## LXWSON STATE \*DVISING

## BUSINESS



## INFORMATION TECHNOLOGY

### Lawson State Community College - Business and Information Technologies Accounting Technology-Short Certificate, Certificate and AAS Real Estate-Short Certificate

		Short Cert-RLS	Short Cert-ACC	Certificate	St	Industry Certification
Course No.	Name				AAS	ق ق
Fall Semester	To a second	14	13	16	16	
ORI 101	Orientation	1	1	1	1	
Area V	CIS 146-Computer Applications	3	3	3	3	
BUS 215	Business Communications	3	3	3	3	
BUS 241*	Principles of Accounting I*	3	3	3	3	
RLS 101	Real Estate Principles	4				х
	(Will count as an Area V elective in Certificate & AAS)	·				
Area V	Elective (ACC, BUS, CIS, ECO, or RLS)		3	3	3	
Area III	MTH 100-Intermediate Algebra or higher math			3	3	
Spring Semester			7	13	16	
Area V	Elective (ACC, BUS, CIS, ECO, or RLS)		3	3	3	
BUS 245	Accounting with Quickbooks		3	3	3	X
BUS 188	Personal Development		1	1	1	
BUS 263	Legal and Social Environment of Business			3	3	
BUS 242	Principles of Accounting II				3	
Area I	ENG 101-English Composition I			3	3	
Summer Semest	ter			3	7	
A 11	SPH 106-Fundamentals of Oral Communication OR			1	2	
Area II	SPH 107-Fundamentals of Public Speaking			3	3	
ECO 231	Principles of Macroeconomics				3	
Area V	PED Requirement				1	
Fall Semester					13	
BUS 271	Business Statistics I				3	
BUS 147	Introduction to Finance				3	
Area III	Natural Science				4	
Area IV**	History or Social/Behavioral Science**				3	
Spring Semester					13	
BUS 146	Personal Finance				3	
BUS 296	Business Internship				3	
	BUS 100-Introduction to Business OR					
Area V	BUS 275-Principles of Management OR					
Management	BUS 276-Human Resource Management OR				3	
Requirement	BUS 279-Small Business Management					
Area V	PED Requirement				1	
Area II	Humanities or Fine Arts				3	
	Total Hours Required for Award	14	20	32	65	
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<sup>\*</sup>It is recommended to take BUS 210-Introduction to Accounting before taking BUS 241.

<sup>\*\*</sup>ECO 232-Principles of Microeconomics is recommended.

#### Lawson State Community College - Business and Information Technologies Business Administration -- Ground and Online - AA Degree

	Total Hours Required for Award		62	62	
Course No.	Name	Cr. Hrs.	Degree (BAD)	Degree (BAO)	Grade
Fall Semester	r - 12 Hours				
ORI 101	Orientation	1			
CIS 146	Microcomputer Applications	3			
ENG 101	English Composition I	3			
	Natural Science Requirement I	4			
	PED Requirement	1			
Spring Semes	ster - 14 Hours				
ENG 102	English Composition II	3			
	Natural Science Requirement II	4			
	Humanities & Fine Arts Requirement	3			
MTH 112	PreCalculus Algebra	3			
	PED Requirement	1			
Summer Sem	ester - 12 Hours				
	ENG 251, ENG 261 OR ENG 271 <b>(Sequence)</b>	3			
	Social and Behavior Sciences Requirement	3			
BUS 271	Business Statistics I	3			
BUS 272	Business Statistics II	3			
Fall Semester	r - 12 Hours				
	History Requirement	3			
SPH 107	Fundamentals of Public Speaking	3			
	ENG 252, ENG 262, OR ENG 272 <b>(Sequence)</b>	3			
BUS 241*	Principles of Accounting I	3			
Spring Semes	ster - 12 Hours				
BUS 242	Principles of Accounting II	3			
ECO 231	Principles of Macroeconomics	3			
ECO 232	Principles of Microecomics	3			
BUS 263	Legal and Social Environment	3			
	Total Field of Concentration Hours		62	62	
*PHS 210 ic a	recommended prerequisite for RUS 241				

<sup>1 \*</sup>BUS 210 is a recommended prerequisite for BUS 241.

<sup>2</sup> ELECTIVES: Review the ALABAMA TRANSFERS (https://alabamatransfers.com/).

<sup>3</sup> Make sure student has submitted ACT scores or taken the Accuplacer.

<sup>4</sup> Download Program from Transfer College/University

#### Lawson State Community College - Business and Information Technologies Business Education -- Ground and Online - AA Degree

	Total Hours Required for Award		62	62	
Course No.	Name	Cr. Hrs.	Degree (BED)	Degree (BEO)	Grade
Fall Semeste	r - 12 Hours				
ORI 101	Orientation	1			
CIS 146	Microcomputer Applications	3			
ENG 101	English Composition I	3			
	Natural Science Requirement I	4			
	PED Requirement	1			
Spring Seme	ster - 14 Hours				
ENG 102	English Composition II	3			
	Natural Science Requirement II	4			
	Humanities & Fine Arts Requirement	3			
MTH 112	PreCalculus Algebra	3			
	PED Requirement	1			
Summer Sem	ester - 12 Hours				
	ENG 251, ENG 261 OR ENG 271 <b>(Sequence)</b>	3			
	Social and Behavior Sciences Requirement	3			
Area 5	ELECTIVE - Review ALABAMA TRANSFERS	3			
Area 5	ELECTIVE - Review ALABAMA TRANSFERS	3			
Fall Semeste	r - 12 Hours				
	History Requirement	3			
SPH 107	Fundamentals of Public Speaking	3			
	ENG 252, ENG 262, OR ENG 272 <b>(Sequence)</b>	3			
Area 5	ELECTIVE - Review ALABAMA TRANSFERS	3			
Spring Seme	ster - 12 Hours				
Area 5	ELECTIVE - Review ALABAMA TRANSFERS	3			
ECO 231	Principles of Macroeconomics	3			
ECO 232	Principles of Microecomics	3			
Area 5	ELECTIVE - Review ALABAMA TRANSFERS	3			
	Total Field of Concentration Hours		62	62	
*BUS 210 is a	recommended prerequisite for BUS 241.				

<sup>1 \*</sup>BUS 210 is a recommended prerequisite for BUS 241.

<sup>2</sup> ELECTIVES: Review the ALABAMA TRANSFERS (https://alabamatransfers.com/).

<sup>3</sup> Make sure student has submitted ACT scores or taken the Accuplacer.

<sup>4</sup> Download Program from Transfer College/University

## Lawson State Community College - Business and Information Technologies Business Administration and Management-Certificate and AAS Management and Supervision-Short Certificate Real Estate-Short Certificate

		Short Cert-RLS	Short Cert- MST	Certificate	AAS	Industry Certification
Course No. Fall Semester	Name	<u>ਨ</u> 14	<u>১</u> ∑	13	₹ 13	<u> </u>
ORI 101	Orientation	1	1	1	1	
Area V	CIS 146-Computer Applications	3	3	3	3	
BUS 215	Business Communications	3	3	3	3	
BUS 241*	Principles of Accounting I*	3	3	3	3	
	Real Estate Principles					
RLS 101	(Will count as an Area V elective in MST Short Cert., Certificate, & AAS)	4				Х
Area III	MTH 100-Intermediate Algebra or higher math			3	3	
<b>Spring Semeste</b>			12	12	15	
BUS 263	Legal and Social Environment of Business		3	3	3	
BUS 275	Principles of Management		3	3	3	
Area V	Elective (ACC, BUS, CIS, ECO, or RLS)		3	3	3	
BUS 100	Introduction to Business		3	3	3	
BUS 242	Principles of Accounting II				3	
Summer Semes	ter			7	11	
BUS 188	Personal Development			1	1	
Area I	English Composition I			3	3	
Area III	SPH 106-Fundamentals of Oral Communication OR SPH 107-Fundamentals of Public Speaking			3	3	
BUS 147	Introduction to Finance				3	
Area V	PED Requirement				1	
Fall Semester					14	
BUS 271	Business Statistics I				3	
ECO 231	Principles of Macroeconomics				3	
Area V	PED Requirement				1	
Area III	Natural Science				4	
Area II	Humanities or Fine Arts				3	
<b>Spring Semeste</b>	r				12	
Computerized	ACC 129-Individual Income Taxes OR					
Accounting	ACC 149-Introduction to Accounting Spreadsheets OR				3	Х
Requirement	BUS 245-Accounting with Quickbooks					
BUS 296	Business Internship				3	
CIS 147	Advanced Micro Applications				3	Х
Area IV**	History or Social/Behavioral Science**				3	
	Total Hours Required for Award	14	22	32	65	

<sup>\*</sup>It is recommended to take BUS 210-Introduction to Accounting before taking BUS 241.

<sup>\*\*</sup>ECO 232-Principles of Microeconomics is recommended.

#### Lawson State Community College - Business and Information Technologies Computer Science-Cloud Computing and Desktop Support - AAS Short Certificate-Cloud Computing; Short Certificate-Desktop Support

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Course No.	Name	STC-Cloud Computing	STC-Desktop Support	AAS	Industry Certification
Fall Semester		7	7	13	
ORI 101	Orientation	1	1	1	
CIS 149	Digital Literacy	3	3	3	Х
CIS 199	Network Communications	3	3	3	Χ
Area III	MTH 100-Intermediate Algebra or higher math			3	
Area IV*	History or Social/Behavioral Science*			3	
<b>Spring Semes</b>	ter	6	3	14	
CIS 238	Cloud Computing: Infrastructure and Services	3		3	Х
	CIS 202-Python Programming (STC-Cloud Computing & AAS) OR				
Area V	CIS Elective (STC-Desktop Support)	3	3	3	Х
Area I	ENG 101-English Composition I			3	
Area V	PED Requirement			1	
Area I	Natural Science			4	
Summer Sem	ester	6	3	10	
	CIS 207-Web Development (STC-Cloud Computing & AAS) OR				
Area V	CIS Elective (STC-Desktop Support)	3	3	3	
CIS 171	Linux I	3		3	
BUS 188	Personal Development			1	
Area III	Humanities or Fine Arts			3	
Fall Semester		3	9	15	
Area V	CIS 146-Computer Applications	3	3	3	
CIS 268	Software Support		3	3	
CIS 269	Hardware Support		3	3	
BUS 215	Business Communication			3	
	SPH 106-Fundamentals of Oral Communication OR				
Area II	SPH 107-Fundamentals of Public Speaking			3	
<b>Spring Semes</b>	ter	6	3	13	
CIS 267	Enterprise Virtualization	3		3	
CIS 280	Network Security	3		3	
CIS 147	Advanced Computer Applications		3	3	Х
BUS 296	Business Internship			3	
Area V	PED Requirement			1	
	Total Hours Required for Award	28	25	65	
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<sup>\*</sup>ECO 231-Principles of Macroeconomics or ECO 232-Principles of Microeconomics is recommended.

#### Lawson State Community College - Business and Information Technologies Computer Science-Cybersecurity and Web Technology - AAS Short Certificate-Cybersecurity; Short Certificate-Web Technology

Course No.	Name	STC-Cybersecurity	STC-Web Technology	AAS	Industry Certification
<b>Fall Semester</b>		7	7	13	
ORI 101	Orientation	1	1	1	
CIS 149	Digital Literacy	3	3	3	
Area V	CIS 146-Computer Applications		3	3	
CIS 199	Network Communications	3		3	X
Area III	MTH 100-Intermediate Algebra or higher math			3	
<b>Spring Semes</b>	ter	6	3	13	
CIS 201	Introduction to Computer Programming Concepts	3	3	3	
CIS 270	CISCO I	3		3	X
Area I	ENG 101-English Composition I			3	
Area III	Natural Science			4	
<b>Summer Sem</b>		3	3	11	
CIS 211	Principles of Information Assurance	3		3	X
CIS 207	Web Development		3	3	
Area V	PED Requirement			1	
BUS 188	Personal Development			1	
Area II	Humanities or Fine Arts			3	
Fall Semester		3	6	13	
Area V	CIS 246-Ethical Hacking (STC-Cybersecurity & AAS) OR CIS Elective (STC-Web Technology	3	3	3	х
CIS 209	Advanced Web Development		3	3	X
BUS 215	Business Communication			3	
Aron II	SPH 106-Fundamentals of Oral Communication OR				
Area II	SPH 107-Fundamentals of Public Speaking			3	
Area V	PED Requirement			1	
<b>Spring Semes</b>		9	3	15	
CIS 214	Security Analysis	3		3	X
CIS 280	Network Security	3	3	3	X
CIS 282	Computer Forensics	3		3	X
Area IV*	History or Social/Behavioral Science*			3	
BUS 296	Business Internship			3	
	Total Hours Required for Award	28	22	65	

<sup>\*</sup>ECO 231-Principles of Macroeconomics or ECO 232-Principles of Microeconomics is recommended.

## Lawson State Community College - Business and Information Technologies Computer Science-Networking - AAS Short Certificate-Networking

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Course No.	Name	STC-Cybersecurity	AAS	Industry Certification
Fall Semeste	r	7	13	
ORI 101	Orientation	1	1	
CIS 149	Digital Literacy	3	3	X
Area V	CIS 146-Computer Applications		3	
CIS 199	Network Communications	3	3	X
Area III	MTH 100-Intermediate Algebra or higher math		3	
<b>Spring Seme</b>	ster	3	14	
CIS 270	CISCO I	3	3	Χ
BUS 215	Business Communication		3	
Area I	ENG 101-English Composition I		3	
Area V	PED Requirement		1	
Area III	Natural Science		4	
Summer Ser	nester	3	10	
CIS 271	CISCO II	3	3	X
Area V	CIS Elective		3	
BUS 188	Personal Development		1	
Area II	Humanities or Fine Arts		3	
Fall Semeste	er	9	15	
CIS 269	Hardware Support	3	3	X
CIS 268	Software Support	3	3	X
CIS 272	CISCO III	3	3	X
Area V	CIS Elective		3	
Area II	SPH 106-Fundamentals of Oral Communication OR		3	
Area II	SPH 107-Fundamentals of Public Speaking		3	
Spring Seme	ster	3	13	
CIS 280	Network Security	3	3	X
Area V	CIS Elective		3	
Area V	PED Requirement		1	
Area IV	History or Social/Behavioral Science*		3	
BUS 296	Business Internship		3	
	Total Hours Required for Award	25	65	

<sup>\*</sup>ECO 231-Principles of Macroeconomics or ECO 232-Principles of Microeconomics is recommended.

#### Lawson State Community College - Business and Information Technologies Computer Science-Programming and App Development - AAS Short Certificate-Programming; Short Certificate-App Development

Course No.   Name		Оринси	Short certificate Trogramming, Short certificate App Deve
ORI 101         Orientation         1         3	STC-App Development AAS Industry Certification	STC-Programming	Course No. Name
CIS 201 Introduction to Computer Programming Concepts  Area V CIS Elective  3 3 3  Area I ENG 101-English Composition I  Area III MTH 100-Intermediate Algebra or higher math  3  Spring Semester  6 6 6 14  CIS 149 Digital Literacy 3 3 3  CIS 157 Introduction to App Development with Swift 3 3  Area III Natural Science  Area III Natural Science  4 Area V PED Requirement  5 Summer Semester  CIS 220 App Development with Swift I  3 3 3  CIS 285 Object Oriented Programming 3 3 3  SPH 106-Fundamentals of Oral Communication OR  Area II SPH 107-Fundamentals of Public Speaking  Fall Semester  CIS 212 Visual Basic Programming 3 3 3  CIS 225 Java Programming 3 3 3  CIS 227 App Development with Swift II  BUS 188 Personal Development  Area V PED Requirement  1 1  Spring Semester  1 2 3 3  Area V PED Requirement  1 5  Spring Semester  3 0 15  CIS 222 Database Management Systems 3 3  BUS 215 Business Communication 3 3  3 3  3 4  3 5  3 5  3 6  3 7  3 7  3 8  3 8  3 9  4 7  5 7  5 7  5 7  5 8  5 8  5 8  5 8  5	4 13	4	all Semester
Area V       CIS Elective       3       3         Area I       ENG 101-English Composition I       3       3         Area III       MTH 100-Intermediate Algebra or higher math       3       3         Spring Semester       6       6       14         CIS 149       Digital Literacy       3       3       3         CIS 157       Introduction to App Development with Swift       3       3       3         CIS 202       Python Programming       3       3       3         Area III       Natural Science       4       4         Area V       PED Requirement       1       1         Summer Semester       3       3       3         CIS 220       App Development with Swift I       3       3         CIS 220       App Development and Programming       3       3         CIS 21       Visual Basic Programming       3       3         CIS 212       Visual Basic Programming       3       3         CIS 227       App Development with Swift II       3       3         BUS 188       Personal Development       1         Area V       PED Requirement       1         Spring Semester       3       0	. 1 1	1	Orientation Orientation
Area I       ENG 101-English Composition I       3         Area III       MTH 100-Intermediate Algebra or higher math       3         Spring Semester       6       6       14         CIS 149       Digital Literacy       3       3       3         CIS 157       Introduction to App Development with Swift       3       3       3         CIS 202       Python Programming       3       3       3         Area III       Natural Science       4       4         Area V       PED Requirement       1       3       3       3         CIS 220       App Development with Swift I       3       3       3         CIS 220       App Development with Swift I       3       3         Area II       SPH 106-Fundamentals of Oral Communication OR       3       3         Area II       SPH 107-Fundamentals of Public Speaking       3       3         Fall Semester       6       3       14         CIS 212       Visual Basic Programming       3       3         CIS 227       App Development with Swift II       3       3         BUS 188       Personal Development with Swift II       3       3         Area V       PED Requirement <td< td=""><td>3</td><td>3</td><td>Introduction to Computer Programming Concepts</td></td<>	3	3	Introduction to Computer Programming Concepts
Area III MTH 100-Intermediate Algebra or higher math  Spring Semester  CIS 149 Digital Literacy 3 3 3 3  CIS 157 Introduction to App Development with Swift 3 3 3  CIS 202 Python Programming 3 3 3  Area III Natural Science 4  Area V PED Requirement 5  CIS 220 App Development with Swift I  Summer Semester CIS 220 App Development with Swift I  SPH 106-Fundamentals of Oral Communication OR  Area II SPH 107-Fundamentals of Public Speaking  Fall Semester CIS 212 Visual Basic Programming 3 3 3  CIS 255 Java Programming 3 3 3  CIS 227 App Development with Swift II  Area V CIS 146-Computer Applications Area V PED Requirement  1 Spring Semester 1 Spring Semester 1 Spring Semester 3 0 15  Spring Semester 3 0 15  Spring Semester 3 3 3  BUS 215 Business Communication 3 3  3 3  3 3  3 3  3 3  3 3  3 3  3	3 3		Area V CIS Elective
Spring Semester         6         6         14           CIS 149         Digital Literacy         3         3         3           CIS 157         Introduction to App Development with Swift         3         3           CIS 202         Python Programming         3         3           Area III         Natural Science         4           Area V         PED Requirement         1           Summer Semester         3         3           CIS 220         App Development with Swift I         3           CIS 220         App Development with Swift I         3           Area II         SPH 106-Fundamentals of Oral Communication OR         3           SPH 107-Fundamentals of Public Speaking         3           Fall Semester         6         3           CIS 212         Visual Basic Programming         3           CIS 212         Visual Basic Programming         3           CIS 227         App Development with Swift II         3           BUS 188         Personal Development         1           Area V         PED Requirement         1           Spring Semester         3         0           CIS 222         Database Management Systems         3	3		Area I ENG 101-English Composition I
CIS 149         Digital Literacy         3         3         3           CIS 157         Introduction to App Development with Swift         3         3           CIS 202         Python Programming         3         3           Area III         Natural Science         4           Area V         PED Requirement         1           Summer Semester         3         3         9           CIS 220         App Development with Swift I         3         3           CIS 220         App Development with Swift I         3         3           Area II         SPH 106-Fundamentals of Oral Communication OR         3         3           Area II         SPH 107-Fundamentals of Public Speaking         3         3           Fall Semester         6         3         14           CIS 212         Visual Basic Programming         3         3           CIS 221         Visual Basic Programming         3         3           CIS 227         App Development with Swift II         3         3           BUS 188         Personal Development         1         1           Area V         PED Requirement         1         1           Spring Semester         3         0         <	3		Area III MTH 100-Intermediate Algebra or higher math
CIS 157 Introduction to App Development with Swift CIS 202 Python Programming Area III Natural Science Area V PED Requirement  Summer Semester  CIS 220 App Development with Swift I  Summer Semester  3 3 9  CIS 220 App Development with Swift I  CIS 285 Object Oriented Programming 3 3  SPH 106-Fundamentals of Oral Communication OR  Area II SPH 107-Fundamentals of Public Speaking  Fall Semester  CIS 212 Visual Basic Programming 3 3  CIS 255 Java Programming 3 3  CIS 227 App Development with Swift II  BUS 188 Personal Development Area V CIS 146-Computer Applications Area V PED Requirement  Spring Semester  CIS 222 Database Management Systems BUS 215 Business Communication  3 3  3 3  3 3  3 4  3 5  3 5  3 6  3 7  3 7  3 8  3 8  3 9  4 7  5 7  5 8  5 8  5 8  5 8  5 8  5 9  5 9  5 9	6 14	6	pring Semester
CIS 202       Python Programming       3       3         Area III       Natural Science       4         Area V       PED Requirement       1         Summer Semester       3       3       9         CIS 220       App Development with Swift I       3       3         CIS 285       Object Oriented Programming       3       3         Area II       SPH 106-Fundamentals of Oral Communication OR       3       3         Area II       SPH 107-Fundamentals of Public Speaking       3       3         Fall Semester       6       3       14         CIS 212       Visual Basic Programming       3       3         CIS 212       Visual Basic Programming       3       3         CIS 227       App Development with Swift II       3       3         BUS 188       Personal Development       1         Area V       CIS 146-Computer Applications       3       3         Area V       PED Requirement       1       1         Spring Semester       3       0       15         CIS 222       Database Management Systems       3       3         BUS 215       Business Communication       3       3	3 3 <b>X</b>	3	CIS 149 Digital Literacy
Area III Natural Science 4 Area V PED Requirement 1  Summer Semester 3 3 9  CIS 220 App Development with Swift I 3 3 3  CIS 285 Object Oriented Programming 3 3 3  SPH 106-Fundamentals of Oral Communication OR Area II SPH 107-Fundamentals of Public Speaking 3  Fall Semester 6 3 14  CIS 212 Visual Basic Programming 3 3 3  CIS 255 Java Programming 3 3 3  CIS 255 Java Programming 3 3 3  CIS 227 App Development with Swift II 3 3 3  BUS 188 Personal Development 1 1  Area V CIS 146-Computer Applications 3 3 0 15  Spring Semester 3 0 15  CIS 222 Database Management Systems 3 3  BUS 215 Business Communication 3	3 3 <b>X</b>		Introduction to App Development with Swift
Area V         PED Requirement         1           Summer Semester         3         3         9           CIS 220         App Development with Swift I         3         3           CIS 285         Object Oriented Programming         3         3           SPH 106-Fundamentals of Oral Communication OR         3         3           Area II         SPH 107-Fundamentals of Public Speaking         3         14           CIS 212         Visual Basic Programming         3         3           CIS 212         Visual Basic Programming         3         3           CIS 255         Java Programming         3         3           CIS 227         App Development with Swift II         3         3           Area V         CIS 146-Computer Applications         3         3           Area V         PED Requirement         1         1           Spring Semester         3         0         15           CIS 222         Database Management Systems         3         3           BUS 215         Business Communication         3         3	3 X	3	,
Summer Semester339CIS 220App Development with Swift I33CIS 285Object Oriented Programming33SPH 106-Fundamentals of Oral Communication OR33Area IISPH 107-Fundamentals of Public Speaking314CIS 212Visual Basic Programming33CIS 255Java Programming33CIS 227App Development with Swift II33BUS 188Personal Development1Area VCIS 146-Computer Applications33Area VPED Requirement1Spring Semester3015CIS 222Database Management Systems33BUS 215Business Communication3	4		Area III Natural Science
CIS 220 App Development with Swift I CIS 285 Object Oriented Programming 3 SPH 106-Fundamentals of Oral Communication OR Area II SPH 107-Fundamentals of Public Speaking  Fall Semester 6 3 CIS 212 Visual Basic Programming 3 CIS 255 Java Programming 3 CIS 227 App Development with Swift II BUS 188 Personal Development Area V CIS 146-Computer Applications Area V PED Requirement  Spring Semester CIS 222 Database Management Systems BUS 215 Business Communication 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	1		Area V PED Requirement
CIS 285 Object Oriented Programming 3 3 3 3 3 SPH 106-Fundamentals of Oral Communication OR Area II SPH 107-Fundamentals of Public Speaking 3 14 CIS 212 Visual Basic Programming 3 3 3 3 3 CIS 255 Java Programming 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	3 9	3	
SPH 106-Fundamentals of Oral Communication OR Area II SPH 107-Fundamentals of Public Speaking 3  Fall Semester 6 3 14  CIS 212 Visual Basic Programming 3 3 3  CIS 255 Java Programming 3 3 3  CIS 227 App Development with Swift II 3 3 3  BUS 188 Personal Development 1 1  Area V CIS 146-Computer Applications 3 3  Area V PED Requirement 1 1  Spring Semester 3 0 15  CIS 222 Database Management Systems 3 3  BUS 215 Business Communication 3	3 3 X		App Development with Swift I
Area II SPH 107-Fundamentals of Public Speaking  Fall Semester  CIS 212 Visual Basic Programming  CIS 255 Java Programming  3 3  CIS 227 App Development with Swift II  BUS 188 Personal Development  Area V CIS 146-Computer Applications  Area V PED Requirement  Spring Semester  CIS 222 Database Management Systems  BUS 215 Business Communication  3 14  3 3  3 3  3 3  3 3  3 3  3 3  3	3	3	, ,
Fall SemesterCIS 212Visual Basic Programming3CIS 255Java Programming3CIS 227App Development with Swift II3BUS 188Personal Development1Area VCIS 146-Computer Applications3Area VPED Requirement1Spring Semester30CIS 222Database Management Systems3BUS 215Business Communication3			
CIS 212 Visual Basic Programming 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	3		Area II SPH 107-Fundamentals of Public Speaking
CIS 255 Java Programming 3 3  CIS 227 App Development with Swift II 3 3  BUS 188 Personal Development 1  Area V CIS 146-Computer Applications 3  Area V PED Requirement 1  Spring Semester 3 0 15  CIS 222 Database Management Systems 3 3  BUS 215 Business Communication 3		_	
CIS 227 App Development with Swift II  BUS 188 Personal Development  Area V CIS 146-Computer Applications  Area V PED Requirement  Spring Semester  CIS 222 Database Management Systems  BUS 215 Business Communication  3 3 3 3 3 3 3 3 3 3 3 3			3 3
BUS 188 Personal Development 1 Area V CIS 146-Computer Applications 3 Area V PED Requirement 1  Spring Semester 3 0 15 CIS 222 Database Management Systems 3 3 BUS 215 Business Communication 3	3	3	5 5
Area V CIS 146-Computer Applications 3 Area V PED Requirement 1  Spring Semester 3 0 15 CIS 222 Database Management Systems 3 3 BUS 215 Business Communication 3	3 3 X		
Area V PED Requirement 1  Spring Semester 3 0 15  CIS 222 Database Management Systems 3 3  BUS 215 Business Communication 3			· · · · · · · · · · · · · · · · · · ·
Spring Semester3015CIS 222Database Management Systems33BUS 215Business Communication3	3		
CIS 222 Database Management Systems 3 3 BUS 215 Business Communication 3			
BUS 215 Business Communication 3			
		3	,
Area II Humanities or Fine Arts			
	3		Area II Humanities or Fine Arts
Area IV* History or Social/Behavioral Science* 3			,
BUS 296 Business Internship 3			
Total Hours Required for Award 22 16 65	2 16 65	22	Total Hours Required for Award

<sup>\*</sup>ECO 231-Principles of Macroeconomics or ECO 232-Principles of Microeconomics is recommended.

## Lawson State Community College - Business and Information Technologies Computer Science/Business-Certificate and AAS Computer Applications-Short Certificate

Course No.	Name	Short Certificate Computer Appl.	Certificate	AAS	Industry Certification
Fall Semester		7	10	13	
ORI 101	Orientation	1	1	1	
Area V	CIS 146-Computer Applications	3	3	3	
CIS 149	Digital Literacy	3	3	3	Х
Area III	MTH 100-Intermediate Algebra or higher math		3	3	
Area II	Humanities or Fine Arts			3	
<b>Spring Semest</b>	er	9	12	15	
CIS 147	Advanced Micro Applications	3	3	3	
CIS 201	Introduction to Computer Programming Concepts	3	3	3	
Area V	CIS Elective	3	3	3	
Area I	ENG 101-English Composition I		3	3	
Area IV	History or Social/Behavioral Science*			3	
Summer Seme	ester	6	9	9	
Area V	BUS or CIS Elective	3	3	3	
CIS 207	Web Development	3	3	3	
Area V	CIS Programming Elective		3	3	
Fall Semester			4	14	
Area II	SPH 106-Fundamentals of Oral Communication OR SPH 107-Fundamentals of Public Speaking		3	3	
BUS 188	Personal Development		1	1	
Area V	BUS or CIS Elective			3	
BUS 215	Business Communication			3	
BUS 241	Principles of Accounting I			3	
Area V	PED Requirement			1	
<b>Spring Semest</b>	er			14	
CIS 281	System Analysis and Design			3	
BUS 296	Business Internship			3	
Area V	CIS Programming Elective			3	
Area V	PED Requirement			1	
Area III	Natural Science			4	
	Total Hours Required for Award	22	35	65	

<sup>\*</sup>ECO 231-Principles of Macroeconomics or ECO 232-Principles of Microeconomics is recommended.

#### Lawson State Community College - Business and Information Technologies Computer Science/General - Certificate and AAS

Course No.	Name	Certificate	AAS	Industry Certification
Fall Semester		10	13	
ORI 101	Orientation	1	1	
Area V	CIS 146-Computer Applications	3	3	
CIS 201	Introduction to Computer Programming Concepts	3	3	
Area III	MTH 100-Intermediate Algebra or higher math	3	3	
Area II	Humanities or Fine Arts		3	
<b>Spring Semest</b>	er	10	14	
CIS 157	Introduction to App Development with Swift		3	Х
Area V	CIS Elective	3	3	
Area V	CIS Elective	3	3	
BUS 188	Personal Development	1	1	
Area I	ENG 101-English Composition I	3	3	
Area V	PED Requirement		1	
Summer Seme	ster	9	10	
Area V	Computer Programming Elective	3	3	
CIS 207 OR	Web Development OR	2	2	
CIS 171	Linux I	3	3	
CIS 149	Digital Literacy	3	3	Х
Area V	PED Requirement		1	
Fall Semester		6	15	
CIS 269	Hardware Support		3	Х
CIS 268	Software Support		3	Х
Area V	Computer Programming Elective	3	3	
A 110 0 11	SPH 106-Fundamentals of Oral Communication OR	2	2	
Area II	SPH 107-Fundamentals of Public Speaking	3	3	
Area IV*	History or Social/Behavioral Science*		3	
<b>Spring Semest</b>	er		13	
CIS 281	System Analysis and Design		3	
BUS 296	Business Internship		3	
BUS 215	Business Communication		3	
Area III	Natural Science		4	
	Total Hours Required for Award	35	65	

<sup>\*</sup>ECO 231-Principles of Macroeconomics or ECO 232-Principles of Microeconomics is recommended.

### Lawson State Community College - Business and Information Technologies Office Administration - General Short Certificate, Certificate, and AAS

Course No.	Name	Short Certificate	Certificate	AAS	Industry Certification
Fall Semester		10	13	13	
ORI 101	Orientation	1	1	1	
OAD 103	Intermediate Keyboarding	3	3	3	
OAD 138	Records/Information Management	3	3	3	
Area V	Elective (ACC, BUS, CIS, ECO, OAD, or RLS)	3	3	3	
Area III	MTH 100-Intermediate Algebra or higher math		3	3	
<b>Spring Semeste</b>	r	12	15	15	
BUS 215	Business Communication	3	3	3	
Area V	CIS 146-Computer Applications	3	3	3	
OAD 125	Word Processing	3	3	3	Х
BUS 241	Principles of Accounting I*	3	3	3	
Area I	ENG 101-English Composition I		3	3	
Summer Semes	ter		7	10	
BUS 188	Personal Development		1	1	
BUS 263	Legal and Social Environment of Business		3	3	
	SPH 106-Fundamentals of Oral Communication OR				
Area II	SPH 107-Fundamentals of Public Speaking		3	3	
CIS 147 OR	Advanced Micro Applications OR				.,
OAD 243	Spreadsheet Applications			3	Х
Fall Semester				14	
Computerized	ACC 129-Individual Income Taxes OR				
Accounting	ACC 149-Introduction to Accounting Spreadsheets OR			3	
Requirement	BUS 245-Accounting with Quickbooks				
OAD 200	Machine Transcription			3	Х
Area V	Elective (ACC, BUS, CIS, ECO, OAD, or RLS)			3	
Area III	Natural Science			4	
Area V	PED Requirement			1	
<b>Spring Semeste</b>	r			13	
BUS 296	Business Internship			3	
OAD 218	Office Procedures			3	
Area IV**	History or Behavioral Science**			3	
Area II	Humanties or Fine Arts			3	
	DED Paguiroment			1	
Area V	PED Requirement				1

<sup>\*</sup>It is recommended to take BUS 210-Introduction to Accounting before taking BUS 241.

<sup>\*\*</sup>ECO 231-Principles of Macroeconomics or ECO 232-Principles of Microeconomics is recommended. Students not proficient in keyboarding must take OAD 101-Beginning Keyboarding.

#### Lawson State Community College - Business and Information Technologies Office Administration - Legal

#### **Short Certificate, Certificate, and AAS**

Course No.	Name	Short Certificate	Certificate	AAS	Industry Certification
Fall Semester		13	16	16	
ORI 101	Orientation	1	1	1	
Area V	CIS 146-Computer Applications	3	3	3	
OAD 201	Legall Terminology	3	3	3	
BUS 241*	Principles of Accounting I*	3	3	3	
BUS 215	Business Communication	3	3	3	
Area III	MTH 100-Intermediate Algebra or higher math		3	3	
Spring Semeste	er	9	15	15	
OAD 125	Word Processing	3	3	3	Х
BUS 263	Legal and Social Environment of Business	3	3	3	
PRL 101	Introduction to Paralegal Study	3	3	3	
Area I	ENG 101-English Composition I		3	3	
Area II	Humanities or Fine Arts		3	3	
Summer Semes	ster		4	10	
BUS 188	Personal Development		1	1	
OAD 103	Intermediate Keyboarding			3	
Area V	Elective (ACC, BUS, CIS, ECO, OAD, PRL, or RLS)		3	3	
	SPH 106-Fundamentals of Oral Communication OR			_	
Area II	SPH 107-Fundamentals of Public Speaking			3	
Fall Semester				14	
PRL 102	Basic Research and Writing			3	
OAD 138	Records/Information Management			3	
OAD 243 OR	Spreadsheet Applications OR				
CIS 147	Advanced Computer Applications			3	х
Area III	Natural Science			4	
Area V	PED Requirement			1	
Spring Semester				10	
BUS 296	Business Internship			3	
PRL 103 OR	Advanced Legal Research and Writing OR				
OAD 203	Legal Office Procedures			3	
Area IV**	History or Behavioral Science**			3	
Area V	PED Requirement			1	
	Total Hours Required for Award	22	35	65	

<sup>\*</sup>It is recommended to take BUS 210-Introduction to Accounting before taking BUS 241.

<sup>\*\*</sup>ECO 231-Principles of Macroeconomics or ECO 232-Principles of Microeconomics is recommended. Students not proficient in keyboarding must take OAD 101-Beginning Keyboarding.

#### Lawson State Community College - Business and Information Technologies Office Administration - Medical (Medical Billing and Coding Concentration) Short Certificate, Certificate, and AAS

				_	_
Course No.	Name	Short Certificate	Certificate	AAS	Industry Certification
Fall Semester		14	14	14	
ORI 101	Orientation	1	1	1	
OAD 103 OR	Intermediate Keyboarding OR	3	3	3	х
OAD 125	Work Processing	3	0	ე	^
BIO 103	Principles of Biology I	4	4	4	
OAD 211	Medical Terminology	3	3	3	
Area V	CIS 146-Computer Applications	3	3	3	
<b>Spring Semeste</b>	er	13	16	16	
HIT 113	Anatomy, Physiology, and Medical Terminology	5	5	5	
HIT 111 AND	Diagnostics and Pharmacology AND	3	3	3	
HIT 152	Skills IDevelopment Lab	1	1	1	
HIT 130 AND	HIT Classification and Reimbursement AND	3	3	3	
HIT 131	Classification Skills Lab	1	1	1	
Area I	English Composition I		3	3	
Summer Seme	ster		7	10	
BUS 188	Personal Development		1	1	
Area III	MTH 100-Intermediate Algebra or higher math		3	3	
	SPH 106-Fundamentals of Oral Communication OR		2	1	
Area III	SPH 107-Fundamentals of Public Speaking		3	3	
OAD 212	Medical Transcription			3	Χ
Fall Semester			4	14	
HIT 230 AND	Medical Coding Systems I AND		3	3	· ·
HIT 231	Medical Coding Skills Laboratory		1	1	Х
OAD 138	Records/Information Management			3	
Area III	Humanities or Fine Arts			3	
Area IV*	History or Social/Behavioral Science*			3	
Area V	PED Requirement			1	
<b>Spring Semeste</b>	er			12	
HIT 232 AND	Medical Coding Systems II AND			3	
HIT 233	Medical Coding Skills Laboratory			1	
BUS 296	Business Internship			3	
OAD 214	Medical Office Procedures			3	
HIT 291	HIT Seminar/Exam Review			1	
Area V	PED Requirement			1	
	Total Hours Required for Award	27	41	66	
B			_		

<sup>\*</sup>ECO 231-Principles of Macroeconomics or ECO 232-Principles of Microeconomics is recommended.

Students not proficient in keyboarding must take OAD 101-Beginning Keyboarding.

## CAREER



# TECHNICAL EDUCATION

Degree Pro<sub>{</sub> Air Conditioning & Refrigeration Day - Fall Start

Course ID		Course Title		dit Ho	urs	Industry Recognized Certificate(s) Available
טי			STC	CER	AOT	
Fall Seme	ster O	ne Course Sequence	13	16	16	
ORI101		Freshman Orientation	1	1	1	
ACR 111	T1	Basic Refrigeration	3	3	3	
ACR 121	T1	Basic Electricity	3	3	3	
		ACR Elective	3	3	3	
ACR 122	T2	Electrical Circuits	3	3	3	
Area III		MTH 116 Mathematical Applications (Preferred) or MTH 100 Intermediate Algebra		3	3	
Spring Ser	neste	One Course Sequence	12	15	15	
		ACR Elective	3	3	3	
		ACR Elective	3	3	3	
ACR 123	T2	Electrical Components	3	3	3	electrical certification
		ACR Elective	3	3	3	
Area V		CIS 130 Introduction to Information Systems (Preferred) or CIS 146 Microcomputer Applications		3	3	
Requirem	ents fo	or STC award are complete	25			
Summer S	emes	ter Course Sequence	0	15	15	
ACR 113		Piping Practice		3	3	Brazing certification
		ACR Elective		3	3	
		ACR Elective		3	3	
		ACR Elective		3	3	
Area I		ENG 101 English Composition I		3	3	
Fall Seme	ster Tv	wo Course Sequence	0	6	18	
		ACR Elective		3	3	
		Electronic elective			3	
		Electronic elective			3	
Area II		SPH 106, 107,or 116 (Preferred) (CER or AOT)		3	3	
Area III		Natural Science - PHS 112 Preferred			4	
AREA V		One credit hour PE course			1	
AREA V		One credit hour PE course			1	
Requirem	ents f	or CER award are complete		52		
Spring Ser	neste	r Two Course Sequence			12	
		Electronic elective			3	
		Electronic elective			3	
Area II		Humanities or Fine Arts			3	
Area IV		History or Social/Behavioral Science			3	
		or AOT award are complete			76	

Fall Semester Electives				
ACR 119		Gas Heating		
ACR 134		Ice Machines		
ACR 210		Troubleshooting HVACR Systems		
ACR 200		Review For Contractors Exam		

	Spring Semester Electives					
ACR 112		Service Procedures				
ACR 128	ACR 128 Heat Load Calculations					
ACR 135	ACR 135 Mechanical/Gas/Safety Codes					
ACR 148		Heat Pumps				
ACR-203		Commerical Refrigeration				

	Summer Semester Electives				
ACR 132	Residential A/C				
ACR 144	Basic Drawing and Blueprint Reading in HVAC				
ACR 147	Refrigerant Transition and Recovery				
ACR 181	Special Topics in Air Conditioning and Refrigeration				
ACR 192	HVAC Apprenticeship/Internship				

	Approved Electronics Electives for AOT
AUT 104	Blueprint Reading for Manufacturing
EET 100	Introduction to Engineering Technologies
ELT 116	Residential Wiring (6 hours)
ETC 101	DC Fundamentals
ILT 194	Introduction to PLC
ILT 196	Adv. Programmable Logic Controllers
INT 118	Fundamentals of Industrial Hydraulics/Pneumation
ELT 117	AC & DC Machines
ELT 118	Commercial/Industrial Wiring I
ETC 102	AC Fundamentals
ETC 108	Motor Controls
INT 117	Principles of Industrial Mechanics
INT 127	Prin. Of Industrial Pumps & Piping Systems
INT 134	Industrial Maintenance Welding & Cutting

Degree Pro: Air Conditioning & Refrigeration Day - Spring Start

Course		Course Title	Cred	dit Ho	urs	Industry Recognized Certificate(s) Available	
ID			STC	CER	AOT	,,	
Spring Se	mestei	r One	13	16	16		
ORI101		Freshman Orientation	1	1	1		
ACR 111	T1	Basic Refrigeration	3	3	3		
ACR 121	T1	Basic Electricity	3	3	3		
ACR 123	T2	Electrical Components	3	3	3	electrical certification	
		ACR Elective	3	3	3		
Area III		MTH 116 Mathematical Applications (Preferred) or MTH 100 Intermediate Algebra		3	3		
Summer S	Semest	ter One	9	15	15		
ACR 113		Piping Practice		3	3	Brazing certification	
		ACR Elective	3	3	3	-	
	ĺ	ACR Elective	3	3	3		
		ACR Elective	3	3	3		
Area I		ENG 101 English Composition I		3	3		
Fall Seme	ester Co	ourse Sequence	3	15	15		
ACR 122	T2	Electrical Circuits	3	3	3		
		ACR Elective		3	3		
		ACR Elective		3	3		
	ĺ	ACR Elective		3	3		
		CIS 130 Introduction to Information Systems					
Area V		(Preferred) or		3	3		
		CIS 146 Microcomputer Applications					
		or STC award are complete	25				
Spring Se	meste	r Two Course Sequence		6	15		
		ACR Elective		3	3		
Area II		SPH 106, 107,or 116 (Preferred) (CER or AOT)		3	3		
	-	Electronic elective			3		
A II		Electronic elective			3		
Area II	onto f	Humanities or Fine Arts or CER award are complete		52	3		
		· · · · · · · · · · · · · · · · · · ·		52	15		
summer s	Semesi	ter Two Course Sequence Electronic elective			3		
	<b>-</b>				Ť		
A III	<b>-</b>	Electronic elective			3		
Area III		Natural Science - PHS 112 Preferred			4		
Area IV	-	History or Social/Behavioral Science			3		
AREA V AREA V		One credit hour PE course			1		
	I	One credit hour PE course			1		

Fall Semester Electives				
ACR 119		Gas Heating		
ACR 134		Ice Machines		
ACR 210		Troubleshooting HVACR Systems		
ACR 200		Review For Contractors Exam		

	Spring Semester Electives				
ACR 112	Service Procedures				
ACR 128	Heat Load Calculations				
ACR 135	Mechanical/Gas/Safety Codes				
ACR 148	Heat Pumps				
ACR-203	Commerical Refrigeration				

	Summer Semester Electives					
ACR 132		Residential A/C				
ACR 144		Basic Drawing and Blueprint Reading in HVAC				
ACR 147		Refrigerant Transition and Recovery				
ACR 181		Special Topics in Air Conditioning and Refrigeration				
ACR 192		HVAC Apprenticeship/Internship				

	Approved Electronics Electives for AOT
AUT 104	Blueprint Reading for Manufacturing
EET 100	Introduction to Engineering Technologies
ELT 116	Residential Wiring (6 hours)
ETC 101	DC Fundamentals
ILT 194	Introduction to PLC
ILT 196	Adv. Programmable Logic Controllers
INT 118	Fundamentals of Industrial Hydraulics/Pneumatic
ELT 117	AC & DC Machines
ELT 118	Commercial/Industrial Wiring I
ETC 102	AC Fundamentals
ETC 108	Motor Controls
INT 117	Principles of Industrial Mechanics
INT 127	Prin. Of Industrial Pumps & Piping Systems
INT 134	Industrial Maintenance Welding & Cutting

Degree Pro<sub>{</sub> Air Conditioning & Refrigeration Day - Fall Start

Course ID		Course Title	Cre	dit Ho	urs	Industry Recognized Certificate(s) Available
			STC	CER	AOT	
Summer S	Semes	ster One Course Sequence	7	13	13	
ORI101		Freshman Orientation	1	1	1	
ACR 113		Piping Practice	3	3	3	Brazing certification
		ACR Elective	3	3	3	
		ACR Elective		3	3	
Area III		MTH 116 Mathematical Applications (Preferred) or MTH 100 Intermediate Algebra		3	3	
Fall Seme	ster C	One Course Sequence	9	15	15	
ACR 111	T1	Basic Refrigeration	3	3	3	
ACR 121	T1	Basic Electricity	3	3	3	
		ACR Elective		3	3	
ACR 122	T2	Electrical Circuits	3	3	3	
Area II		SPH 106, 107,or 116 (Preferred) (CER or AOT)		3	3	
Spring Ser	meste	er One Course Sequence	9	12	12	
		ACR Elective	3	3	3	
ACR 123	T2	Electrical Components	3	3	3	electrical certification
		ACR Elective	3	3	3	
Area V		CIS 130 Introduction to Information Systems		3	2	
Area v		(Preferred) or CIS 146 Microcomputer Applications		3	3	
Requirem	ents f	for STC award are complete	25			
Summer S	Semes	ster Course Sequence	0	12	12	
		ACR Elective		3	3	
		ACR Elective		3	3	
		ACR Elective		3	3	
Area I		ENG 101 English Composition I		3	3	
Fall Seme	ster T	wo Course Sequence	0	0	12	
		Electronic elective			3	
		Electronic elective			3	
Area III		Natural Science - PHS 112 Preferred			4	
AREA V		One credit hour PE course			1	
AREA V		One credit hour PE course			1	
Requirem	ents f	for CER award are complete		52		
Spring Ser	meste	er Two Course Sequence			12	
		Electronic elective			3	
		Electronic elective			3	
Area II		Humanities or Fine Arts			3	
Area IV		History or Social/Behavioral Science			3	
Requirem	ents f	for AOT award are complete			76	

Fall Semester Electives				
ACR 119	Gas Heating			
ACR 134	Ice Machines			
ACR 210	Troubleshooting HVACR Systems			
ACR 200	Review For Contractors Exam			

Spring Semester Electives				
ACR 112		Service Procedures		
ACR 128		Heat Load Calculations		
ACR 135		Mechanical/Gas/Safety Codes		
ACR 148		Heat Pumps		
ACR-203		Commerical Refrigeration		

Summer Semester Electives				
ACR 132	Residential A/C			
ACR 144	Basic Drawing and Blueprint Reading in HVAC			
ACR 147	Refrigerant Transition and Recovery			
ACR 181	Special Topics in Air Conditioning and Refrigeration			
ACR 192	HVAC Apprenticeship/Internship			

	Approved Electronics Electives for AOT
AUT 104	Blueprint Reading for Manufacturing
EET 100	Introduction to Engineering Technologies
ELT 116	Residential Wiring (6 hours)
ETC 101	DC Fundamentals
ILT 194	Introduction to PLC
ILT 196	Adv. Programmable Logic Controllers
INT 118	Fundamentals of Industrial Hydraulics/Pneumatic
ELT 117	AC & DC Machines
ELT 118	Commercial/Industrial Wiring I
ETC 102	AC Fundamentals
ETC 108	Motor Controls
INT 117	Principles of Industrial Mechanics
INT 127	Prin. Of Industrial Pumps & Piping Systems
INT 134	Industrial Maintenance Welding & Cutting

#### Lawson State Community College--Course Sequence Guide (CSG) Degree Pro<sub>{</sub> Air Conditioning & Refrigeration Night - Fall Start

Course		Course Title	Credit Hours			Industry Recognized Certificate(s) Available	
ID			STC	STC CER		, ,	
Fall Seme	ester O	ne Course Sequence	13	13	13		
ORI101		Freshman Orientation	1	1	1		
ACR 111	T1	Basic Refrigeration	3	3	3		
ACR 121	T1	Basic Electricity	3	3	3		
		ACR Elective	3	3	3		
		ACR Elective	3	3	3		
Spring Se	meste	r One Course Sequence	9	12	12		
ACR 122	T2	Electrical Circuits	3	3	3		
		ACR Elective	3	3	3		
		ACR Elective	3	3	3		
		MTH 116 Mathematical Applications (Preferred) or					
		MTH 100 Intermediate Algebra		3	3		
_							
	_	ter Course Sequence	3	12	12		
ACR 123	T2	Electrical Components	3	3	3	electrical certification	
		ACR Elective		3	3		
		ACR Elective		3	3		
A \ /		CIS 130 Introduction to Information Systems		2	۰		
Area V		(Preferred) or CIS 146 Microcomputer Applications		3	3		
Requirem	nents f	or STC award are complete	25				
		wo Course Sequence	0	12	12		
				_	3	Brazing certification	
ACR 113		Piping Practice		3	3		
		Piping Practice ACR Elective		3	3	Brazing der timoation	
					_	ordering continuation	
ACR 113		ACR Elective		3	3	and the second s	
ACR 113 Area I		ACR Elective ACR Elective		3	3		
ACR 113 Area I		ACR Elective ACR Elective ENG 101 English Composition I		3 3	3 3		
ACR 113 Area I		ACR Elective ACR Elective ENG 101 English Composition I Two Course Sequence		3 3	3 3 3 15		
ACR 113 Area I		ACR Elective ACR Elective ENG 101 English Composition I r Two Course Sequence Electronic elective		3 3	3 3 3 15 3		
Area I Spring Se Area II		ACR Elective ACR Elective ENG 101 English Composition I r Two Course Sequence Electronic elective Electronic elective		3 3 3	3 3 3 15 3 3		
Area I Spring Se Area II		ACR Elective ACR Elective ENG 101 English Composition I r Two Course Sequence Electronic elective Electronic elective SPH 106, 107, or 116 (Preferred) (CER or AOT)		3 3 3	3 3 3 15 3 3		
ACR 113  Area I  Spring Se  Area II  Area II  Area IV	meste	ACR Elective ACR Elective ENG 101 English Composition I r Two Course Sequence Electronic elective Electronic elective SPH 106, 107, or 116 (Preferred) (CER or AOT) Humanities or Fine Arts		3 3 3	3 3 3 15 3 3 3		
ACR 113  Area I  Spring Se  Area II  Area II  Area IV  Requirem	meste	ACR Elective ACR Elective ENG 101 English Composition I r Two Course Sequence Electronic elective Electronic elective SPH 106, 107, or 116 (Preferred) (CER or AOT) Humanities or Fine Arts History or Social/Behavioral Science		3 3 3	3 3 3 15 3 3 3		
ACR 113  Area I  Spring Se  Area II  Area II  Area IV  Requirem	meste	ACR Elective ACR Elective ENG 101 English Composition I r Two Course Sequence Electronic elective Electronic elective SPH 106, 107, or 116 (Preferred) (CER or AOT) Humanities or Fine Arts History or Social/Behavioral Science or CER award are complete		3 3 3	3 3 3 15 3 3 3 3		
ACR 113  Area I  Spring Se  Area II  Area II  Area IV  Requirem	meste	ACR Elective ACR Elective ENG 101 English Composition I r Two Course Sequence Electronic elective Electronic elective SPH 106, 107, or 116 (Preferred) (CER or AOT) Humanities or Fine Arts History or Social/Behavioral Science or CER award are complete ter Course Sequence		3 3 3	3 3 3 15 3 3 3 3		
ACR 113  Area I Spring Se  Area II Area II Area IV Requiren Summer	meste	ACR Elective ACR Elective ENG 101 English Composition I r Two Course Sequence Electronic elective Electronic elective SPH 106, 107, or 116 (Preferred) (CER or AOT) Humanities or Fine Arts History or Social/Behavioral Science or CER award are complete ter Course Sequence Electronic elective		3 3 3	3 3 3 15 3 3 3 3 3		
ACR 113  Area I  Spring Se  Area II  Area II  Area IV  Requirem  Summer :	meste	ACR Elective ACR Elective ENG 101 English Composition I  **Two Course Sequence Electronic elective Electronic elective SPH 106, 107, or 116 (Preferred) (CER or AOT) Humanities or Fine Arts History or Social/Behavioral Science or CER award are complete ter Course Sequence Electronic elective Electronic elective Electronic elective Natural Science - PHS 112 Preferred		3 3 3	3 3 3 15 3 3 3 3 3 3		
ACR 113  Area I  Spring Se  Area II  Area II  Area IV  Requirem  Summer	meste	ACR Elective ACR Elective ENG 101 English Composition I r Two Course Sequence Electronic elective Electronic elective SPH 106, 107, or 116 (Preferred) (CER or AOT) Humanities or Fine Arts History or Social/Behavioral Science or CER award are complete ter Course Sequence Electronic elective Electronic elective		3 3 3	3 3 3 15 3 3 3 3 3 3 4		

Fall Semester Electives				
ACR 112	Service Procedures			
ACR 132	Residential A/C			
ACR 144	Basic Drawing and Blueprint Reading in HVAC			
ACR 148	Heat Pumps			
ACR-203	Commerical Refrigeration			
ACR 200	Review For Contractors Exam			

courses. The schedule is valid for FALL DAY Admission.

	Spring Semester Electives
ACR 119	Gas Heating
ACR 134	Ice Machines
ACR 147	Refrigerant Transition and Recovery
ACR 181	Special Topics in Air Conditioning and Refrigeration

	Summer Semester Electives				
ACR 128	Heat Load Calculations				
ACR 135	Mechanical/Gas/Safety Codes				
ACR 200	Review For Contractors Exam				
ACR 210	Troubleshooting HVACR Systems				

	Approved Electronics Electives for AOT
AUT 104	Blueprint Reading for Manufacturing
EET 100	Introduction to Engineering Technologies
ELT 116	Residential Wiring (6 hours)
ETC 101	DC Fundamentals
ILT 194	Introduction to PLC
ILT 196	Adv. Programmable Logic Controllers
INT 118	Fundamentals of Industrial Hydraulics/Pneumatics
ELT 117	AC & DC Machines
ELT 118	Commercial/Industrial Wiring I
ETC 102	AC Fundamentals
ETC 108	Motor Controls
INT 117	Principles of Industrial Mechanics
INT 127	Prin. Of Industrial Pumps & Piping Systems
INT 134	Industrial Maintenance Welding & Cutting

#### Lawson State Community College--Course Sequence Guide (CSG) Degree Prol Air Conditioning & Refrigeration Night - Spring Start

Course		Course Title	Credit Hours			Industry Recognized Certificate(s) Available
ID				CER	AOT	
Spring Ser	neste	r One Course Sequence	13	13	13	
ORI101		Freshman Orientation	1	1	1	
ACR 111	T1	Basic Refrigeration	3	3	3	
ACR 121	T1	Basic Electricity	3	3	3	
		ACR Elective	3	3	3	
ACR 122	T2	Electrical Circuits	3	3	3	
Summer S	emes	ter One Course Sequence	9	12	12	
		ACR Elective	3	3	3	
		ACR Elective	3	3	3	
ACR 123	T2	Electrical Components	3	3	3	electrical certification
		CIS 130 Introduction to Information Systems				
Area V		(Preferred) or		3	3	
E-II C		CIS 146 Microcomputer Applications	3	12	12	
	ster C	ourse Sequence	3			la i con co
ACR 113		Piping Practice	2	3	3	Brazing certification
		ACR Elective	3	3	3	
		ACR Elective		3	3	
Area III		MTH 116 Mathematical Applications (Preferred) or		3	3	
Area III		MTH 100 Intermediate Algebra		3	3	
Requirem	ents f	or STC award are complete	25			
Spring Ser	neste	r Two Course Sequence	0	12	12	
		ACR Elective		3	3	
		ACR Elective		3	3	
		ACR Elective		3	3	
Area II		SPH 106, 107,or 116 (Preferred) (CER or AOT)		3	3	
Summer S	emes	ter Two Course Sequence		3	12	
Area I		ENG 101 English Composition I		3	3	
		Electronic elective			3	
		Electronic elective			3	
Area II		Humanities or Fine Arts			3	
Requirem	ents f	or CER award are complete		52		
_		ourse Sequence	0	0	15	
		Electronic elective			3	
		Electronic elective			3	
Area IV		History or Social/Behavioral Science			3	
Area III		Natural Science - PHS 112 Preferred			4	
AREA V		One credit hour PE course			1	
AREA V		One credit hour PE course			1	<u> </u>
	ants f	or AOT award are complete			76	
		gory Total Credits Earned does not include any develo				

Fall Semester Electives				
ACR 112		Service Procedures		
ACR 132		Residential A/C		
ACR 144		Basic Drawing and Blueprint Reading in HVAC		
ACR 148		Heat Pumps		
ACR-203		Commerical Refrigeration		
ACR 200		Review For Contractors Exam		

Spring Semester Electives				
ACR 119	Gas Heating			
ACR 134	Ice Machines			
ACR 147	Refrigerant Transition and Recovery			
ACR 181	Special Topics in Air Conditioning and Refrigeration			

	Summer Semester Electives					
ACR 128	Heat Load Calculations					
ACR 135	Mechanical/Gas/Safety Codes					
ACR 200	Review For Contractors Exam					
ACR 210	Troubleshooting HVACR Systems					
ACR 192	HVAC Apprenticeship/Internship					

	Approved Electronics Electives for AOT
AUT 104	Blueprint Reading for Manufacturing
EET 100	Introduction to Engineering Technologies
ELT 116	Residential Wiring (6 hours)
ETC 101	DC Fundamentals
ILT 194	Introduction to PLC
ILT 196	Adv. Programmable Logic Controllers
INT 118	Fundamentals of Industrial Hydraulics/Pneumatics
ELT 117	AC & DC Machines
ELT 118	Commercial/Industrial Wiring I
ETC 102	AC Fundamentals
ETC 108	Motor Controls
INT 117	Principles of Industrial Mechanics
INT 127	Prin. Of Industrial Pumps & Piping Systems
INT 134	Industrial Maintenance Welding & Cutting

Program: Automotive Technology (ASE) - Ford ASSET Fall Day Start

#### **Fall Start Only**

Course ID		Course Title		Industry Recognized Certificate(s) Available	Completed
Fall Sem	ester On	e Course Sequence	15		
ORI	101	Orientation to College	1		
ASE	101	Fundamental Automotive Technol	3		
ASE	112	Electrical Fundamentals	3		
ASE	150	Dealership Work Experience	3		
ASE	162	Electrical & Electronic System	3		
Area V		CIS 130 Introduction to Information Systems (Preferred) or CIS 146 Microcomputer Applications	3		
Spring So	emester	One Course Sequence	15		
ASE	121	Braking Systems	3		
ASE	122	Steering Suspension & Alignment	3		
ASE	133	Motor Vehicle Air Conditioning	3		
ASE	250	Dealership Work Experience	2		
Area II		SPH 106, 107, or <b>116 (Preferred)</b>	3		
AREA V		1 credit hour PED course	1		
Summer	Semest	er Course Sequence	18		
ASE	130	Drive Train and Axles	3		
ASE	224	Manual Transmission/Transaxle	3		
ASE	124	Automotive Engines	3		
ASE	220	Advanced Automotive Engines	3		
Area III		MTH 116 Mathematical Applications (Preferred) or MTH 100 Intermediate Algebra	3		
Area I		ENG 101 English Composition I	3		
Fall Sem	ester Tw	vo Course Sequence	15		
ASE	212	Adv Electrical & Electronic Sy	3		
ASE	230	Auto Transmission/Transaxle	3		
ASE	239	Engine Performance I	3		
ASE	252	Dealership Work Experience	2		
PSY	200	General Psychology	3		
AREA V		1 credit hour PED course	1		
Spring So	emester	Two Course Sequence	12		
ASE	244	Engine Performance & Diagnostics	3		
ASE	246	Automotive Emissions	3		
ASE	262	Dealership Work Experience	2		
Area III		Natural Science - PHS 112 Preferred	4		
Requirer	ments fo	r AAS award are complete	75		

Requirements for AAS award are complete

#### Lawson State Community College--Course Sequence Guide (CSG) Program: Automotive Technology (ASE) - General Motors ASEP Fall Day Start

#### **Fall Start Only**

Course ID		Course Title		Industry Recognized Certificate(s) Earned	Completed
Fall Sem	ester One	Course Sequence	15		
ORI	101	Orientation to College	1		
ASE	101	Fundamental Automotive Technol	3		
ASE	112	Electrical Fundamentals	3		
ASE	150	Dealership Work Experience	2		
ASE	239	Engine Performance I	3		
Area V		CIS 130 Introduction to Information Systems (Preferred) or CIS 146 Microcomputer Applications	3		
Spring Se	emester O	ne Course Sequence	15		
ASE	121	Braking Systems	3		
ASE	122	Steering Suspension & Alignment	3		
ASE	250	Dealership Work Experience	2		
ASE	133	Motor Vehicle Air Conditioning	3		
Area II		SPH 106, 107, or <b>116 (Preferred)</b>	3		
AREA V		1 credit hour PED course	1		
Summer	Semester	Course Sequence	18		
ASE	124	Automotive Engines	3		
ASE	220	Advanced Automotive Engines	3		
ASE	130	Drive Train and Axles	3		
ASE	224	Manual Transmission/Transaxle	3		
Area I		ENG 101 English Composition I	3		
Area III		MTH 116 Mathematical Applications (Preferred) or MTH 100 Intermediate Algebra	3		
Fall Sem	ester Two	Course Sequence	15		
ASE	162	Electrical and Electronic Systems	3		
ASE	244	Engine Performance & Diagnostics	3		
ASE	246	Automotive Emissions	3		
ASE	252	Dealership Work Experience	2		
AREA V		1 credit hour PED course	1		
PSY	200	General Psychology	3		
Spring Se	emester T	wo Course Sequence	12		
ASE	212	Advanced Electrical & Electronic Systems	3		
ASE	230	Automatic Transmission/Transaxle	3		
ASE	262	Dealership Work Experience	2		
Area III		Natural Science - PHS 112 Preferred	4		
		AAS award are complete	75		

Requirements for AAS award are complete

75

Program: Automotive Technology (ASE) - Mercedes TECH Fall Day Start

Course ID			Course Title		Industry Recognized Certificate(s) Available	Completed
Fall Seme	ster One (	Cours	se Sequence	15		
ORI	101		Orientation to College	1		
ASE	101		Fundamental Automotive Technology	3		
ASE	112		Electrical Fundamentals	3		
ASE	162		Electrical & Electronic Systems	3		
ASE	191		CO-OP	2		
Area V			CIS 130 Introduction to Information Systems (Preferred) or CIS 146 Microcomputer Applications	3		
Spring Se	mester Or	ne Co	urse Sequence	15		
ASE	121		Braking Systems	3		
ASE	122		Steering Suspension & Alignment	3		
ASE	133		Motor Vehicle Air Conditioning	3		
ASE	284		CO-OP	2		
Area II			SPH 106, 107, or <b>116 (Preferred)</b>	3		
AREA V			1 credit hour PED course	1		
	Semester	Cour	se Sequence	18		
ASE	124		Automotive Engines	3		
ASE	220		Advanced Automotive Engines	3		
ASE	130		Drive Train and Axles	3		
ASE	224		Manual Transmission/Transaxle	3		
Area III			MTH 116 Mathematical Applications (Preferred) or MTH 100 Intermediate Algebra	3		
Area I			ENG 101 English Composition I	3		
Fall Seme	ster Two	Cours	se Sequence	15		
ASE	239		Engine Performance I	3		
ASE	244		Engine Performance & Diagnosti	3		
ASE	246		Automotive Emissions	3		
ASE	285		CO-OP	2		
AREA V			1 credit hour PED course	1		
PSY	200		General Psychology	3		
Spring Se	mester Tw	vo Co	urse Sequence	12		
ASE	263		Hybrid Vehicles	3		
ASE	230		Automatic Transmission/Transaxle	3		
ASE	286		CO-OP	2		
Area III			Natural Science - PHS 112 Preferred	4		
			ward are complete	75		

#### Requirements for AAS award are complete

75

Program: Automotive Technology (ASE) - Toyota T-TEN Fall Day Start

#### **Fall Start Only**

Course ID		Course Title		Industry Recognized Certificate(s) Earned	Completed
Fall Seme	ster One C	Course Sequence	15		
ORI	101	Orientation to College	1		
ASE	101	Fundamental Automotive Technology	3		
ASE	112	Electrical Fundamentals	3		
ASE	150	Dealership Work Experience	2		
ASE	162	Electrical & Electronic System	3		
Area V		CIS 130 Introduction to Information Systems (Preferred) or CIS 146 Microcomputer Applications	3		
Spring Ser	mester On	e Course Sequence	15		
ASE	121	Braking Systems	3		
ASE	122	Steering Suspension & Alignment	3		
ASE	133	Motor Vehicle Air Conditioning	3		
ASE	250	Dealership Work Experience	2		
Area II		SPH 106, 107, or <b>116 (Preferred)</b>	3		
AREA V		1 credit hour PED course	1		
Summer S	Semester C	Course Sequence	18		
ASE	124	Engine Repair I	3		
ASE	212	Advanced Electronics	3		
ASE	130	Drive Train and Axles	3		
ASE	224	Manual Transmission and Transaxle	3		
Area I		ENG 101 English Composition I	3		
Area III		MTH 116 Mathematical Applications (Preferred) or MTH 100 Intermediate Algebra	3		
Requirem	ents for S	TC award are complete			
Fall Seme	ster Two C	Course Sequence	15		
ASE	239	Engine Performance I	3		
ASE	244	Engine Performance & Diagnosti	3		
ASE	246	Automotive Emissions	3		
ASE	252	Dealership Work Experience	2		
PSY	200	General Psychology	3		
AREA V		1 credit hour PED course	1		
Spring Ser	nester Tw	o Course Sequence	12		
ASE	263	Hybrid	3		
ASE	230	Automatic Transmission/Transaxle	3		
ASE	262	Dealership Work Experience	2		
Area III		Natural Science - PHS 112 Preferred	4		
Doguirom	ants for A	AS award are complete	75		

Requirements for AAS award are complete

75

Program: Auto Body/Collision Repair - Fall Day Start

Course ID		Course Title		dit Ho	ırs	Industry Recognized Certificate(s)
cou.	JC 15			CER	AOT	Earned
Fall Semester		One Course Sequence	13	16	16	
ORI	101	Freshman Orientation	1	1	1	
ABR	111	Non Structural Repair	3	3	3	
ABR	114	Non Structural Panel Replacemt	3	3	3	
ABR	122	Surface Preparation	3	3	3	
ABR	123	Paint Applicant and Equipment	3	3	3	
Are	a III	MTH 116 Mathematical Applications (Preferred)		3	3	
Spring	Semest	er One Course Sequence	12	18	18	
ABR	151	Safety and Environmental Practices	3	3	3	
ABR	154	Automotive Glass and Trim	3	3	3	
ABR	156	Cutting and Welding	3	3	3	
ABR	213	Automotive Structural Analytics	3	3	3	
ABR	223	Automotive Mechanical Components		3	3	
Area	a V+	CIS 130 Introduction to Information Systems		3	3	
		(Preferred) or CIS 146 Microcomputer Applications		,	3	
		for STC award are complete	25			
		ester Course Sequence		9	12	
ABR	214	Automotive Structural Repair		3	3	
ABR	255	Steering and Suspension		3	3	
Are	ea I	ENG 101 English Composition I		3	3	
Are	ea V	Minor Elective			3	
Fall Se	mester	Two Course Sequence	0	9	15	
ABR	224	Automotive Electrical Comp		3	3	
ABR	265	Paint Defects and Final Repair		3	3	
Are	ea II	SPH 106, 107, or <b>116 (Preferred)</b> (CER or AAS)		3	3	
Are	ea V	Minor Elective			3	
Are	ea II	Humanities or Fine Arts			3	
Requir	ements	for CER award are complete		52		
Spring	Spring Semester Two Course Sequence				15	
Are	a V	Minor Elective			3	
Are	ea V	Minor Elective			3	
Are	a III	Natural Science - PHS 112 Preferred			4	
Are	a IV	History or Social/Behavioral Science			3	
ARE	A V+	One credit hour PE course			1	
	A V+	One credit hour PE course			1	
Requir	ements	for AOT award are complete			76	

NOTE: The category *Total Credits Earned* does not include any developmental courses. Developmental courses are considered pre-requisite courses. *The schedule is valid for FALL DAY Admission*.

#### A Minor in ABR consists of two options. Take 12 Hours in one group only (Business or Industrial Maintenance)

Арр	Approved Industrial Maintenance AOT Electives (Need 12 Credit Hours)						
AUT 102	Lean Mfg and Industrial Safety						
AUT 104	Blueprint Reading for Manufacturing						
EET 100	Introduction to Engineering Technology						
INT 117	Principles of Industrial Mechanics						
INT 118	Fund. of Ind. Hydraulics/Pneumatics						
INT 124	Production Equip. Layout & Installation						
INT 126	Preventive Maintenance						
INT 134	Ind. Maintenance Welding & Cutting						

	Approved Business AOT Electives							
		(Need 12 Credit Hours)						
BUS	100	Intro Business						
BUS	210	Introduction to Accounting						
BUS	215	Business Communication						
BUS	275	Principles of Management						
BUS	276	Human Resource Management						
BUS	279	Small Business Management						

Degree Pro Auto Body/Collision Repair - Day Spring Start

Course ID		Course Title		dit Ho	urs	Industry Recognized Certificate(s) Available
			STC CER		AAS	
pring	Semest	ter One Course Sequence	10	16	16	
ORI	101	Freshman Orientation	1	1	1	
ABR	154	Automotive Glass and Trim	3	3	3	
ABR	156	Cutting and Welding	3	3	3	
ABR	213	Automotive Structural Analytics	3	3	3	
Are	a III	MTH 116 Mathematical Applications (Preferred) or MTH 100 Intermediate Algebra		3	3	
Area	a V+	CIS 130 Introduction to Information Systems (Preferred) or CIS 146 Microcomputer Applications		3	3	
umme	er Seme	ester One Course Sequence	6	15	15	
ABR	111	Non Structural Repair	3	3	3	
BR	151	Safety and Environmental Practices	3	3	3	
BR	214	Automotive Structural Repair		3	3	
BR	255	Steering and Suspension		3	3	
Are		SPH 106, 107, or <b>116 (Preferred)</b> (CER or AAS)		3	3	
		Course Sequence	9	15	15	
ABR	114	Non Structural Panel Replacemt	3	3	3	
	122	•	3	3	3	
ABR	123	Surface Preparation		_		
ABR	-	Paint Applicant and Equipment	3	3	3	
ABR	224	Automotive Electrical Comp		3	3	
ABR	265	Paint Defects and Final Repair		3	3	
		for STC award are complete	25			
pring	Semest	ter Two Course Sequence	0	6	16	
ABR	223	Automotive Mechanical Components		3	3	
Are		ENG 101 English Composition I		3	3	
Are		Minor Elective			3	
Are		Minor Elective			3	
Are		Humanities or Fine Arts			3	
ARE		One credit hour PE course			1	
Require	ements	for CER award are complete		52		
umme	er Seme	ester Two Course Sequence			14	
Area V		Minor Elective			3	
Area V		Minor Elective			3	
Area III		Natural Science - PHS 112 Preferred			4	
Area IV		History or Social/Behavioral Science			3	
_	A V+	One credit hour PE course			1	
ARE						

#### A Minor in ABR consists of two options. Take 12 Hours in one group only

	Approved Industrial Maintenance AOT Electives (Need 12 Credit Hours)
AUT 102	Lean Mfg and Industrial Safety
AUT 104	Blueprint Reading for Manufacturing
EET 100	Introduction to Engineering Technology
INT 117	Principles of Industrial Mechanics
INT 118	Fund. of Ind. Hydraulics/Pneumatics
INT 124	Production Equip. Layout & Installation
INT 126	Preventive Maintenance
INT 134	Ind. Maintenance Welding & Cutting

	Aį	pproved Business AOT Electives (Need 12 Credit Hours)
BUS	100	Intro Business
BUS	210	Introduction to Accounting
BUS	215	Business Communication
BUS	275	Principles of Management
BUS	276	Human Resource Management
BUS	279	Small Business Management

**Degree Progr** Auto Body/Collision Repair - Day Summer Start

Course ID		Course Title		dit Ho	urs	Industry Recognized Certificate(	
			STC	CER	AAS	Available	
Summer Se	emester	One Course Sequence	7	13	13		
ORI	101	Freshman Orientation	1	1	1		
ABR	111	Non Structural Repair	3	3	3		
ABR		Safety and Environmental Practices	3	3	3		
Area	III	MTH 116 Mathematical Applications (Preferred) or MTH 100 Intermediate Algebra		3	3		
Area \	V+	CIS 130 Introduction to Information Systems (Preferred) or CIS 146 Microcomputer Applications		3	3		
Fall Semes	ter One	Course Sequence	9	12	12		
ABR	_	Non Structural Panel Replacemt	3	3	3		
ABR	122	Surface Preparation	3	3	3		
ABR	123	Paint Applicant and Equipment	3	3	3		
Area	I	ENG 101 English Composition I		3	3		
Spring Sem	iester O	ne Course Sequence	9	15	15		
ABR	154	Automotive Glass and Trim	3	3	3		
ABR	156	Cutting and Welding	3	3	3		
ABR	213	Automotive Structural Analytics	3	3	3		
ABR		Automotive Mechanical Components		3	3		
Area	II	SPH 106, 107,or <b>116 (Preferred)</b> (CER or AAS)		3	3		
Requireme	nts for	STC award are complete	25				
Summer Se	emester	Course Sequence	0	6	12		
ABR	214	Automotive Structural Repair		3	3		
ABR	255	Steering and Suspension		3	3		
Area		Minor Elective			3		
Area	II	Humanities or Fine Arts			3		
Fall Semes	ter Two	Course Sequence	0	6	12		
ABR	224	Automotive Electrical Comp		3	3		
ABR	265	Paint Defects and Final Repair		3	3		
Area	V	Minor Elective			3		
Area	IV	History or Social/Behavioral Science			3		
Requireme	nts for	CER award are complete		52			
Spring Sem	ester T	wo Course Sequence			12		
Area	٧	Minor Elective			3		
Area	V	Minor Elective			3		
Area	III	Natural Science - PHS 112 Preferred			4		
AREA	V+	One credit hour PE course			1		
AREA V+		One credit hour PE course			1		

NOTE: The category *Total Credits Earned* does not include any developmental courses. Developmental courses are considered prerequisite courses. *The schedule is valid for SUMMER DAY Admission*.

#### A Minor in ABR consists of two options. Take 12 Hours in one group only

	Approved Industrial Maintenance AOT Electives (Need 12 Credit Hours)				
AUT 102	Lean Mfg and Industrial Safety				
AUT 104	Blueprint Reading for Manufacturing				
EET 100	Introduction to Engineering Technology				
INT 117	Principles of Industrial Mechanics				
INT 118	Fund. of Ind. Hydraulics/Pneumatics				
INT 124	Production Equip. Layout & Installation				
INT 126	Preventive Maintenance				
INT 134	Ind. Maintenance Welding & Cutting				

	Αŗ	pproved Business AOT Electives (Need 12 Credit Hours)
BUS	100	Intro Business
BUS	210	Introduction to Accounting
BUS	215	Business Communication
BUS	275	Principles of Management
BUS	276	Human Resource Management
BUS	279	Small Business Management

Degree Program: Automotive Mechanics - Fall Admission

Course ID   Course Title   STC   CER   AOT	Industry Recognized Certificate(s)	Complet	
ORI 101         Orientation to College         1         2         2         2         2         2         2         2         2         2         2         2         2         2         2         3         3         3         3         3         3         3	Earned	ed	
AUM 101 Fundamentals of Automotive Technology 3 3 3 3 AUM 112 Electrical Fundamentals 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3			
AUM 112			
AUM 121 Braking Systems 3 3 3 3 3 AUM 122 Suspension and Steering 3 3 3 3 3 3 3 Area V CIS 130 Introductin to Information Systems or CIS 146 Microcomputer Applications			
AUM 122   Suspension and Steering   3   3   3   3   3   3   3   3   3			
AUM 162			
Area V CIS 130 Introductin to Information Systems or CIS 146 Microcomputer Applications  Spring Semester One Course Sequence  AUM 124 Automotive Engines  AUM 130 Drive Train and Axles  AUM 133 Motor Vehicle Air Conditioning  AUM 239 Engine Performance I  Area I COM 100 Career Technical English (CER) or ENG 101 English Composition I (CER or AOT)  Requirements for STC award are complete  Summer Semester Course Sequence  12 12  Area II MTH 116 Mathematical Applications or MTH 116 Mathematical Applications or MTH 110 Intermediate Algebra  Area II SPC 103 Career Technical Speaking (CER) or SPH 106, 107, or 116 (CER or AOT)  Requirements for CER award are complete  49  Fall Semester Two Course Sequence  Minor Requirement  Minor Requirement  Minor Requirement  Area III Natural Science  AREA V One credit hour PE course  Minor Requirement			
Area V			
AUM 124			
AUM 130 Drive Train and Axles  AUM 133 Motor Vehicle Air Conditioning  3 3 3  AUM 239 Engine Performance I  3 3 3  AUM 244 Engine Performance II  3 3 3  Area I COM 100 Career Technical English (CER) or ENG 101 English Composition I (CER or AOT)  Requirements for STC award are complete  Summer Semester Course Sequence  AUM 220 Advanced Automotive Engines  AUM 230 Automatic Transmission and Transaxle  Area III MTH 116 Mathematical Applications or MTH 100 Intermediate Algebra  Area III SPC 103 Career Technical Speaking (CER) or SPH 106, 107, or 116 (CER or AOT)  Requirements for CER award are complete  49  Fall Semester Two Course Sequence  Minor Requirement  Minor Requirement  Area III Natural Science  AREA V One credit hour PE course  Minor Requirement			
AUM 133 Motor Vehicle Air Conditioning 3 3 3 3 AUM 239 Engine Performance I 3 3 3 3 3 AUM 244 Engine Performance II 3 3 3 3 3 Area I COM 100 Career Technical English (CER) or ENG 101 English Composition I (CER or AOT) 28 Commer Semester Course Sequence 28 Commer Semester Course Sequence 3 3 3 3 Aum 230 Automatic Transmission and Transaxle 3 3 3 Aum 230 Automatic Transmission and Transaxle 3 3 3 Aum 230 Automatic Transmission and Transaxle 3 3 3 Aum 230 Automatic Transmission and Transaxle 3 3 3 Aum 230 Automatic Transmission and Transaxle 3 3 3 Area III Aum 116 Mathematical Applications or MTH 100 Intermediate Algebra 3 3 3 Aum 24 Aum 250			
AUM 239 Engine Performance I  AUM 244 Engine Performance II  COM 100 Career Technical English (CER) or ENG 101 English Composition I (CER or AOT)  Requirements for STC award are complete  28  Summer Semester Course Sequence  AUM 220 Advanced Automotive Engines  Area III MTH 116 Mathematical Applications or MTH 100 Intermediate Algebra  Area III SPC 103 Career Technical Speaking (CER) or SPH 106, 107,or 116 (CER or AOT)  Requirements for CER award are complete  49  Fall Semester Two Course Sequence  Minor Requirement  Minor Requirement  Minor Requirement  AREA V One credit hour PE course  Minor Requirement  Minor Requirement  Minor Requirement  Minor Requirement  Minor Requirement  AREA V One credit hour PE course  Minor Requirement  Minor Requirement  Minor Requirement  Minor Requirement  Minor Requirement  AREA V One credit hour PE course  Minor Requirement			
AUM 244 Engine Performance II  Area I COM 100 Career Technical English (CER) or ENG 101 English Composition I (CER or AOT)  Requirements for STC award are complete  Summer Semester Course Sequence  AUM 220 Advanced Automotive Engines  Area III MTH 116 Mathematical Applications or MTH 100 Intermediate Algebra  Area III SPC 103 Career Technical Speaking (CER) or SPH 106, 107, or 116 (CER or AOT)  Requirements for CER award are complete  Minor Requirement  Minor Requirement  Minor Requirement  AREA V One credit hour PE course  Minor Requirement  Minor Requirement  Minor Requirement  Minor Requirement  Minor Requirement  AREA V One credit hour PE course  Minor Requirement			
Area I COM 100 Career Technical English (CER) or ENG 101 English Composition I (CER or AOT)  Requirements for STC award are complete  Summer Semester Course Sequence  AUM 220 Advanced Automotive Engines  AUM 230 Automatic Transmission and Transaxle  Area III MTH 116 Mathematical Applications or MTH 100 Intermediate Algebra  SPC 103 Career Technical Speaking (CER) or SPH 106, 107, or 116 (CER or AOT)  Requirements for CER award are complete  Minor Requirement  Minor Requirement  Minor Requirement  AREA V One credit hour PE course  Minor Requirement  Minor Requirement  Minor Requirement  AREA V One credit hour PE course  Minor Requirement			
Area I ENG 101 English Composition I (CER or AOT)  Requirements for STC award are complete  Summer Semester Course Sequence  AUM 220 Advanced Automotive Engines  AUM 230 Automatic Transmission and Transaxle  Area III MTH 116 Mathematical Applications or MTH 100 Intermediate Algebra  SPC 103 Career Technical Speaking (CER) or SPH 106, 107, or 116 (CER or AOT)  Requirements for CER award are complete  Minor Requirement  Minor Requirement  Minor Requirement  AREA V One credit hour PE course  Minor Requirement  Minor Requirement  AREA V One credit hour PE course  Minor Requirement  Minor Requirement  Minor Requirement  AREA V One credit hour PE course  Minor Requirement			
Requirements for STC award are complete  Summer Semester Course Sequence  AUM 220 Advanced Automotive Engines AUM 230 Automatic Transmission and Transaxle Area III Area III  MTH 116 Mathematical Applications or MTH 100 Intermediate Algebra Area II SPC 103 Career Technical Speaking (CER) or SPH 106, 107,or 116 (CER or AOT)  Requirements for CER award are complete  Minor Requirement Minor Requirement Minor Requirement AREA V One credit hour PE course AREA V One credit hour PE course Minor Requirement Minor Requirement AREA V Minor Requirement Minor Requirement Minor Requirement AREA V Mone credit hour PE course Minor Requirement			
Summer Semester Course Sequence1212AUM 220Advanced Automotive Engines33AUM 230Automatic Transmission and Transaxle33Area IIIMTH 116 Mathematical Applications or MTH 100 Intermediate Algebra33Area IISPC 103 Career Technical Speaking (CER) or SPH 106, 107, or 116 (CER or AOT)33Requirements for CER award are complete49Fall Semester Two Course Sequence12Minor Requirement33Area IIINatural Science4AREA VOne credit hour PE course1AREA VOne credit hour PE course1Spring Semester Two Course Sequence12Minor Requirement3Minor Requirement3Minor Requirement3			
AUM 220 Advanced Automotive Engines  AUM 230 Automatic Transmission and Transaxle  Area III MTH 116 Mathematical Applications or MTH 100 Intermediate Algebra  Area II SPC 103 Career Technical Speaking (CER) or SPH 106, 107, or 116 (CER or AOT)  Requirements for CER award are complete  49  Fall Semester Two Course Sequence Minor Requirement Minor Requirement Area III Natural Science AREA V One credit hour PE course  AREA V One credit hour PE course  Minor Requirement  Spring Semester Two Course Sequence Minor Requirement  3  4  3  3  4  3  4  4  4  5  6  7  7  8  7  8  7  8  8  8  8  8  8  8			
Area III MTH 116 Mathematical Applications or MTH 100 Intermediate Algebra  Area III SPC 103 Career Technical Speaking (CER) or SPH 106, 107,or 116 (CER or AOT)  Requirements for CER award are complete  Fall Semester Two Course Sequence  Minor Requirement  Minor Requirement  Area III Natural Science  4 AREA V One credit hour PE course  AREA V One credit hour PE course  Spring Semester Two Course Sequence  Minor Requirement  AREA V Moner Requirement  Minor Requirement  Spring Semester Two Course Sequence  Minor Requirement  Minor Requirement  Minor Requirement  Minor Requirement  Minor Requirement  3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3			
Area III MTH 100 Intermediate Algebra  Area II SPC 103 Career Technical Speaking (CER) or SPH 106, 107, or 116 (CER or AOT)  Requirements for CER award are complete  Fall Semester Two Course Sequence  Minor Requirement  Minor Requirement  Area III Natural Science  AREA V One credit hour PE course  AREA V One credit hour PE course  Spring Semester Two Course Sequence  Minor Requirement  AREA V Mone Credit hour PE course  Minor Requirement			
Area II SPC 103 Career Technical Speaking (CER) or SPH 106, 107, or 116 (CER or AOT) 3 3  Requirements for CER award are complete 49  Fall Semester Two Course Sequence 12  Minor Requirement 3  Area III Natural Science 4  AREA V One credit hour PE course 11  AREA V One credit hour PE course 11  Spring Semester Two Course Sequence 12  Minor Requirement 3  Minor Requirement 3  AREA V One credit hour PE course 11  Minor Requirement 3			
Area II SPH 106, 107,or 116 (CER or AOT)  Requirements for CER award are complete  49  Fall Semester Two Course Sequence  Minor Requirement  Minor Requirement  Area III Natural Science  4  AREA V One credit hour PE course  AREA V One credit hour PE course  1  Spring Semester Two Course Sequence  Minor Requirement  Minor Requirement  3			
Requirements for CER award are complete  Fall Semester Two Course Sequence  Minor Requirement  Minor Requirement  Minor Requirement  Area III  Natural Science  4  AREA V  One credit hour PE course  1  Spring Semester Two Course Sequence  Minor Requirement  3  Minor Requirement  1  AREA V  One credit hour PE course  1  Minor Requirement  Minor Requirement  3  Minor Requirement  3  Minor Requirement  3  Minor Requirement  3			
Fall Semester Two Course Sequence         12           Minor Requirement         3           Minor Requirement         3           Area III         Natural Science         4           AREA V         One credit hour PE course         1           AREA V         One credit hour PE course         1           Spring Semester Two Course Sequence         12           Minor Requirement         3           Minor Requirement         3			
Minor Requirement  Minor Requirement  Minor Requirement  Area III  Natural Science  4  AREA V  One credit hour PE course  AREA V  One credit hour PE course  1  Spring Semester Two Course Sequence  Minor Requirement  Minor Requirement  3  Minor Requirement  3			
Minor Requirement  Area III  Natural Science  4  AREA V  One credit hour PE course  1  AREA V  One credit hour PE course  1  Spring Semester Two Course Sequence  Minor Requirement  Minor Requirement  Minor Requirement  3  Minor Requirement  3			
Area III Natural Science 4  AREA V One credit hour PE course 1  AREA V One credit hour PE course 1  Spring Semester Two Course Sequence 12  Minor Requirement 3  Minor Requirement 3		<del>                                     </del>	
AREA V One credit hour PE course 1  AREA V One credit hour PE course 1  Spring Semester Two Course Sequence 12  Minor Requirement 3  Minor Requirement 3		<u> </u>	
AREA V One credit hour PE course 1  Spring Semester Two Course Sequence 12  Minor Requirement 3  Minor Requirement 33			
Spring Semester Two Course Sequence     12       Minor Requirement     3       Minor Requirement     3		4	
Minor Requirement 3 Minor Requirement 3			
Minor Requirement 3			
Area II Humanities or Fine Arts 3			
		<u> </u>	
Area IV History or Social/Behavioral Science 3			
Requirements for AAS award are complete 73			

#### A Minor in AUM consists of two options. Take 12 Hours in **one group only** (Medium/Heavy Truck -Diesel or Business)

	Approved Medium/Heavy Truck -Diesel AOT Electives (Need 12 Credit Hours)
DEM 104	Basic Engines
DEM 105	Preventive Maintenance
DEM 122	Heavy Vehicle Brakes
<b>DEM 124</b>	Electronic Engine Systems
DEM 125	Heavy Vehicle Drive Trains
DEM 127	Fuel Systems
DEM 130	Electrical/Electronic Fundamentals
DEM 135	Heavy Vehicle Steering and Suspension

	Approved Business AOT Electives (Need 12 Credit Hours)				
BUS	100	Intro Business			
BUS	210	Introduction to Accounting			
BUS	215	Business Communication			
BUS	275	Principles of Management			
BUS	276	Human Resource Management			
BUS	279	Small Business Management			

**Degree Program:** Automotive Mechanics - Spring Admission

Course ID	Course Title		dit Ho	urs	Industry Recognized	
			CER	AAS	Certificate(s) Available	
Spring Semester One	e Course Sequence	10	13	13		
ORI 101	Orientation to College	1	1	1		
AUM 124	Automotive Engines	3	3	3		
AUM 130	Drive Train and Axles	3	3	3		
AUM 133	Motor Vehicle Air Conditioning	3	3	3		
Aroal	COM 100 Career Technical English (CER) or		3	3		
Area I	ENG 101 English Composition I (CER or AOT)		3	3		
Summer Semester O	ne Course Sequence	6	12	12		
AUM 101	Fundamentals of Automotive Technology	3	3	3		
AUM 121	Braking Systems	3	3	3		
Area III	MTH 116 Mathematical Applications or		3	3		
Alea III	MTH 100 Intermediate Algebra			,		
Area V	CIS 130 Introductin to Information Systems or		3	3		
	CIS 146 Microcomputer Applications					
				45		
Fall Semester Course		9	9	15		
AUM 112	Electrical Fundamentals	3	3	3		
AUM 122	Suspension and Steering	3	3	3		
AUM 162	Electrical/Electronic Systems	3	3	3		
	Minor Requirement			3		
	Minor Requirement			3		
Requirements for ST	C award are complete	25				
Spring Semester Two	Course Sequence	3	9	15		
AUM 239	Engine Performance I	3	3	3		
AUM 244	Engine Performance II		3	3		
Area II	SPC 103 Career Technical Speaking (CER) or		3	3		
	SPH 106, 107,or 116 (CER or AOT)		Ů			
Area III	Natural Science			4		
AREA V	One credit hour PE course			1		
AREA V	One credit hour PE course			1		
	R award are complete		43			
	wo Course Sequence			18		
AUM 220	Advanced Automotive Engines		3	3		
AUM 230	Automatic Transmission and Transaxle		3	3		
	Minor Requirement			3		
	Minor Requirement			3		
Area II	Humanities or Fine Arts			3		
	History or Social/Behavioral Science					

Degree Program: Automotive Mechanics - Summer Admission

Course ID	Course Title	Credit Hours		s	Industry Recognized	Comple
Course ID	Course Title	STC	CER	AOT	Certificate(s) Earned	ted
Summer Semester (	One Course Sequence	7	13	13		
ORI 101	Orientation to College	1	1	1		
AUM 101	Fundamentals of Automotive Technology	3	3	3		
AUM 121	Braking Systems	3	3	3		
Area III	MTH 116 Mathematical Applications or MTH 100 Intermediate Algebra		3	3		
Area V	CIS 130 Introductin to Information Systems or CIS 146 Microcomputer Applications		3	3		
Fall Semester One (	Course Sequence	9	12	12		
AUM 112	Electrical Fundamentals	3	3	3		
AUM 122	Suspension and Steering	3	3	3		
AUM 162	Electrical/Electronic Systems	3	3	3		
Area I	COM 100 Career Technical English (CER) or ENG 101 English Composition I (CER or AOT)		3	3		
Spring Semester Co		12	18	18		
AUM 124	Automotive Engines	3	3	3		
AUM 130	Drive Train and Axles	3	3	3		
AUM 133	Motor Vehicle Air Conditioning	3	3	3		
AUM 239	Engine Performance I	3	3	3		
AUM 244	Engine Performance II		3	3		
Area II	SPC 103 Career Technical Speaking (CER) or		3	3		
	SPH 106, 107,or 116 (CER or AOT)		3	3		
Requirements for S	TC award are complete	28				
Summer Semester	Two Course Sequence	0	6	15		
AUM 220	Advanced Automotive Engines		3	3		
AUM 230	Automatic Transmission and Transaxle		3	3		
Area III	Natural Science			4		
	Minor Requirement			3		
AREA V	One credit hour PE course			1		
AREA V	One credit hour PE course			1		
Requirements for C	ER award are complete		49			
Fall Semester Two (	Course Sequence			15		
	Minor Requirement			3		
	Minor Requirement			3		
	Minor Requirement			3		
Area II	Humanities or Fine Arts			3		
Area IV	History or Social/Behavioral Science			3		
Requirements for A	AS award are complete			73		

A Minor in AUM consists of two options. Take 12 Hours in one group only (Medium/Heavy Truck -Diesel or Business)

(Need 12 Credit Hours)					
DEM 104	Basic Engines				
DEM 105	DEM 105 Preventive Maintenance				
DEM 122	Heavy Vehicle Brakes				
DEM 124	Electronic Engine Systems				
DEM 125	Heavy Vehicle Drive Trains				
DEM 127	Fuel Systems				
DEM 130	Electrical/Electronic Fundamentals				
DEM 135	Heavy Vehicle Steering and Suspension				

Е	business)					
	Approved Business AOT Electives					
		(Need	12 Credit Hours)			
	BUS	100	Intro Business			
	BUS	210	Introduction to Accounting			
	BUS	215	Business Communication			
	BUS	275	Principles of Management			
	BUS	276	Human Resource Management			
	BUS	279	Small Business Management			

#### Lawson State Community College--Course Sequence Guide (CSG) Degree Program: BAR- Barbering - Fall Admission

Cauras IS	Course Title	Credit	Hours	Industry Recognized	Committee
Course ID	Course Title		AOT	Certificate(s) Earned	Completed
Fall Semester O	ne Course Sequence	16	16		
ORI 101	Orientation to College	1	1		
BAR 108	Introducton to Barbering	3	3		
BAR 111	Introducton to Barbering Lab	3	3		
BAR 112	Science of Barbering	3	3		
BAR 113	Fundamentals of Barbering Applications	3	3		
BAR 120	Properties of Chemistry	3	3		
Spring Semeste	r One Course Sequence	18	18		
BAR 115	Cutting and Styling Techniques	3	3		
BAR 133	Styling and Management Lab	3	3		
BAR 121	Chemical Hair Processing	3	3		
BAR 122	Hair Coloring Chemistry	3	3		
BAR 124	Hair Coloring Methodology Lab	3	3		
BAR 130	Marketing and Business Management	3	3		
Summer Semes	ter One Course Sequence	14	12		
BAR 187	Special Topics in Barbering Trends	3	3		
BAR 141	Practicum II	2			
Area I	ENG 101 (AOT) or COM 100 (CER)	3	3		
Area V	CIS 130 Introduction to Information Systems (Preferred)	3	3		
Area v	or CIS 146 Microcomputer Applications	3	3		
Area III	MTH 116 Mathematical Applications (Preferred) or	3	3		
F-II Commenter T	MTH 100 Intermediate Algebra	•	12		
	wo Course Sequence	6	13		l
BAR 143	State Board Review	3	3		
Area II	<b>SPH</b> 106, 107, or <b>116 (Preferred)</b> (CER or AOT)	3	3		
Area II	Humanities or Fine Arts		3		
Area IV	History or Social/Behavioral Science		3		
Area V	One credit hour PE course		1		
	or CER award are complete	54			
	r Two Course Sequence	0	17		
AREA V	One credit hour PE course		1		
Area III	Natural Science		4		
	Minor Elective		3		
	Minor Elective		3		
	Minor Elective		3		
	Minor Elective		3		
Requirements f	or AOT award are complete		76		

Approved Business AOT Electives (Need 12 Credit Hours)				
BUS	100	Intro Business		
BUS	210	Introduction to Accounting		
BUS	215	Business Communication		
BUS	275	Principles of Management		
BUS	276	Human Resource Management		
BUS	279	Small Business Management		

#### Lawson State Community College--Course Sequence Guide (CSG) Degree Program: BAR- Barbering - Spring Admission

Course ID	Course Title			Industry Recognized	Completed
		CER	AAS	Certificate(s) Earned	·
Spring Semester	One Course Sequence	13	13		
ORI 101	Orientation to College	1	1		
BAR 115	Cutting and Styling Techniques	3	3		
BAR 133	Styling and Management Lab	3	3		
Area I	ENG 101 (AOT) or COM 100 (CER)	3	3		
Area V	CIS 130 Introduction to Information Systems (Preferred) or CIS 146 Microcomputer Applications	3	3		
Summer Semesto	er One Course Sequence	14	15		
BAR 141	Practicum II	2			
BAR 187	Special Topics in Barbering Trends	3	3		
BAR 120	Properties of Chemistry	3	3		
Area II	<b>SPH</b> 106, 107, or <b>116 (Preferred)</b> (CER or AOT)	3	3		
Area III	MTH 116 Mathematical Applications (Preferred) or MTH 100 Intermediate Algebra	3	3		
Area II	Humanities or Fine Arts		3		
Fall Semester Co	urse Sequence	15	15		
BAR 108	Introducton to Barbering	3	3		
BAR 111	Introducton to Barbering Lab	3	3		
BAR 112	Science of Barbering	3	3		
BAR 113	Fundamentals of Barbering Applications	3	3		
BAR 143	State Board Review	3	3		
Requirements fo	r STC award are complete				
Spring Semester	Two Course Sequence	12	15		
BAR 121	Chemical Hair Processing	3	3		
BAR 122	Hair Coloring Chemistry	3	3		
BAR 124	Hair Coloring Methodology Lab	3	3		
BAR 130	Marketing and Business Management	3	3		
Area IV	History or Social/Behavioral Science		3		
Requirements fo	r CER award are complete	54			
Summer Semesto	er Two Course Sequence		18		
Area V	One credit hour PE course		1		
AREA V	One credit hour PE course		1		
Area III	Natural Science		4		
1	Minor Elective		3		
1	Minor Elective		3		
1	Minor Elective		3		
1	Minor Elective		3		
Requirements fo	r AAS award are complete		76		

Approved Business AOT Electives (Need 12 Credit Hours)					
BUS	100	Intro Business			
BUS	210	Introduction to Accounting			
BUS	215	Business Communication			
BUS	275	Principles of Management			
BUS	276	Human Resource Management			
BUS	279	Small Business Management			

#### Lawson State Community College--Course Sequence Guide (CSG) Degree Program: BAR- Barbering - Summer Admission

Course ID	Course Title			Industry Recognized	Completed	
664.56 15	course ritie	CER AAS		Certificate(s) Earned	Completes.	
Summer Semeste	er One Course Sequence	13	13			
ORI 101	Orientation to College	1	1			
BAR 120	Properties of Chemistry	3	3			
BAR 187	Special Topics in Barbering Trends	3	3			
Area I	ENG 101 (AOT) or COM 100 (CER)	3	3			
Area V	CIS 130 Introduction to Information Systems (Preferred)	3	3			
	or CIS 146 Microcomputer Applications					
Fall Semester On	e Course Sequence	15	15			
BAR 108	Introducton to Barbering	3	3			
BAR 111	Introducton to Barbering Lab	3	3			
BAR 112	Science of Barbering	3	3			
BAR 113	Fundamentals of Barbering Applications	3	3			
Area II	<b>SPH</b> 106, 107, or <b>116 (Preferred)</b> (CER or AOT)	3	3			
Spring Semester	Course Sequence	18	18			
BAR 121	Chemical Hair Processing	3	3			
BAR 122	Hair Coloring Chemistry	3	3			
BAR 124	Hair Coloring Methodology Lab	3	3			
BAR 130	Marketing and Business Management	3	3			
BAR 115	Cutting and Styling Techniques	3	3			
BAR 133	Styling and Management Lab	3	3			
Requirements for	r STC award are complete					
Summer Semeste	er Two Course Sequence	5	10			
BAR 141	Practicum II	2				
Area III	MTH 116 Mathematical Applications (Preferred) or	3	3			
	MTH 100 Intermediate Algebra	,				
Area II	Humanities or Fine Arts		3			
Area IV	History or Social/Behavioral Science		3			
AREA V	One credit hour PE course		1			
Requirements for	r CER award are complete	51				
Fall Semester Tw	o Course Sequence	3	20			
BAR 143	State Board Review	3	3			
AREA V	One credit hour PE course		1			
Area III	Natural Science		4			
AREA V	Minor Elective		3			
AREA V	Minor Elective		3			
AREA V	Minor Elective		3			
AREA V	Minor Elective		3			
Requirements fo	r AAS award are complete	54	76			

Approved Business AOT Electives (Need 12 Credit Hours)				
BUS	100	Intro Business		
BUS	BUS 210 Introduction to Accounting			
BUS	215	Business Communication		
BUS	275	Principles of Management		

Degree Program:

**Building Construction - Fall Start** 

Course ID		Course Title	Credit Hours		Industry Recognized	Notes
		Course Title	STC	AAS	Certificate(s) Earned	Notes
Fall Semester One Course Sequence				14		
ORI 101		Orientation to College	1	1		
CMT 101	T1	Construction Materials and Methods	3	3		
BUC 110	T2	Basic Construction Tools and Materials	3	3		
CMT 114		Construction Safety	1	1		
BUC 115	T2	Roof and Ceiling Framing	3	3		
Area III		MTH 116 Mathematical Applications or MTH 100 Intermediate Algebra		3		
Spring Semester	One Co	urse Sequence	9	15		
BUC 141	T1	On-Grade Concrete Applications	3	3		
		Construction Elective	3	3		
BUC 121	T1	Floors and Walls Framing	3	3		
Area I		ENG 101 English Composition I		3		
Area V		CIS 130 Introduction to Information Systems or CIS 146 Microcomputer Applications		3		
Summer Semest	er Cours	se Sequence	9	12		
BUC 113	T1	Basic Construction Print Reading	3	3		
		Construction Elective	3	3		
		Construction Elective	3	3		
		Construction Elective		3		
Requirements fo	or STC av	ward are complete	29			
all Semester Tv	vo Cours	se Sequence	0	12		
		Construction Elective		3		
Area III		Natural Science		4		
AREA V		One credit hour PE course		1		
AREA V		One credit hour PE course		1		
Area II		SPH 106, 107,or 116 (CER or AAS)		3		
Spring Semester	Two Co	urse Sequence		12		
		Construction Elective		3		
		Construction Elective		3		
Area II		Humanities or Fine Arts		3		
Area IV		History or Social/Behavioral Science		3		
Requirements fo	or AAS a	ward are complete		65		

Fall Semester Electives				
BUC 131	T1	Interior and Exterior Finishes		
BUC 143	T2	Above-Grade Concrete Applications		

Spring Semester Electives				
BUC 133	T1	Building Codes		
CMT 205	T2	Construction Management		
CMT 156	T1	Construction Law		
CMT 208	T2	Project Planning and Scheduling		

Summer Semester Electives					
CMT 206	Construction Estimating				
BUC 164	Decks and Patios				
BUC 150	Homebuilders Licensure				
BUC 238	Cooperative Work Experience				

Degree Program:

**Building Construction - Fall Start** 

Course ID		Course Title	Cre	dit Hours	Industry Recognized	Notes
Course ID		Course ride		AAS	Certificate(s) Earned	Notes
Spring Semeste	r One Cou	rse Sequence	9	15		
BUC 141	T1	On-Grade Concrete Applications	3	3		
		Construction Elective	3	3		
BUC 121	T1	Floors and Walls Framing	3	3		
Area I		ENG 101 English Composition I		3		
Area V		CIS 130 Introduction to Information Systems or CIS 146 Microcomputer Applications		3		
Summer Semes	ter Course	Sequence	9	12		
BUC 113	T1	Basic Construction Print Reading	3	3		
		Construction Elective	3	3		
		Construction Elective	3	3		
		Construction Elective		3		
Fall Semester O	ne Course	Sequence	11	14		
ORI 101		Orientation to College	1	1		
CMT 101	T1	Construction Materials and Methods	3	3		
BUC 110	T2	Basic Construction Tools and Materials	3	3		
CMT 114		Construction Safety	1	1		
BUC 115	T2	Roof and Ceiling Framing	3	3		
Area III		MTH 116 Mathematical Applications or MTH 100 Intermediate Algebra		3		
Requirements f	or STC awa	ard are complete	29			
Spring Semeste	r Two Cou	rse Sequence		12		
		Construction Elective		3		
		Construction Elective		3		
Area II		Humanities or Fine Arts		3		
Area IV		History or Social/Behavioral Science		3		
Fall Semester T	wo Course	Sequence		12		
		Construction Elective		3		
Area III		Natural Science		4	i	
AREA V		One credit hour PE course		1	i	
AREA V		One credit hour PE course		1	<u> </u>	
Area II		SPH 106, 107,or 116 (CER or AAS)		3		
		ard are complete		65		

Fall Semester Electives				
BUC 131	T1	Interior and Exterior Finishes		
BUC 143	T2	Above-Grade Concrete Applications		

Spring Semester Electives				
BUC 133	T1	Building Codes		
CMT 205	T2	Construction Management		
CMT 156	T1	Construction Law		
CMT 208	T2	Project Planning and Scheduling		

Summer Semester Electives				
CMT 206	Construction Estimating			
BUC 164	Decks and Patios			
BUC 150	Homebuilders Licensure			
BUC 238	Cooperative Work Experience			

Degree Program:

**Building Construction - Fall Start** 

Course ID	Course Title		dit Hours	Industry Recognized	Notes
Course ID	course ritte	STC	AAS	Certificate(s) Earned	Notes
ummer Semester O	ne Course Sequence	10	13		
ORI 101	Orientation to College	1	1		
BUC 113	Basic Construction Print Reading	3	3		
	Construction Elective	3	3		
	Construction Elective	3	3		
Area III	MTH 116 Mathematical Applications or		3		
, trea in	MTH 100 Intermediate Algebra		3		
				<u> </u>	
Fall Semester One Co		13	13	<u> </u>	
CMT 101	Construction Materials and Methods	3	3		
BUC 110	Basic Construction Tools and Materials	3	3		
CMT 114	Construction Safety	1	1		
BUC 115	Roof and Ceiling Framing	3	3		
	Construction Elective	3	3		
Spring Semester One		6	15	•	
BUC 141	On-Grade Concrete Applications	3	3		
BUC 121	Floors and Walls Framing	3	3		
	Construction Elective		3		
	Construction Elective		3		
	Construction Elective		3		
	C award are complete	29			
Summer Semester T	wo Course Sequence	0	12	<del> </del>	
	Construction Elective		3		
Area V	CIS 130 Introduction to Information Systems or		3		
Area II	CIS 146 Microcomputer Applications Humanities or Fine Arts		3		
Area I			3		
Arear	ENG 101 English Composition I		3		
Fall Semester Two Co	ource Seguence		12		
Area IV	History or Social/Behavioral Science		3		
Area III	Natural Science		4		
AREA V	One credit hour PE course		1	<del> </del>	
AREA V	One credit hour PE course		1	<del> </del>	
Area II			3	<del> </del>	
AI E d II	SPH 106, 107,or 116 (CER or AAS)		3	+	
Poguiromente for 4	AS award are complete		65		
Requirements for AA	AS award are complete		65		

Fall Semester Electives					
BUC 131	T1	Interior and Exterior Finishes			
BUC 143	T2	Above-Grade Concrete Applications			

Spring Semester Electives					
BUC 133	T1	Building Codes			
CMT 205	T2	Construction Management			
CMT 156	T1	Construction Law			
CMT 208	T2	Project Planning and Scheduling			

	Summer Semester Electives				
CMT 206	Construction Estimating				
BUC 164	Decks and Patios				
BUC 150	Homebuilders Licensure				
BUC 238	Cooperative Work Experience				

# Lawson State Community College--Course Sequence Guide (CSG) Degree Program: COS- Cosmetology Fall Admission

Course ID	Course Title			Industry Recognized	Completed
200.50 12	course True	CER	AOT	Certificate(s) Earned	Completes
all Semester O	ne Course Sequence	16	16		
ORI 101	Orientation to College	1	1		
COS 111	Intro to Cosmetology	3	3		
COS 112	Intro to Cosmetology Lab	3	3		
COS 113	Theory of Chemical Services	3	3		
COS 114	Chemical Services Lab	3	3		
	COM 100 Career Technical English (CER) or		_		
Area I	ENG 101 English Composition I (CER or AOT)	3	3		
Spring Semester	r One Course Sequence	15	15		
COS 115	Hair Coloring Theory	3	3		
COS 116	Hair Coloring Lab	3	3		
COS 117	Basic Spa Techniques	3	3		
COS 118	Basic Spa Techniques Lab	3	3		
,	CIS 130 Introduction to Information Systems OR CIS				
Area V	146 Microcomputer Applications	3	3		
Requirements fo	or STC award are complete				
Summer Semest	ter One Course Sequence	12	13		
COS 145	Hair Shaping Lab	3	3		
COS 151	Nail Care	3	3		
	MTH 116 Mathematical Computations or		_		
Area III	MTH 100 Intermediate Algebra	3	3		
Area II	SPH 103 (CER) or	3	3		
	SPH 106, 107, or 116 (CER or AOT)	J			
Area V	One credit hour PE course		1		
Fall Semester Tu	wo Course Sequence	9	16		•
COS 167	State Board Review	3	3		
	CIS 191 Cooperative Learning or	3	3		
	COS 123 Cosmetology Salon Practices				
COS 143	Specialty Hair Prep Techniques	3	3		
AREA II	Humanities or Fine Arts		3		
Area IV	History or Social/Behavioral Science		3		
Area V	One credit hour PE course		1		
Requirements fo	or CER award are complete	52			
Spring Semester	r Two Course Sequence		16		
Area III	Natural Science		4		
	Minor Elective		3		
	Minor Elective		3		
	Minor Elective		3		
	Minor Elective		3		
Poquiromonto f	or AOT award are complete		76		•

	Approved Business AOT Electives (Need 12 Credit Hours)
BUS 100	Intro Business
BUS 210	Introduction to Accounting
BUS 215	Business Communication
BUS 275	Principles of Management
BUS 276	Human Resource Management
BUS 279	Small Business Management

# Lawson State Community College--Course Sequence Guide (CSG) Degree Program: COS- Cosmetology Spring Admission

Course ID	Course Title			Industry Recognized	Completed
		CER	AOT	Certificate(s) Earned	
Spring Semester	One Course Sequence	16	16		_
ORI 101	Orientation to College	1	1		
COS 111	Intro to Cosmetology	3	3		
COS 112	Intro to Cosmetology Lab	3	3		
COS 117	Basic Spa Techniques	3	3		
COS 118	Basic Spa Techniques Lab	3	3		
Area II	SPH 103 (CER) or	3	3		
	SPH 106, 107, or 116 (CER or AOT)		,		
Summer Semest	ter One Course Sequence	12	13		_
COS 145	Hair Shaping Lab	3	3		
COS 151	Nail Care	3	3		
Area I	COM 100 Career Technical English (CER) or	3	3		
	ENG 101 English Composition I (CER or AOT)		ŭ		
Area III	MTH 116 Mathematical Computations or	3	3		
Area V	MTH 100 Intermediate Algebra  One credit hour PE course		1		
			1		
	or STC award are complete	12	15		
	ne Course Sequence	12	15		
COS 113	Theory of Chemical Services	3	3		
COS 114	Chemical Services Lab	3	3		
	CIS 191 Cooperative Learning or	3	3		
COS 143	COS 123 Cosmetology Salon Practices	3	3		
	Specialty Hair Prep Techniques	3			
AREA II	Humanities or Fine Arts	40	3		
	Two Course Sequence	12	16		<del>                                     </del>
COS 167	State Board Review	3	3		
COS 115	Hair Coloring Theory	3	3		
COS 116	Hair Coloring Lab	3	3		
Area V	CIS 130 Introduction to Information Systems OR CIS	3	3		
Area IV	146 Microcomputer Applications		2		1
	History or Social/Behavioral Science	-	3		
Area V	One credit hour PE course		1		
	or CER award are complete	52			
	ter Two Course Sequence		16		
Area III	Natural Science		4		<u> </u>
	Minor Elective		3		
	Minor Elective		3		
	Minor Elective		3		
	Minor Elective		3		
Requirements fo	or AOT award are complete		76		

	Approved Business AOT Electives (Need 12 Credit Hours)
BUS 100	Intro Business
BUS 210	Introduction to Accounting
BUS 215	Business Communication
BUS 275	Principles of Management
BUS 276	Human Resource Management
BUS 279	Small Business Management

# Lawson State Community College--Course Sequence Guide (CSG) Degree Program: COS- Cosmetology Summer Admission

Course ID	Course Title			Industry Recognized	Completed
		CER	AOT	Certificate(s) Earned	
	ster One Course Sequence	13	13		<u> </u>
ORI 101	Orientation to College	1	1		
COS 145	Hair Shaping Lab	3	3		
COS 151	Nail Care	3	3		
Area I	COM 100 Career Technical English (CER) or	3	3		
	ENG 101 English Composition I (CER or AOT)	_	_		
Area III	MTH 116 Mathematical Computations or MTH 100 Intermediate Algebra	3	3		
	Will 100 intermediate Algebra	1			
all Semester C	One Course Sequence	15	15		
COS 111	Intro to Cosmetology	3	3		
COS 111	Intro to Cosmetology  Intro to Cosmetology Lab	3	3		
COS 112		3	3		
	Theory of Chemical Services		3		
COS 114	Chemical Services Lab	3	3		
Area II	SPH 103 (CER) or SPH 106, 107, or 116 (CER or AOT)	3	3		
Requirements f	for STC award are complete				
	er One Course Sequence	15	15		
OS 115	Hair Coloring Theory	3	3		
COS 116	Hair Coloring Lab	3	3		
COS 117	Basic Spa Techniques	3	3		
COS 118	Basic Spa Techniques Lab	3	3		
	CIS 130 Introduction to Information Systems OR CIS				
Area V	146 Microcomputer Applications	3	3		
Summer Semes	ter Two Course Sequence	0	16		
Area III	Natural Science		3		
	Minor Elective		3		
	Minor Elective		3		
AREA II	Humanities or Fine Arts		3		
Area IV	History or Social/Behavioral Science		3		
Area V	One credit hour PE course		1		
	wo Course Sequence	9	16		T
COS 143	Specialty Hair Prep Techniques	3	3		
COS 167	State Board Review CIS 191 Cooperative Learning or	3	3		
	COS 123 Cosmetology Salon Practices	3	3		
	Minor Elective		3		
	Minor Elective		3		
Area V	One credit hour PE course		1		
	for CER award are complete	52	_		
	for AOT award are complete	- 32	75		
	· · · · · · · · · · · · · · · · · · ·			Developmental courses are	

	Approved Business AOT Electives (Need 12 Credit Hours)
BUS 100	Intro Business
BUS 210	Introduction to Accounting
BUS 215	Business Communication
BUS 275	Principles of Management
BUS 276	Human Resource Management
BUS 279	Small Business Management

# Lawson State Community College--Course Sequence Guide (CSG) Degree Program: Culinary Arts--- Fall Day Start

		Cr	edit Ho	urs	Recognized	_
Course ID	Course Title	STC	CER	AAS	Certificate(s)	Complete
all Semester One	Course Sequence	13	16	16		•
ORI 101	Orientation to College	1	1	1	1	
CUA 110	Basic Food Preparation	3	3	3		
CUA 120	Basic Food Preparation Lab	2	2	2		
CUA 116	Sanitation and Safety	3	3	3		
CUA 180	Special Topics: Terminology	1	1	1		
HSM 111	Orientation to the Hospitality Industry	3	3	3		
	COM 100 Career Technical English (CER) or					
Area I	ENG 101 (CER or AAS)		3	3		
Spring Semester O	ne Course Sequence	15	15	16		
CUA 115	Advanced Food Preparation	3	3	3		
CUA 182	Special Topics: Beverage and Dining Management	3	3	3		
CUA 204	Foundations of Baking	3	3	3		
CUA or	<u> </u>					
HSM	Approved CUA or HSM Elective	3	3	3		
CUA or						
HSM	Approved CUA or HSM Elective	3	3	3		
Area V	1 credit hour PE course			1		
Requirements for S	TC award are complete	28				
Summer Semester	Course Sequence	0	12	12		
Area II	SPH 106, 107,or <b>116 (Preferred)</b> (CER or AAS)		3	3		
CUA 111	Foundation in Nutrition		3	3		
CUA 201	Meat Preparation and Processing		3	3		
CUA or						
HSM	Approved CUA or HSM Elective		3	3		
Fall Semester Two	Course Sequence		6	13		
CUA 205	Intro to Garde Manger			3		
CUA 208	Advanced Baking			3		
	MTH 116 Mathematical Applications (Preferred) or					
Area III	MTH 100 Intermediate Algebra		3	3		
,	CIS 130 Introduction to Information Systems (Preferred)			_		
Area V	or CIS 146 Microcomputer Applications		3	3		
AREA V	1 credit hour PE course			1		
	CER award are complete		49			
	vo Course Sequence			13		
CUA 286	Culinary Capstone/Directed Studies			3		
Area II	Humanities or Fine Arts			3		
Area III	Natural Science			4		
Area IV	History or Social/Behavioral Science			3		
	AAS award are complete			70		

		Fall Electives	
		No Fall Electives	
		Spring Electives	
CUA	213	Food Purchasing and Cost Control	Day
CUA	215	Regional Cuisines of The Americas	Night
CUA	262	Restaurant Management and Supervision	Night
HSM	112	Law and the Hospitality Industry	Day
HSM	232	Event Logistics and Entertainment	Day

Summer Electives						
262	Restaurant Management and Supervision	Day				
282	Culinary Trends	Day				
213	Food Purchasing and Cost Control	Night				
112	Law and the Hospitality Industry	Night				
	282 213	Summer Electives  262 Restaurant Management and Supervision  282 Culinary Trends  213 Food Purchasing and Cost Control  112 Law and the Hospitality Industry				

Degree Program:

Culinary Arts--- Spring Day Start

Course ID	Course Title	Cre	dit Ho	urs	Industry Recognized
	554.555	STC	CER	AAS	Certificate(s) Available
Spring Semester One	Course Sequence	16	16	16	
ORI 101	Orientation to College	1	1	1	
CUA 116	Sanitation and Safety	3	3	3	
CUA 182	Special Topics: Beverage and Dining Management	3	3	3	
CUA 204	Foundations of Baking	3	3	3	
CUA or HSM	Approved CUA or HSM Elective	3	3	3	
CUA or HSM	Approved CUA or HSM Elective	3	3	3	
Summer Semester O	na Course Seguence	0	15	15	
CUA 111	Foundation in Nutrition		3	3	
CUA 201	Meat Preparation and Processing		3	3	
2071201	COM 100 Career Technical English (CER) or			,	
Area I	ENG 101 (CER or AAS)		3	3	
CUA or HSM	Approved CUA or HSM Elective		3	3	
	CIS 130 Introduction to Information Systems				
Area V	(Preferred) or CIS 146 Microcomputer Applications		3	3	
Fall Semester Course	Sequence	9	9	15	
CUA 110	Basic Food Preparation	3	3	3	
CUA 120	Basic Food Preparation Lab	2	2	2	
CUA 180	Special Topics: Terminology	1	1	1	
HSM 111	Orientation to the Hospitality Industry	3	3	3	
CUA 205	Intro to Garde Manger			3	
CUA 208	Advanced Baking			3	
Requirements for ST	C award are complete	25			
Spring Semester Two	Course Sequence	3	9	12	
CUA 115	Advanced Food Preparation	3	3	3	
CUA 286	Culinary Capstone/Directed Studies			3	
	MTH 116 Mathematical Applications (Preferred) or				
Area III	MTH 100 Intermediate Algebra		3	3	
Area II	SPH 106, 107,or <b>116 (Preferred)</b> (CER or AAS)		3	3	
	R award are complete		49		
Summer Semester Tv				12	
Area II	Humanities or Fine Arts			3	
Area III	Natural Science			4	
Area IV	History or Social/Behavioral Science			3	
Area V	1 credit hour PE course			1	
Area V	1 credit hour PE course			1	
Requirements for AA	S award are complete			70	

Fall Electives				
	No Fall Electives			

		Spring Electives	
CUA	213	Food Purchasing and Cost Control	Day
CUA	215	Regional Cuisines of The Americas	Night
CUA	262	Restaurant Management and Supervision	Night
HSM	112	Law and the Hospitality Industry	Day
HSM	232	Event Logistics and Entertainment	Day

		Summer Electives	
CUA	262	Restaurant Management and Supervision	Day
CUA	282	Culinary Trends	Day
CUA	213	Food Purchasing and Cost Control	Night
HSM	112	Law and the Hospitality Industry	Night

Degree Program: Culinary Arts--- Summer Day Start

Course ID	Course Title	Cre	dit Ho	urs	Industry Recognized Certificate(s) Available
		STC	CER	AAS	
Summer Semester C	One Course Sequence	1	13	13	
ORI 101	Orientation to College	1	1	1	
CUA 111	Foundation in Nutrition		3	3	
CUA or HSM	Approved CUA or HSM Elective		3	3	
	MTH 116 Mathematical Applications (Preferred) or				
Area III	MTH 100 Intermediate Algebra		3	3	
	CIS 130 Introduction to Information Systems				
Area V	(Preferred) or CIS 146 Microcomputer Applications		3	3	
Fall Semester One C	ourse Sequence	12	15	15	
CUA 110	Basic Food Preparation	3	3	3	
CUA 120	Basic Food Preparation Lab	2	2	2	
CUA 116	Sanitation and Safety	3	3	3	
CUA 180	Special Topics: Terminology	1	1	1	
HSM 111	Orientation to the Hospitality Industry	3	3	3	
	COM 100 Career Technical English (CER) or				
Area I	ENG 101 (CER or AAS)		3	3	
Spring Semester On		12	15	16	
CUA 115	Advanced Food Preparation	3	3	3	
CUA 182	Special Topics: Beverage and Dining Management	3	3	3	
CUA 204	Foundations of Baking	3	3	3	
CUA or HSM	Approved CUA or HSM Elective	3	3	3	
Area II	SPH 106, 107, or <b>116 (Preferred)</b> (CER or AAS)		3	3	
AREA V	1 credit hour PE course			1	
Summer Semester C	Course Sequence	3	6	10	
CUA 201	Meat Preparation and Processing		3	3	
CUA or HSM	Approved CUA or HSM Elective	3	3	3	
Area II	Humanities or Fine Arts			3	
AREA V	1 credit hour PE course			1	
Requirements for ST	C award are complete	28			
Fall Semester Two C		0	0	16	
CUA 205	Intro to Garde Manger			3	
CUA 208	Advanced Baking			3	
Area III	Natural Science			4	
Area IV	History or Social/Behavioral Science			3	
CUA 286	Culinary Capstone/Directed Studies			3	
			49	Ĺ,	
	ER award are complete		49	70	
Requirements for A	AS award are complete			70	

Fall Electives	
No Fall Electives	

requisite courses. The schedule is valid for FALL DAY Admission.

		Spring Electives	
CUA	213	Food Purchasing and Cost Control	Day
CUA	215	Regional Cuisines of The Americas	Night
CUA	262	Restaurant Management and Supervision	Night
HSM	112	Law and the Hospitality Industry	Day
HSM	232	Event Logistics and Entertainment	Day

	Summer Electives						
CUA	262	Restaurant Management and Supervision	Day				
CUA	282	Culinary Trends	Day				
CUA	213	Food Purchasing and Cost Control	Night				
HSM	112	Law and the Hospitality Industry	Night				

Degree Program: Design Engineering Technology

Course ID		Course Title	Cred	dit Ho	urs	Industry Recognized Certificate(s)	
Course ID		course ride		CER	AAS	Available	
Fall Semester On	e Course	Sequence	10	13	13		
ORI 101		Orientation to College	1	1	1		
ADM 102		Computer Aid Design	3	3	3		
DDT 111		Fund of Drafting and Design	3	3	3		
DDT 124		Intro to Technical Drawing	3	3	3		
Area III		MTH 116 Mathematical Applications (Preferred) or MTH 100 Intermediate Algebra		3	3		
Spring Semester	One Cou		12	15	15		
AET 110		Basic Architectural CAD	3	3	3		
DDT 128		Intermediate Technical Drawing	3	3	3		
AET 191	T1	Basic Building Information Modeling	3	3	3		
AET 291	T2	Advanced Building Info Modeling	3	3	3		
Area I		COM 100 Career Technical English (CER) or ENG 101 English Composition I (CER or AAS)		3	3		
Summer Semeste	er Course		6	9	12		
AET 221		Energy Design of Buildings	3	3	3		
DDT 113		Blueprint Reading	3	3	3		
Area II		SPH 106, 107,or <b>116 (Preferred)</b> (CER or AAS)		3	3		
Area II		Humanities or Fine Arts			3		
Requirements for	r STC awa	ard are complete	28				
Fall Semester Tw			0	9	12		
ADM 118		Intro to 3D Studio Max			3		
DDT 217		Building Codes-Ordinances-Zone		3	3		
DDT 231		Advanced CAD		3	3		
Area V		CIS 130 Introduction to Information Systems (Preferred) or CIS 146 Microcomputer Applications		3	3		
Requirements fo	r CER awa	ard are complete		46			
Spring Semester	Two Cou	rse Sequence			15		
ADM 255		Application of Design Capstone			3		
ADM 261		Reverse Engineering			3		
Area IV		History or Social/Behavioral Science			3		
Area III		Natural Science - PHS 112 Preferred			4		
AREA V		One credit hour PE course			1		
AREA V		One credit hour PE course			1		
Requirements fo	r AAS aw	ard are complete			67		

**Degree Program:** 

Course ID		Course Title	Cre	dit Ho	urs	Industry Recognized
				CER	AAS	Certificate(s) Available
pring Semester (	ne Cour	se Sequence	13	16	16	
ORI 101		Orientation to College	1	1	1	
AET 110		Basic Architectural CAD	3	3	3	
DDT 128		Intermediate Technical Drawing	3	3	3	
AET 191	T1	Basic Building Information Modeling	3	3	3	
AET 291	T2	Advanced Building Info Modeling	3	3	3	
Area III		MTH 116 Mathematical Applications (Preferred) or MTH 100 Intermediate Algebra		3	3	
Summer Semeste	r One Co	urse Sequence	6	12	12	
AET 221		Energy Design of Buildings	3	3	3	
DDT 113		Blueprint Reading	3	3	3	
Area I		COM 100 Career Technical English (CER) or ENG 101 English Composition I (CER or AAS)		3	3	
Area V		CIS 130 Introduction to Information Systems (Preferred) or CIS 146 Microcomputer Applications		3	3	
Fall Semester Cou	rse Sequ	ence	9	15	18	
ADM 102		Computer Aid Design	3	3	3	
DDT 111		Fund of Drafting and Design	3	3	3	
DDT 124		Intro to Technical Drawing	3	3	3	
ADM 118		Intro to 3D Studio Max			3	
DDT 217		Building Codes-Ordinances-Zone		3	3	
DDT 231		Advanced CAD		3	3	
Requirements for	STC awa	rd are complete	28			
Spring Semester T	wo Cour	se Sequence	0	3	14	
ADM 255		Application of Design Capstone			3	
ADM 261		Reverse Engineering			3	
Area V		CIS 130 Introduction to Information Systems (Preferred) or CIS 146 Microcomputer Applications		3	3	
Area III		Natural Science - PHS 112 Preferred			4	
AREA V		One credit hour PE course			1	
Requirements for	CER awa	ord are complete		46		
Summer Semeste					7	
Area IV		History or Social/Behavioral Science			3	
Area II		Humanities or Fine Arts			3	
AREA V		One credit hour PE course			1	
			1			

**Degree Program:** 

Course ID	Course Title	Cre	dit Ho	urs	Industry Recognized	
304.13		STC	CER	AAS	Certificate(s) Available	
Summer Semester (	One Course Sequence	4	10	13		
ORI 101	Orientation to College	1	1	1		
DDT 113	Blueprint Reading	3	3	3		
Area V	CIS 130 Introduction to Information Systems (Preferred) or CIS 146 Microcomputer Applications		3	3		
Area III	MTH 116 Mathematical Applications (Preferred) of MTH 100 Intermediate Algebra	r	3	3		
Area IV	History or Social/Behavioral Science			3		
Fall Semester One (	Course Sequence	9	12	12		
ADM 102	Computer Aid Design	3	3	3		
DDT 111	Fund of Drafting and Design	3	3	3		
DDT 124	Intro to Technical Drawing	3	3	3		
Area I	COM 100 Career Technical English (CER) or ENG 101 English Composition I (CER or AAS)		3	3		
	ne Course Sequence	12	15	15		
AET 110	Basic Architectural CAD	3	3	3		
DDT 128	Intermediate Technical Drawing	3	3	3		
AET 191	T1 Basic Building Information Modeling	3	3	3		
AET 291	T2 Advanced Building Info Modeling	3	3	3		
Area II	SPH 106, 107,or <b>116 (Preferred)</b> (CER or AAS)		3	3		
Summer Semester (	Course Sequence	3	3	7		
AET 221	Energy Design of Buildings	3	3	3		
Area II	Humanities or Fine Arts			3		
AREA V	One credit hour PE course			1		
Requirements for S	TC award are complete	28				
Fall Semester Two	· · · · · · · · · · · · · · · · · · ·	0	6	10		
ADM 118	Intro to 3D Studio Max			3		
DDT 217	Building Codes-Ordinances-Zone		3	3		
DDT 231	Advanced CAD		3	3		
AREA V	One credit hour PE course		3	1		
Poquiroments for C	ER award are complete		46			
	o Course Sequence		40	10		
ADM 255	Application of Design Capstone			3		
ADM 261	Reverse Engineering			3		
Area III	Natural Science - PHS 112 Preferred			4		
			1			

Program: Electrical (ILE) Short to ILT Degree --- DAY ---Fall Start

Course ID	Course Title	Cre	dit Ho	urs	Industry Recognized Certificate(s)
Course 1D	course true		CER	AAS	Earned
Fall Semester One	Course Sequence	13	16	16	
ORI101	Freshman Orientation	1	1	1	
EET 100	Introduction to Engineering Technologies	3	3	3	
ETC 101	DC Fundamentals	3	3	3	
ELT 116	Residential Wiring (6 hours)	6	6	6	
Area III	MTH 116 Mathematical Applications (Preferred) or MTH 100 Intermediate Algebra		3	3	
Spring Semester C	ne Course Sequence	9	12	15	
ELT 110	Wiring Methods	3	3	3	
ELT 118	Commercial/Industrial Wiring I	3	3	3	
ETC 102	AC Fundamentals	3	3	3	
ETC 108	Motor Controls		3	3	If short certificate only student ma substitute anv ELT elective
AUT 232	Sensor Technology and Applications			3	If short certificate only student ma substitute any ELT elective
Summer Semester	Course Sequence	6	6	12	
Area V	Electrical Short Elective	3		3	
AUT 208	Automated System Diagnosis and Troubleshooting			3	
Area V	Electrical Short Elective	3	3	3	
Area I	ENG 101 English Composition I		3	3	
Requirements for	STC award are complete	28			
Fall Semester Two	Course Sequence	0	6	12	
Area V+	CIS 130 Introduction to Information Systems (Preferred) or CIS 146 Microcomputer Applications		3	3	
Area II	Humanities or Fine Arts			3	
Area II	SPH 106, 107,or <b>116 (Preferred)</b> (CER or AAS)		3	3	
Area IV	History or Social/Behavioral Science			3	
Spring Semester T	wo Course Sequence		6	12	
ETC 103	Solid State Fundamentals		3	3	
ETC 104	Digital Fundamentals		3	3	
Area III	Natural Science - PHS 112 Preferred			4	
AREA V+	One credit hour PE course			1	
AREA V+	One credit hour PE course			1	
Requirements for	CER award are complete		46		
Requirements for	AAS award are complete			67	
NOTE: The catego	ry Total Credits Earned does not include any developmental cours	es. De	velopr	nenta	l courses are considered pre-requisite
courses. <i>The sched</i>	lule is valid for FALL DAY Admission.				

	Electrical Short Certificate Electives	
AUT 104	Blueprint Reading for Manufacturing	Fall
EET 226	Cable Splicing and Installation	Fall
ELT 117	AC & DC Machines	Spring
ETC 108	Motor Controls	Spring
AUT 199	Special Topics in Manufacturing	Summer

Program: Electrical (ILE) Short to ILT Degree --- DAY --- Spring Start

Course ID		Course Title	Cred	dit Ho	urs	Industry Recognized
			STC	CER	AAS	Certificate(s) Available
Spring Semester	One (	Course Sequence	10	13	17	
ORI101		Freshman Orientation	1	1	1	
ELT 110	M1	Wiring Methods	3	3	3	
ELT 118	T1	Commercial/Industrial Wiring I	3	3	3	
Area V		Electrical Short Elective	3	3	3	
Area III		MTH 116 Mathematical Applications (Preferred) or MTH 100 Intermediate Algebra		3	3	
Area III		Natural Science - PHS 112 Preferred			4	
Summer Semest	er On	e Course Sequence	3	6	13	
Area V		Electrical Short Elective	3		3	
Area I		ENG 101 English Composition I		3	3	
Area V+		CIS 130 Introduction to Information Systems (Preferred) or CIS 146 Microcomputer Applications		3	3	
Area IV		History or Social/Behavioral Science			3	
AREA V+		One credit hour PE course			1	
Fall Semester Co	urse S	Sequence	12	15	15	
EET 100	T1	Introduction to Engineering Technologies	3	3	3	
ETC 101	T2	DC Fundamentals	3	3	3	
ELT 116		Residential Wiring (6 hours)	6	6	6	
Area II		SPH 106, 107,or <b>116 (Preferred)</b> (CER or AAS)		3	3	
Spring Semester	Two	Course Sequence	3	12	15	
ETC 102	T	AC Fundamentals	3	3	3	
ETC 108		Motor Controls		3	3	
AUT 232		Sensor Technology and Applications			3	
ETC 103		Solid State Fundamentals		3	3	
ETC 104		Digital Fundamentals		3	3	
Requirements fo	or STC	award are complete	28			
Requirements fo	or CER	award are complete		46		
Summer Semest	er Tw	o Course Sequence			7	
AUT 208		Automated System Diagnosis and Troubleshooting			3	
Area II		Humanities or Fine Arts			3	
AREA V+		One credit hour PE course			1	
	or AAS	award are complete			67	

	Electrical Short Certificate Electives	
AUT 104	Blueprint Reading for Manufacturing	Fall
EET 226	Cable Splicing and Installation	Fall
ELT 117	AC & DC Machines	Spring
ETC 108	Motor Controls	Spring
AUT 199	Special Topics in Manufacturing	Summer

Program: Electrical (ILE) Short to ILT Degree --- DAY ---Summer Start

Course ID		Course Title	Credit Hours			Industry Recognized
				CER	AAS	Certificate(s) Available
Summer Semes	ter On	e Course Sequence	7	10	13	
ORI101		Freshman Orientation	1	1	1	
Area V		Electrical Short Elective	3	3	3	
Area V+		CIS 130 Introduction to Information Systems (Preferred) or CIS 146 Microcomputer Applications		3	3	
Area III		MTH 116 Mathematical Applications (Preferred) or MTH 100 Intermediate Algebra		3	3	
Area V		Electrical Short Elective	3		3	
Fall Semester O	ne Cou	urse Sequence	12	15	15	
EET 100	T1	Introduction to Engineering Technologies	3	3	3	
ETC 101	T2	DC Fundamentals	3	3	3	
ELT 116		Residential Wiring (6 hours)	6	6	6	
Area I		ENG 101 English Composition I		3	3	
Spring Semeste	r One	Course Sequence	9	12	15	
ELT 110		Wiring Methods	3	3	3	
ELT 118	T1	Commercial/Industrial Wiring I	3	3	3	
ETC 102		AC Fundamentals	3	3	3	
ETC 108		Motor Controls		3	3	
AUT 232		Sensor Technology and Applications			3	
Summer Semes	ter Co	urse Sequence	0	3	9	
AUT 208	Т	Automated System Diagnosis and Troubleshooting			3	
Area II		SPH 106, 107,or <b>116 (Preferred)</b> (CER or AAS)		3	3	
Area II		Humanities or Fine Arts			3	
Requirements f	or STC	award are complete	28			
Fall Semester Tv			0	0	9	
Area III		Natural Science - PHS 112 Preferred			4	
AREA V+		One credit hour PE course			1	
AREA V+		One credit hour PE course			1	
Area IV		History or Social/Behavioral Science			3	
Spring Semeste	r Two	Course Sequence		6	6	
ETC 103		Solid State Fundamentals		3	3	
ETC 104		Digital Fundamentals		3	3	
		award are complete award are complete		46	67	

	Electrical Short Certificate Electives		
AUT 104	Blueprint Reading for Manufacturing	Fall	
EET 226	Cable Splicing and Installation	Fall	
ELT 117	AC & DC Machines	Spring	
ETC 108	Motor Controls	Spring	
AUT 199	Special Topics in Manufacturing	Summer	

## Lawson State Community College--Course Sequence Guide (CSG) Program: Electronic Engineering Technology Short to ILT Degree --- DAY -- Fall Start

Course ID		Course Title	Cre	dit Ho	urs	Industry Recognized
Course ID		Course Title		CER	AAS	Certificate(s) Earned
Fall Semester Or	ie Co	urse Sequence	10	16	16	
ORI101		Freshman Orientation	1	1	1	
EET 100	T1	Introduction to Engineering Technologies	3	3	3	
ETC 101	T2	DC Fundamentals	3	3	3	Meter Certification
Area V		Industrial Electronics Elective	3	3	3	
Area V		Industrial Electronics Elective		3	3	
Area III		MTH 116 Mathematical Applications (Preferred)		3	3	
	<u> </u>	or MTH 100 Intermediate Algebra		Ĭ		
Spring Semester	_	Course Sequence	9	15	15	
ETC 102	T1	AC Fundamentals	3	3	3	
ETC 103		Solid State Fundamentals	3	3	3	
ETC 104		Digital Fundamentals	3	3	3	
ETC 108		Motor Controls		3	3	
AUT 232		Sensor Technology and Applications		3	3	
Summer Semest	er Co	urse Sequence	3	9	12	
AUT 208		Automated System Diagnosis and Troubleshooting	3	3	3	
Area V		Industrial Electronics Elective		3	3	
Area V		Industrial Electronics Elective			3	
Area I		ENG 101 English Composition I		3	3	
Requirements fo	r STC	award are complete	22			
Fall Semester Tw	o Co	urse Sequence	0	6	15	
Area V+		CIS 130 Introduction to Information Systems (Preferred) or CIS 146 Microcomputer Applications		3	3	
Area V		Industrial Electronics Elective			3	
Area V		Industrial Electronics Elective			3	
Area II		SPH 106, 107,or <b>116 (Preferred)</b> (CER or AAS)		3	3	
Area IV		History or Social/Behavioral Science			3	
Requirements fo	r CER	award are complete		46		
Spring Semester	Two	Course Sequence			9	
Area II		Humanities or Fine Arts			3	
Area III	1	Natural Science - PHS 112 Preferred			4	
AREA V+	1	One credit hour PE course			1	
AREA V+	1	One credit hour PE course			1	
	r AA	S award are complete			67	
		otal Credits Earned does not include any developmenta	l course	s. Dev	/elopm	nental courses are
onsidered nre-r	enuis	ite courses. The schedule is valid for FALL DAY Admission	n		•	

	Electronic Engineering Technology Electives		
ILT 194	Introduction to PLC	Fall	
AUT 199	Special Topics in Manufacturing	Summer	
ILT 198	Electronic Circuits	As needed	

		Fall Electives	
AUT 104		Blueprint Reading for Manufacturing	Fall
AUT 116	T1	Introduction to Robotics	Fall
AUT 212	T2	Robotic Operation & Programming	Fall
ELT 116		Residential Wiring (6 hours)	Fall
ILT 194		Introduction to PLC	Fall
ILT 196 or ILT 212		Advanced PLC or PLCs in Automated Systems	Fall
INT 118		Fundamentals of Industrial Hydraulics/Pneumatics	Fall

	Spring Electives	
AUT 214	Robotic Manuf. & Computer Simulation	Spring
ELT 110	Wiring Methods	Spring
ELT 117	AC & DC Machines	Spring
ELT 118	Commercial/Industrial Wiring I	Spring

	Summer Electives	
AUT 199	Special Topics in Manufacturing	Summer
EET 226	Cable Splicing and Installation	Summer
ILT 212	PLCs in Automated Systems	Summer

Program: Electronic Engineering Technology Short to ILT Degree --- DAY--Spring Start

Course ID		Course Title		lit Ho	urs	Industry Recognized
				CER	AAS	Certificate(s) Available
pring Semest	er One (	Course Sequence	1	10	16	
ORI101		Freshman Orientation	1	1	1	
Area V		Industrial Electronics Elective		3	3	
Area V		Industrial Electronics Elective			3	
Area V+		CIS 130 Introduction to Information Systems (Preferred) or CIS 146 Microcomputer Applications		3	3	
Area I		ENG 101 English Composition I		3	3	
Area IV		History or Social/Behavioral Science			3	
Summer Seme	ster On	e Course Sequence	3	12	13	
Area V		Industrial Electronics Elective	3	3	3	
Area V	1	Industrial Electronics Elective		3	3	
Area III		MTH 116 Mathematical Applications (Preferred) or MTH 100 Intermediate Algebra		3	3	
Area II		SPH 106, 107,or <b>116 (Preferred)</b> (CER or AAS)		3	3	
AREA V+		One credit hour PE course			1	
Fall Semester	Course S	Sequence	6	6	16	
EET 100	T1	Introduction to Engineering Technologies	3	3	3	
ETC 101	T2	DC Fundamentals	3	3	3	
Area V		Industrial Electronics Elective			3	
Area V		Industrial Electronics Elective			3	
Area III		Natural Science - PHS 112 Preferred			4	
Requirements	for STC	award are complete	10			
Spring Semest	er Two (	Course Sequence	9	15	15	
ETC 102	T1	AC Fundamentals	3	3	3	
ETC 103		Solid State Fundamentals	3	3	3	
ETC 104		Digital Fundamentals	3	3	3	
ETC 108		Motor Controls		3	3	
AUT 232		Sensor Technology and Applications		3	3	
Summer Seme	ster Tw	o Course Sequence		3	7	
AUT 208		Automated System Diagnosis and Troubleshooting	3	3	3	
Area II		Humanities or Fine Arts			3	
AREA V+		One credit hour PE course			1	
Requirements	for CER	award are complete		46		
Requirements	for AAS	award are complete			67	

Electronic Engineering Technology Electives					
ILT 194	Introduction to PLC	Fall			
AUT 199	Special Topics in Manufacturing	Summer			
ILT 198	Electronic Circuits	As needed			

requisite courses. The schedule is valid for FALL DAY Admission.

Fall Electives					
AUT 104		Blueprint Reading for Manufacturing	Fall		
AUT 116	T1	Introduction to Robotics	Fall		
AUT 212	T2	Robotic Operation & Programming	Fall		
ELT 116		Residential Wiring (6 hours)	Fall		
ILT 194		Introduction to PLC	Fall		
ILT 196 or ILT 212		Advanced PLC or PLCs in Automated Systems	Fall		
INT 118		Fundamentals of Industrial Hydraulics/Pneumatics	Fall		

Spring Electives					
AUT 214	Robotic Manuf. & Computer Simulation	Spring			
ELT 110	Wiring Methods	Spring			
ELT 117	AC & DC Machines	Spring			
ELT 118	Commercial/Industrial Wiring I	Spring			

Summer Electives				
AUT 199	Special Topics in Manufacturing	Summer		
EET 226	Cable Splicing and Installation	Summer		
ILT 212	PLCs in Automated Systems	Summer		

Program: Electronic Engineering Technology Short to ILT Degree --- DAY-- Summer Start

Course ID		Course Title	Cre	dit Ho	urs	Industry Recognized	
			STC	CER	AAS	Certificate(s) Available	
Summer Seme	ster Or	ne Course Sequence	1	10	13		
ORI101		Freshman Orientation	1	1	1		
Area V		Industrial Electronics Elective		3	3		
Area V		Industrial Electronics Elective			3		
Area V+		CIS 130 Introduction to Information Systems		3	3		
Alea V+		(Preferred) or CIS 146 Microcomputer Applications		3	3		
Area III		MTH 116 Mathematical Applications (Preferred) or		3	3		
- 110		MTH 100 Intermediate Algebra		45	45		
	_	urse Sequence	9	15	15		
EET 100	T1	Introduction to Engineering Technologies	3	3	3		
ETC 101	T2	DC Fundamentals	3	3	3		
Area V		Industrial Electronics Elective	3	3	3		
Area V		Industrial Electronics Elective		3	3		
Area I		ENG 101 English Composition I		3	3		
Spring Semest	er One	Course Sequence	9	15	15		
ETC 102	T1	AC Fundamentals	3	3	3		
ETC 103		Solid State Fundamentals	3	3	3		
ETC 104		Digital Fundamentals	3	3	3		
ETC 108		Motor Controls		3	3		
AUT 232		Sensor Technology and Applications		3	3		
Summer Seme	ester Co	ourse Sequence	3	6	12		
AUT 208		Automated System Diagnosis and Troubleshooting	3	3	3		
Area II		SPH 106, 107, or <b>116 (Preferred)</b> (CER or AAS)		3	3		
Area V		Industrial Electronics Elective			3		
Area IV		History or Social/Behavioral Science			3		
	for STO	award are complete	22		-		
		R award are complete	22	46			
		urse Sequence	0	0	12		
Area II	1	Humanities or Fine Arts			3		
Area III	+	Natural Science - PHS 112 Preferred			4		
AREA V+	+	One credit hour PE course			1		
AREA V+	+	One credit hour PE course  One credit hour PE course			1		
Area V	+	Industrial Electronics Elective			3		
	6 A A				5 67		
		S award are complete  Fotal Credits Earned does not include any developmental	courses	. Deve		ental courses are considered	
	0 ,	schedule is valid for FALL DAY Admission.					

Electronic Engineering Technology Electives					
ILT 194	Introduction to PLC	Fall			
AUT 199	Special Topics in Manufacturing	Summer			
ILT 198	Electronic Circuits	As needed			

Fall Electives					
AUT 104		Blueprint Reading for Manufacturing			
AUT 116	T1	Introduction to Robotics			
AUT 212	T2	Robotic Operation & Programming			
ELT 116		Residential Wiring (6 hours)			
ILT 194		Introduction to PLC			
ILT 196		Advanced PLC			
INT 118		Fundamentals of Industrial Hydraulics/Pneumatics			

Spring Electives					
AUT 214	Robotic Manuf. & Computer Simulation				
ELT 110	Wiring Methods				
ELT 117	AC & DC Machines				
ELT 118	Commercial/Industrial Wiring I				

Summer Electives					
AUT 199	Special Topics in Manufacturing				
EET 226	Cable Splicing and Installation				
ILT 212 PLCs in Automated Systems					

## Lawson State Community College--Course Sequence Guide (CSG) Program: Electronics Industrial Short to ILT Degree --- DAY--- Fall Start

Course ID		Course Title	Cre	dit Ho	urs	Industry Recognized Certificate(s	
Course ID		Course Title		CER AAS		Earned	
all Semester	One	Course Sequence	13	16	16		
ORI101		Freshman Orientation	1	1	1		
ET 100	T1	Introduction to Engineering Technologies	3	3	3		
TC 101	T2	DC Fundamentals	3	3	3	Meter Certification	
AUT 104		Blueprint Reading for Manufacturing	3	3	3		
Area V		Industrial Electronics Short Certificate Electives	3	3	3		
Area III		MTH 116 Mathematical Applications (Preferred) or MTH 100 Intermediate Algebra		3	3		
Spring Semes	ter Oı	ne Course Sequence	12	12	15		
TC 102	T1	AC Fundamentals	3	3	3		
TC 103		Solid State Fundamentals	3	3	3	ii snort certificate only studer	
TC 104	T	Digital Fundamentals	3	3	3	may substitute any two ILT	
TC 108		Motor Controls	3	3	3		
AUT 232	T	Sensor Technology and Applications			3		
Summer Sem	ester	Course Sequence	3	9	15		
Area V		Industrial Electronics Short Certificate Electives	3	3	3		
Area V		Industrial Electronics Elective		3	3		
AUT 208		Automated System Diagnosis and Troubleshooting			3		
Area IV	T	History or Social/Behavioral Science			3		
Area I		ENG 101 English Composition I		3	3		
Requirements	s for S	TC award are complete	28				
all Semester	Two	Course Sequence	0	9	12		
Area II		SPH 106, 107, or <b>116 (Preferred)</b> (CER or AAS)		3	3		
Area V+	T	CIS 130 Introduction to Information Systems (Preferred)		3	3		
AICA VT		or CIS 146 Microcomputer Applications					
Area V		Industrial Electronics Elective		3	3		
Area II		Humanities or Fine Arts			3		
Requirements	s for C	ER award are complete		46			
Spring Semes	ter Tv	vo Course Sequence			9		
Area V		Industrial Electronics Elective			3		
Area III		Natural Science - PHS 112 Preferred			4		
AREA V+		One credit hour PE course			1		
AREA V+		One credit hour PE course			1		
		AS award are complete			67		

Industrial Electronics Short Certificate Electives					
ILT 194	Introduction to PLC	Fall			
ILT 196 or	Advanced PLC or	Fall /			
ILT 212	PLCs in Automated Systems	Summer			
AUT 232	Sensor Technology and Applications	Spring			
ETC 103	Solid State Fundamentals	Spring			
ETC 104	Digital Fundamentals	Spring			
ELT 117	AC & DC Machines	Spring			
AUT 199	Special Topics in Manufacturing	Summer			
AUT 208	Automated System Diagnosis and Troubleshooting	Summer			
ILT 198	Electronic Circuits	As needed			

	Fall Electives					
AUT 116	T1	Introduction to Robotics	Fall			
AUT 212	T2	Robotic Operation & Programming	Fall			
ELT 116		Residential Wiring (6 hours)	Fall			
ILT 194		Introduction to PLC	Fall			
ILT 196		Advanced PLC	Fall			
INT 118		Fundamentals of Industrial Hydraulics/Pneumatics	Fall			

Spring Electives			
AUT 214	Robotic Manuf. & Computer Simulation	Spring	
ELT 110	Wiring Methods	Spring	
ELT 117	AC & DC Machines	Spring	
ELT 118	Commercial/Industrial Wiring I	Spring	

Summer Electives			
AUT 199	Special Topics in Manufacturing	Summer	
EET 226	Cable Splicing and Installation	Summer	
ILT 212	PLCs in Automated Systems	Summer	

Program: Electronics Industrial Short to ILT Degree --- DAY--- Spring Start

Course ID		Course Title	Cre	dit Ho	urs	Industry Recognized
				CER	AAS	Certificate(s) Available
Spring Semester	One Cou	se Sequence	7	13	13	
ORI101		Freshman Orientation	1	1	1	
Area V		Industrial Electronics Short Certificate Electives	3	3	3	
Area V		Industrial Electronics Short Certificate Electives	3	3	3	
Area V+		CIS 130 Introduction to Information Systems		3	3	
Area v+		(Preferred) or CIS 146 Microcomputer Applications		3	3	
Area I		ENG 101 English Composition I		3	3	
Summer Semest	er One Co	urse Sequence	0	9	12	
Area V		Industrial Electronics Elective		3	3	
Area V		Industrial Electronics Elective		3	3	
Area III		MTH 116 Mathematical Applications (Preferred) or		3	3	
Area III		MTH 100 Intermediate Algebra		3	3	
Area IV		History or Social/Behavioral Science			3	
Fall Semester Co	urse Sequ	ence	9	12	16	
ET 100	T1	Introduction to Engineering Technologies	3	3	3	
TC 101	T2	DC Fundamentals	3	3	3	
AUT 104		Blueprint Reading for Manufacturing	3	3	3	
Area II		SPH 106, 107,or <b>116 (Preferred)</b> (CER or AAS)		3	3	
Area III		Natural Science - PHS 112 Preferred			4	
Spring Semester	Two Cou	se Sequence	12	12	15	
TC 102	T1	AC Fundamentals	3	3	3	
TC 103		Solid State Fundamentals	3	3	3	
TC 104		Digital Fundamentals	3	3	3	
TC 108		Motor Controls	3	3	3	
AUT 232		Sensor Technology and Applications			3	
Requirements fo	or STC awa	ard are complete	28			
Requirements fo	or CER awa	ard are complete		46		
Summer Semest	er Two Co	urse Sequence			11	
Area II		Humanities or Fine Arts			3	
Area V		Industrial Electronics Elective			3	
AUT 208		Automated System Diagnosis and Troubleshooting			3	
AREA V+		One credit hour PE course			1	
AREA V+		One credit hour PE course			1	

Industrial Electronics Short Certificate Electives			
ILT 194	Introduction to PLC	Fall	
ILT 196 or	Advanced PLC or	Fall /	
ILT 212	PLCs in Automated Systems	Summer	
AUT 232	Sensor Technology and Applications	Spring	
ETC 103	Solid State Fundamentals	Spring	
ETC 104	Digital Fundamentals	Spring	
ELT 117	AC & DC Machines	Spring	
AUT 199	Special Topics in Manufacturing	Summer	
AUT 208	Automated System Diagnosis and Troubleshooting	Summer	
ILT 198	Electronic Circuits	As needed	

	Fall Electives			
AUT 116	T1	Introduction to Robotics	Fall	
AUT 212	T2	Robotic Operation & Programming	Fall	
ELT 116		Residential Wiring (6 hours)	Fall	
ILT 194		Introduction to PLC	Fall	
ILT 196		Advanced PLC	Fall	
INT 118		Fundamentals of Industrial Hydraulics/Pneumatics	Fall	

Spring Electives			
AUT 214	Robotic Manuf. & Computer Simulation	Spring	
ELT 110	Wiring Methods	Spring	
ELT 117	AC & DC Machines	Spring	
ELT 118	Commercial/Industrial Wiring I	Spring	

Summer Electives			
AUT 199	Special Topics in Manufacturing	Summer	
EET 226	Cable Splicing and Installation	Summer	
ILT 212	PLCs in Automated Systems	Summer	

## Lawson State Community College--Course Sequence Guide (CSG) Program: Electrical (ILE) Short to ILT Degree --- DAY --- Summer Start

Course ID		Course Title		dit Ho	urs	Industry Recognized
				CER	AAS	Certificate(s) Available
Summer Semes	ter On	e Course Sequence	4	10	10	
ORI101		Freshman Orientation	1	1	1	
Area V		Industrial Electronics Short Certificate Electives	3	3	3	
Area III		MTH 116 Mathematical Applications (Preferred) or MTH 100 Intermediate Algebra		3	3	
Area V+		CIS 130 Introduction to Information Systems (Preferred) or CIS 146 Microcomputer Applications		3	3	
Fall Semester C	ne Cou	urse Sequence	12	12	12	
EET 100	T1	Introduction to Engineering Technologies	3	3	3	
ETC 101	T2	DC Fundamentals	3	3	3	Meter Certification
AUT 104		Blueprint Reading for Manufacturing	3	3	3	
Area V		Industrial Electronics Short Certificate Electives	3	3	3	
Spring Semeste	r One	Course Sequence	12	12	15	
ETC 102	T1	AC Fundamentals	3	3	3	
ETC 103		Solid State Fundamentals	3	3	3	ir snort certificate only studer
ETC 104		Digital Fundamentals	3	3	3	may substitute any two ILT electives
ETC 108		Motor Controls	3	3	3	
AUT 232		Sensor Technology and Applications			3	
Summer Semes	ter Co	urse Sequence	0	6	12	
Area V		Industrial Electronics Elective		3	3	
AUT 208		Automated System Diagnosis and Troubleshooting			3	
Area I		ENG 101 English Composition I		3	3	
Area IV		History or Social/Behavioral Science			3	
Requirements t	for STC	award are complete	28			
Fall Semester T	wo Co	urse Sequence	0	6	13	
Area II		SPH 106, 107,or <b>116 (Preferred)</b> (CER or AAS)		3	3	
Area III		Natural Science - PHS 112 Preferred			4	
Area V		Industrial Electronics Elective		3	3	
Area II		Humanities or Fine Arts			3	
Requirements 1	for CER	award are complete		46		
Spring Semeste	r Two	Course Sequence			5	
Area V		Industrial Electronics Elective			3	
AREA V+		One credit hour PE course			1	
AREA V+		One credit hour PE course			1	
Requirements t	for AAS	award are complete			67	
NOTE: The cate	egory T	otal Credits Earned does not include any developmental cour	rses. De	evelop	ment	al courses are considered pre
equisite course	es. The	schedule is valid for FALL DAY Admission.				

Industrial Electronics Short Certificate Electives			
ILT 194	Introduction to PLC	Fall	
ILT 196 or	Advanced PLC or	Fall /	
ILT 212	PLCs in Automated Systems	Summer	
AUT 232	Sensor Technology and Applications	Spring	
ETC 103	Solid State Fundamentals	Spring	
ETC 104	Digital Fundamentals	Spring	
ELT 117	AC & DC Machines	Spring	
AUT 199	Special Topics in Manufacturing	Summer	
AUT 208	Automated System Diagnosis and Troubleshooting	Summer	
IIT 198	Flectronic Circuits	As needed	

	Fall Electives			
AUT 116	T1	Introduction to Robotics	Fall	
AUT 212	T2	Robotic Operation & Programming	Fall	
ELT 116		Residential Wiring (6 hours)	Fall	
ILT 194		Introduction to PLC	Fall	
ILT 196		Advanced PLC	Fall	
INT 118		Fundamentals of Industrial Hydraulics/Pneumatics	Fall	

Spring Electives			
AUT 214	Robotic Manuf. & Computer Simulation	Spring	
ELT 110	Wiring Methods	Spring	
ELT 117	AC & DC Machines	Spring	
ELT 118	Commercial/Industrial Wiring I	Spring	

Summer Electives			
AUT 199	Special Topics in Manufacturing	Summer	
EET 226	Cable Splicing and Installation	Summer	
ILT 212	PLCs in Automated Systems	Summer	

Program: Facility Technician Certificate to Building Construction Degree - Fall Start

		Course Wills		dit	Industry Recognized		
Course ID		Course Title		ırs AAS	Certificate(s) Earned	Completed	
Fall Semester O	ne Co	urse Sequence	11	14			
ORI101		Freshman Orientation	1	1			
CMT 101		Construction Materials & Methods	3	3			
ACR 119		Gas Heat	3	3			
BUC 131		Interior & Exterior finishes	3	3			
CMT 114		Construction Safety	1	1			
BUC 110	T2	Basic Construction Tools and Materials		3			
Spring Semeste	r One	Course Sequence	12	15			
ELT 118		Commercial/Industrial Wiring I	3	3			
PLB 112		Plumbing Applications	3	3			
PLB 117		Plumbing Codes	3	3			
ACR 121		Basic Electricity	3	3			
BUC 121	T1	Floors and Walls Framing		3			
Summer Semes	ter Co	ourse Sequence	6	12			
ACR 132		Residential A/C	3	3			
BUC 113		Basic Blueprint Reading	3	3			
Area III		MTH 116 Mathematical Applications or		3			
Alea III		MTH 100 Intermediate Algebra		3			
Area V		CIS 130 Introduction to Information Systems or		3			
Doguiromonto f	or ST	CIS 146 Microcomputer Applications	29				
Fall Semester T		C award are complete	29	13			
BUC 115	_	Roof and Ceiling Framing		3			
	12			3			
Area II	+	ENG 101 English Composition I Humanities or Fine Arts		3			
Area II Area III	+	Natural Science		4			
	or CEI	R award are complete		4			
		Course Sequence		11			
Spring Semeste BUC 141	T1	On-Grade Concrete Applications		3			
Area II	11	SPH 106, 107,or 116 (CER or AAS)		3			
Area IV	+	History or Social/Behavioral Science		3			
AREA V	+	One credit hour PE course		1			
AREA V	+	One credit hour PE course  One credit hour PE course		1			
	or AA			1 65			
		S award are complete  Total Credits Earned does not include any developmen					

Program: Facility Technician Certificate to Building Construction Degree - Spring Start

Course Title	Cred Hou STC	-	Industry Recognized Certificate(s) Earned	Completed
Sequence	13	13		
man Orientation	1	1		
nercial/Industrial Wiring I	3	3		
oing Applications	3	3	_	
oing Codes	3	3		
Electricity	3	3		<u></u>
se Sequence	6	12		
ential A/C	3	3		
Blueprint Reading	3	3		
116 Mathematical Applications or		3		
100 Intermediate Algebra O Introduction to Information Systems or	_			
6 Microcomputer Applications		3		
quence	10	16		
ruction Materials & Methods	3	3		
eat	3	3		
or & Exterior finishes	3	3		
ruction Safety	1	1		
Construction Tools and Materials		3		
and Ceiling Framing		3		
are complete	29			
Sequence	0	13		
rade Concrete Applications		3		
.01 English Composition I		3		
and Walls Framing		3		
al Science		4		
are complete				
se Sequence		11		
06, 107,or 116 (CER or AAS)		3		
nities or Fine Arts		3		
y or Social/Behavioral Science		3		
redit hour PE course		1		
redit hour PE course		1		
are complete		65		
redit hou l are com	r PE course  plete  ned does not include any developmen	r PE course  plete  ned does not include any developmental course	r PE course 1 plete 65 ned does not include any developmental courses. Dev	r PE course 1  plete 65  ned does not include any developmental courses. Developmental courses are co

Program: Facility Technician Certificate to Building Construction Degree - Summer Start

		Course Title		dit	Industry Recognized	
Course ID				ars AAS	Certificate(s) Earned	Completed
Summer Semes	ster On	e Course Sequence	STC 7	10		
ORI101		Freshman Orientation	1	1		
ACR 132		Residential A/C	3	3		
BUC 113		Basic Blueprint Reading	3	3		
		MTH 116 Mathematical Applications or				
Area III		MTH 100 Intermediate Algebra		3		
Fall Semester C	ne Cou	ırse Sequence	10	13		
CMT 101		Construction Materials & Methods	3	3		
ACR 119		Gas Heat	3	3		
BUC 131		Interior & Exterior finishes	3	3		
CMT 114		Construction Safety	1	1		
BUC 110	T2	Basic Construction Tools and Materials		3		
Spring Semeste	er One	Course Sequence	12	18		
ELT 118		Commercial/Industrial Wiring I	3	3		
PLB 112		Plumbing Applications	3	3		
PLB 117		Plumbing Codes	3	3		
ACR 121		Basic Electricity	3	3		
BUC 121	T1	Floors and Walls Framing		3		
BUC 141	T1	On-Grade Concrete Applications		3		
Requirements	for STC	award are complete	29			
		o Course Sequence	0	13		
Area I		ENG 101 English Composition I		3		
Area II		Humanities or Fine Arts		3		
Area III		Natural Science		4		
Area IV		History or Social/Behavioral Science		3		
	for CER	award are complete				
Fall Semester T		<u> </u>		11		
BUC 115		Roof and Ceiling Framing		3		
		CIS 130 Introduction to Information Systems or				
Area V		CIS 146 Microcomputer Applications		3		
Area II		SPH 106, 107,or 116 (CER or AAS)		3		
AREA V		One credit hour PE course		1		
AREA V		One credit hour PE course		1		
Requirements	for AAS	award are complete		65		

Program: Graphic Art Communications --- DAY --- Fall Start

			Cred	lit Ho	urs	Industry Recognized
Course ID		Course Title		CER	АОТ	Certificate(s) Earned
Fall Semester (	One C	ourse Sequence	10	13	14	
ORI 101		Orientation to College	1	1	1	
CAT 101	M1	Modern Commercial Art	3	3	3	
CAT 114	M2	Electronic Graphic Application	3	3	3	
CAT 118		Design Drawing	3	3	3	
Area V		CIS 130 Introduction to Information Systems (Preferred) or CIS 146 Microcomputer Applications		3	3	
Area V		1 Credit Hour PE Course			1	
Spring Semest	er On	e Course Sequence	15	18	18	
CAT 123		Layout and Design	3	3	3	
CAT 132		Basic Advertising Design	3	3	3	
CAT 152		Digital Photography	3	3	3	
CAT 270		Website Development	3	3	3	
CAT 120		Digital Imaging	3	3	3	
Area III		MTH 116 Mathematical Applications (Preferred) or MTH 100 Intermediate Algebra		3	3	
Requirements	for ST	C award are complete	25			
Summer Seme	ster C	Course Sequence		9	10	
CAT 130		Principles of Design		3	3	
CAT 180		Current Topics		3	3	
		COM 100 Career Technical English (CER) or				
Area I		ENG 101 English Composition I (CER or AOT)		3	3	
Area V		1 Credit Hour PE Course			1	
Fall Semester	Two C	ourse Sequence		9	15	
CAT 232		Intermediate Advertising Design		3	3	
CAT 260		Portfolio		3	3	
Area II		SPH 106, 107,or <b>116 (Preferred)</b> (CER or AAS)		3	3	
Area IV		History or Social or Behavioral Science			3	
		Minor Requirement			3	
Requirements	for Cl	ER award are complete		49	57	
Spring Semest	er Tw	o Course Sequence			16	
		Minor Requirement			3	
		Minor Requirement			3	
		Minor Requirement			3	
Area II		Humanities or Fine Arts			3	
Area III		Natural Science			4	
Requirements	for A	OT award are complete			73	

	Approved Media Production AOT Electives (Need 12 Credit Hours)	
RTV 119	Video Production I	Fall
MCM 100	Introduction to Mass Communications	Fall
RTV 101	Introduction to Broadcasting	Spring
RTV 125	Digital Photography Foundation	Spring
RTV 120	Media Post-Production I	Summer
RTV 268	Special Topics in Media	Summer

Program: Graphic Art Communications --- DAY --- Spring Start

Course ID		Course Title		dit Ho	urs	Industry Recognized
					AAS	Certificate(s) Available
Spring Semester Or	ne Cour	se Sequence	16	16	16	
ORI 101		Orientation to College	1	1	1	
CAT 120		Digital Imaging	3	3	3	
CAT 132		Basic Advertising Design	3	3	3	
CAT 152		Digital Photography	3	3	3	
CAT 123		Layout and Design	3	3	3	
CAT 270		Website Development	3	3	3	
Summer Semester	One Co	urse Sequence	0	12	12	
CAT 130		Principles of Design		3	3	
CAT 180		Current Topics		3	3	
Area V		CIS 130 Introduction to Information Systems (Preferred) or CIS 146 Microcomputer Applications		3	3	
Area III		MTH 116 Mathematical Applications (Preferred) or MTH 100 Intermediate Algebra		3	3	
Fall Semester Cours	se Sequ	ence	9	18	18	
CAT 101	M1	Modern Commercial Art	3	3	3	
CAT 114	M2	Electronic Graphic Application	3	3	3	
CAT 118		Design Drawing	3	3	3	
CAT 232		Intermediate Advertising Design		3	3	
CAT 260		Portfolio		3	3	
Area I		COM 100 Career Technical English (CER) or ENG 101 English Composition I (CER or AOT)		3	3	
Requirements for S	TC awa	rd are complete	25			
Spring Semester Tv	vo Cour	se Sequence	0	3	13	
		Minor Requirement			3	
		Minor Requirement			3	
Area II		SPH 106, 107,or <b>116 (Preferred)</b> (CER or AAS)		3	3	
Area V		1 Credit Hour PE Course			1	
Area IV		History or Social or Behavioral Science			3	
Requirements for C				49		
Summer Semester	Two Co				14	
	-	Minor Requirement			3	
	1	Minor Requirement			3	
Area II	1	Humanities or Fine Arts			3	
Area III	<del> </del>	Natural Science			4	
Area V	<u></u>	1 Credit Hour PE Course			1	
Requirements for A		ard are complete Credits Farned, does not include any developmental col			73	

А	Approved Media Production AOT Electives					
RTV 119	Video Production I	Fall				
MCM 100	Introduction to Mass Communications	Fall				
RTV 101	Introduction to Broadcasting	Spring				
RTV 125	Digital Photography Foundation	Spring				
RTV 120	Media Post-Production I	Summer				
RTV 268	Special Topics in Media	Summer				

Program: Graphic Art Communications --- DAY --- Summer Start

Course ID		Course Title		dit Ho	urs	Industry Recognized
					AAS	Certificate(s) Available
Summer Semester	r One Co	ourse Sequence	1	10	11	
ORI 101		Orientation to College	1	1	1	
CAT 130		Principles of Design		3	3	
Area V		CIS 130 Introduction to Information Systems (Preferred) or CIS 146 Microcomputer Applications		3	3	
Area III		MTH 116 Mathematical Applications (Preferred) or MTH 100 Intermediate Algebra		3	3	
Area V		1 Credit Hour PE Course			1	
Fall Semester One	Course	Sequence	9	12	12	
CAT 101	M1	Modern Commercial Art	3	3	3	
CAT 114	M2	Electronic Graphic Application	3	3	3	
CAT 118		Design Drawing	3	3	3	
Area I		COM 100 Career Technical English (CER) or ENG 101 English Composition I (CER or AOT)		3	3	
Spring Semester C	ne Cou	rse Sequence	15	15	15	
CAT 123		Layout and Design	3	3	3	
CAT 132		Basic Advertising Design	3	3	3	
CAT 152		Digital Photography	3	3	3	
CAT 270		Website Development	3	3	3	
CAT 120		Digital Imaging	3	3	3	
Summer Semester	r Course	Sequence	0	6	10	
CAT 180		Current Topics		3	3	
Area II		SPH 106, 107,or <b>116 (Preferred)</b> (CER or AAS)		3	3	
Area IV		History or Social or Behavioral Science			3	
Area V		1 Credit Hour PE Course			1	
Requirements for	STC awa	ard are complete	25			
Fall Semester Two	Course	Sequence	0	6	12	
CAT 232		Intermediate Advertising Design		3	3	
CAT 260		Portfolio		3	3	
		Minor Requirement			3	
		Minor Requirement			3	
Requirements for	CER aw	ard are complete		49		
Spring Semester T	wo Cou	rse Sequence			13	
		Minor Requirement			3	
		Minor Requirement			3	
Area II		Humanities or Fine Arts			3	
Area III		Natural Science			4	
Requirements for	AAS aw	ard are complete			73	

Approved Media Production AOT Electives				
RTV 119	Video Production I	Fall		
MCM 100	Introduction to Mass Communications	Fall		
RTV 101	Introduction to Broadcasting	Spring		
RTV 125	Digital Photography Foundation	Spring		
RTV 120	Media Post-Production I	Summer		
RTV 268	Special Topics in Media	Summer		

## Lawson State Community College--Course Sequence Guide (CSG) Program: HSM Short to HOSPITALITY MANAGEMENT Degree --- Fall DAY

Course ID	Course Title	Cr	edit Ho	ırs	Industry Recognized
Course ID	Course Title		CER	AAS	Certificate(s) Available
Fall Semester O	ne Course Sequence	10	16	16	
ORI 101	Orientation to College	1	1	1	
HSM 111	Orientation to the Hospitality Industry	3	3	3	
CUA 116	Sanitation and Safety	3	3	3	
HSM or CUA	Approved HSM or CUA Elective	3	3	3	
Area I	COM 100 Career Technical English (CER) or		3	3	
	ENG 101 English Composition I (CER or AAS)		3		
HSM or CUA	Approved HSM or CUA Elective		3	3	
Spring Semester	r One Course Sequence	12	15	15	
HSM 112	Law and the Hospitality Industry	3	3	3	
HSM 232	Event Logistics and Entertainment	3	3	3	
CUA 213	Food Purchasing and Cost Control	3	3	3	
HSM or CUA	Approved HSM or CUA Elective	3	3	3	
Area V	CIS 130 Introduction to Information Systems		3	3	
	(Preferred) or CIS 146 Microcomputer Applications				
	ter Course Sequence	6	12	12	
HSM 181	Special Topics: Hospitality Management	3	3	3	
HSM or CUA	Approved HSM or CUA Elective	3	3	3	
HSM or CUA	Approved HSM or CUA Elective		3	3	
Area III	MTH 116 Mathematical Applications (Preferred) or		3	3	
	MTH 100 Intermediate Algebra		J	ű	
	or STC award are complete	28			
	wo Course Sequence	0	3	15	<u> </u>
Area II	SPH 106, 107,or <b>116 (Preferred)</b> (CER or AAS)		3	3	
HSM or CUA	Approved HSM or CUA Elective			3	
HSM or CUA	Approved HSM or CUA Elective			3	
Area II	Humanities or Fine Arts			3	
Area IV	History or Social/Behavioral Science			3	
Requirements fo	or CER award are complete		46		
Spring Semester	r Two Course Sequence			12	
HSM 286	Culinary Capstone/Directed Studies			3	
HSM or CUA	Approved HSM or CUA Elective			3	
Area III	Natural Science			4	
AREA V	1 credit hour PE course			1	
AREA V	1 credit hour PE course			1	
	or AAS award are complete			70	

		Fall Electives	СН	Offered
CUA	##	Basic Food Preparation	3	Day
CUA	##	Basic Food Preparation Lab	2	Day
CUA	##	Special Topics: Terminology	1	Day
CUA	##	Foundation in Nutrition	3	Night
HSM	##	Special Topics: Hospitality Management Abroad	3	Day
		Spring Electives	СН	Offered
CUA	##	Special Topics: Beverage and Dining Management	3	Day
CUA	##	Regional Cuisines of The Americas	3	Night
HSM	##	Plan & Develop of Leisure Programs & Festivals	3	Night Even
HSM	##	Plan and Manage Sports Tourism and Events	3	Night Even
CUA	##	Restaurant Management and Supervision	3	Night Odd
HSM	##	Event Logistics and Entertainment	3	Night Odd
		Summer Electives	CH	Offered
CUA	##	Foundation in Nutrition	3	Day
CUA	##	Restaurant Management and Supervision	3	Day
CUA	##	Culinary Trends	3	Day
HSM	##	Hospitality Marketing	3	Day

## Lawson State Community College--Course Sequence Guide (CSG) Program: HSM Short to HOSPITALITY MANAGEMENT Degree --- Spring DAY

Course ID	Course Title	Cr	edit Ho	urs	Industry Recognized
			CER	AAS	Certificate(s) Available
Spring Semeste	r One Course Sequence	13	16	16	
ORI 101	Orientation to College	1	1	1	
HSM 112	Law and the Hospitality Industry	3	3	3	
HSM 232	Event Logistics and Entertainment	3	3	3	
CUA 213	Food Purchasing and Cost Control	3	3	3	
HSM or	Approved HSM or CUA Elective	3	3	3	
CUA		J	Ŭ	Ŭ	
Area I	COM 100 Career Technical English (CER) or ENG 101 English Composition I (CER or AAS)		3	3	
Summer Semes	ter One Course Sequence	9	12	12	
HSM 181	Special Topics: Hospitality Management	3	3	3	
HSM or					
CUA	Approved HSM or CUA Elective	3	3	3	
HSM or	Approved HSM or CUA Elective	3	3	3	
CUA			J	J	
Area V	CIS 130 Introduction to Information Systems		3	3	
	(Preferred) or CIS 146 Microcomputer Applications				
Fall Samester Co	ourse Sequence	6	15	15	
HSM 111	Orientation to the Hospitality Industry	3	3	3	
CUA 116	Sanitation and Safety	3	3	3	
HSM or	·	_			
CUA	Approved HSM or CUA Elective		3	3	
HSM or CUA	Approved HSM or CUA Elective		3	3	
Area III	MTH 116 Mathematical Applications (Preferred) or		3	3	
	MTH 100 Intermediate Algebra		3	3	
Requirements f	or STC award are complete	28			
	r Two Course Sequence	0	3	16	
Area II	SPH 106, 107,or <b>116 (Preferred)</b> (CER or AAS)		3	3	
HSM 286	Culinary Capstone/Directed Studies			3	
HSM or CUA	Approved HSM or CUA Elective			3	
HSM or	Approved HSM or CUA Elective			3	
CUA AREA V	1 credit hour PE course			1	
Area IV	History or Social/Behavioral Science			3	
	or CER award are complete		46	J	
	ter Two Course Sequence			11	
Area II	Humanities or Fine Arts			3	
HSM or CUA	Approved HSM or CUA Elective			3	
Area III	Natural Science			4	
AREA V	1 credit hour PE course			1	
	or AAS award are complete			70	
NOTE: The cate	gory Total Credits Earned does not include any developmen urses. The schedule is valid for FALL DAY Admission.	tal cours	ses. De		ental courses are consider

		Fall Electives	СН	Offered
CUA	110	Basic Food Preparation	3	Day
CUA	120	Basic Food Preparation Lab	2	Day
CUA	180	Special Topics: Terminology	1	Day
CUA	111	Foundation in Nutrition	3	Night
HSM	281	Special Topics: Hospitality Management Abroad	3	Day
		Spring Electives	СН	Offered
CUA	182	Special Topics: Beverage and Dining Management	3	Day
CUA	215	Regional Cuisines of The Americas	3	Night
HSM	234	Plan & Develop of Leisure Programs & Festivals	3	Night Even
HSM	270	Plan and Manage Sports Tourism and Events	3	Night Even
CUA	262	Restaurant Management and Supervision	3	Night Odd
HSM	232	Event Logistics and Entertainment	3	Night Odd
		Summer Electives	СН	Offered
CUA	111	Foundation in Nutrition	3	Day
CUA	262	2 Restaurant Management and Supervision 3		Day
CUA	282	Culinary Trends	3	Day
HSM	250	Hospitality Marketing	3 Day	

# Lawson State Community College--Course Sequence Guide (CSG) ram: HSM Short to HOSPITALITY MANAGEMENT Degree --- Summer DAY

Program:

Course ID	Course Title	Cr	edit Ho	urs	Industry Recognized
course 1D	course ritte		CER	AAS	Certificate(s) Available
Summer Semester O	ne Course Sequence	7	13	13	
ORI 101	Orientation to College	1	1	1	
HSM 181	Special Topics: Hospitality Management	3	3	3	
HSM or CUA	Approved HSM or CUA Elective	3	3	3	
HSM or CUA	Approved HSM or CUA Elective		3	3	
Area III	MTH 116 Mathematical Applications (Preferred) or MTH 100 Intermediate Algebra		3	3	
Fall Semester One Co	ourse Sequence	9	15	15	
HSM 111	Orientation to the Hospitality Industry	3	3	3	
CUA 116	Sanitation and Safety	3	3	3	
HSM or CUA	Approved HSM or CUA Elective	3	3	3	
Area V	CIS 130 Introduction to Information Systems (Preferred) or CIS 146 Microcomputer Applications		3	3	
Area I	COM 100 Career Technical English (CER) or ENG 101 English Composition I (CER or AAS)		3	3	
Spring Semester One	Course Sequence	12	12	15	
HSM 112	Law and the Hospitality Industry	3	3	3	
HSM 232	Event Logistics and Entertainment	3	3	3	
CUA 213	Food Purchasing and Cost Control	3	3	3	
HSM or CUA	Approved HSM or CUA Elective	3	3	3	
Area IV	History or Social/Behavioral Science			3	
Requirements for STO	C award are complete	28			
Summer Semester Co	ourse Sequence	0	6	13	
Area II	SPH 106, 107,or 116 (Preferred) (CER or AAS)		3	3	
HSM or CUA	Approved HSM or CUA Elective		3	3	
HSM or CUA	Approved HSM or CUA Elective			3	
AREA V	1 credit hour PE course			1	
Area II	Humanities or Fine Arts			3	
Requirements for CEI	R award are complete		46		
Fall Semester Two Co	ourse Sequence	0	0	14	
HSM or CUA	Approved HSM or CUA Elective			3	
HSM or CUA	Approved HSM or CUA Elective			3	
HSM 286	Culinary Capstone/Directed Studies			3	
Area III	Natural Science			4	
AREA V	1 credit hour PE course			1	
Requirements for AA	S award are complete			70	

		Fall Electives	СН	Offered
CUA	110	Basic Food Preparation	3	Day
CUA	120	Basic Food Preparation Lab	2 Day	
CUA	180	Special Topics: Terminology	1	Day
CUA	111	Foundation in Nutrition	3	Night
HSM	281	Special Topics: Hospitality Management Abroad	3	Day
		Spring Electives	СН	Offered
CUA	182	Special Topics: Beverage and Dining Management	3	Day
CUA	215	Regional Cuisines of The Americas	3	Night
HSM	234	Plan & Develop of Leisure Programs & Festivals	3	Night Even
HSM	270	Plan and Manage Sports Tourism and Events	3	Night Even
CUA	262	Restaurant Management and Supervision	3	Night Odd
HSM	232	Event Logistics and Entertainment	3	Night Odd
		·		
		Summer Electives	СН	Offered
CUA	111	Foundation in Nutrition	3	Day
CUA	262	Restaurant Management and Supervision	3	Day
CUA	282	Culinary Trends	3	Day
HSM	250	Hospitality Marketing	3	Day

## Lawson State Community College--Course Sequence Guide (CSG) Program: Industrial Maintenance Short to Manufacturing Degree --- DAY--- Fall Start

Course ID		Course Title	Cre	dit Ho	urs	Industry Recognized Certificate(s) Available
				CER	AAS	, , , , , , , , , , , , , , , , , , , ,
Fall Semester One	e Cours	se Sequence	16	16	16	
ORI 101		Orientation to College	1	1	1	
AUT 102		Lean Mfg and Industrial Safety	3	3	3	
INT 118		Fundamentals of Industrial Hydraulics/Pneumatics	3	3	3	
INT 134		Industrial Maintenance Welding & Cutting	3	3	3	
EET 100	T1	Introduction to Engineering Technology	3	3	3	If short certificate only student may substitute any IN
ETC 101	T2	DC Fundamentals	3	3	3	fall elective
Spring Semester (	One Co	urse Sequence	9	15	15	
INT 117		Principles of Industrial Mechanics	3	3	3	
Area V	ı	Industrial Maintenance Short Certificate Elective	3	3	3	
ETC 108		Motor Controls	3	3	3	If short certificate only student may substitute any IN fall elective
Area III		MTH 116 Mathematical Applications (Preferred) or MTH 100 Intermediate Algebra		3	3	
Area V+		CIS 130 Introduction to Information Systems (Preferred) or CIS 146 Microcomputer Applications		3	3	
Summer Semeste	r Cour	se Sequence	3	9	12	
Area V		Industrial Maintenance Short Certificate Elective	3	3	3	
AUT 208		Automated System Diagnosis and Troubleshooting			3	
AUT 100		Introduction to Automotive Concepts		3	3	
Area I		ENG 101 English Composition I		3	3	
Requirements for	STC av	ward are complete	28			
Fall Semester Two	o Cours	se Sequence	0	12	15	
ILT 194		Introduction to PLC		3	3	
AUT 104		Blueprint Reading for Manufacturing		3	3	
AUT 116	T1	Introduction to Robotics		3	3	
Area II		SPH 106, 107,or <b>116 (Preferred)</b> (CER or AAS)		3	3	
Area IV		History or Social/Behavioral Science			3	
Requirements for	CER a	ward are complete		52		
Spring Semester 1	Two Co	urse Sequence			12	
Area V		Manufacturing Elective			3	
Area III		Natural Science - PHS 112 Preferred			4	
Area II		Humanities or Fine Arts			3	
AREA V+		One credit hour PE course			1	
AREA V+		One credit hour PE course			1	
Requirements for	AAS a	ward are complete			70	

schedule is valid for FALL DAY Admission.

	Industrial Maintenance Short Certificate Electives					
AUT 104	Blueprint Reading for Manufacturing	Fall				
AUT 116	Introduction to Robotics	Fall				
EET 100	Introduction to Engineering Technology	Fall				
ETC 101	DC Fundamentals	Fall				
ILT 194	Introduction to PLC	Fall				
MTT 147	Intro to Machine Shop	Fall				
MTT 148	Intro to Machine Shop Lab	Fall				
ETC 108	Motor Controls	Spr				
INT 126	Preventive Maintenance	Fall				
AUT 199	Special Topics in Manufacturing	Sum				
INT 127	Prin. Of Industrial Pumps & Piping Systems	Sum				
INT 192	Cooperative Work Experience	All				

	Fall Electives					
AUT 212	Robotic Operation & Programming					
ILT 196	Adv. Programmable Logic Controllers					
INT 118	Fundamentals of Industrial Hydraulics/Pneumatics					
MTT 147	Intro to Machine Shop					
MTT 148	Intro to Machine Shop Lab					

Spring Electives				
INT 126	Preventive Maintenance			
ETC 102	AC Fundamentals			

Summer Electives					
AUT 199	Special Topics in Manufacturing				
AUT 213	Robotics Project				
AUT 214	Robotic Manuf. & Computer Simulation				
ILT 232	PLCs in Automated Systems				
INT 127	Prin. Of Industrial Pumps & Piping Systems				

# Lawson State Community College--Course Sequence Guide (CSG) Industrial Maintenance Short to Manufacturing Degree --- DAY--- Spring Start

Program:

Course ID		Course Title		dit Ho	urs	Industry Recognized Certificate(s) Available
				STC CER		massi y necognized certificate(s) Available
Spring Semest	er On	e Course Sequence	7	13	13	
ORI 101		Orientation to College	1	1	1	
NT 117		Principles of Industrial Mechanics	3	3	3	
Area V		Industrial Maintenance Short Certificate Elective	3	3	3	
Area III		MTH 116 Mathematical Applications (Preferred) or MTH 100 Intermediate Algebra		3	3	
Area V+		CIS 130 Introduction to Information Systems (Preferred) or CIS 146 Microcomputer Applications		3	3	
Summer Seme	ster C	ne Course Sequence	3	9	12	
Area V		Industrial Maintenance Short Certificate Elective	3	3	3	
AUT 100		Introduction to Automotive Concepts		3	3	
Area I		ENG 101 English Composition I		3	3	
Area IV		History or Social/Behavioral Science			3	
Fall Semester (	One C	ourse Sequence	15	15	15	
AUT 102		Lean Mfg and Industrial Safety	3	3	3	
NT 118		Fundamentals of Industrial Hydraulics/Pneumatics	3	3	3	
NT 134		Industrial Maintenance Welding & Cutting	3	3	3	
EET 100	T:	Introduction to Engineering Technology	3	3	3	II SHORE CERTIFICATE ONLY STUDENT MAY SUBSTITUTE AT
ETC 101	T2	DC Fundamentals	3	3	3	1811 7311 010 6711/0
Spring Semest	er Tw	o Course Sequence	3	3	12	
ETC 108		Motor Controls	3	3	3	If short certificate only student may substitute an INT fall elective
Area V		Manufacturing Elective			3	
Area III		Natural Science - PHS 112 Preferred			4	
AREA V+	_	One credit hour PE course			1	
AREA V+		One credit hour PE course			1	
Requirements	for ST	C award are complete	28			
Summer Seme	ster T	wo Course Sequence		3	6	
AUT 208		Automated System Diagnosis and Troubleshooting			3	
Area II		SPH 106, 107,or <b>116 (Preferred)</b> (CER or AAS)		3	3	
Fall Semester	Two C	ourse Sequence		9	12	
LT 194		Introduction to PLC		3	3	
AUT 104		Blueprint Reading for Manufacturing		3	3	
AUT 116	T1	Introduction to Robotics		3	3	
Area II		Humanities or Fine Arts			3	
Requirements	for CE	R award are complete		52		
		AS award are complete			70	

	Industrial Maintenance Short Certificate Electives						
AUT 104	AUT 104 Blueprint Reading for Manufacturing						
AUT 116	Introduction to Robotics	Fall					
EET 100	Introduction to Engineering Technology	Fall					
ETC 101	DC Fundamentals	Fall					
ILT 194	Introduction to PLC	Fall					
MTT 147	Intro to Machine Shop	Fall					
MTT 148	Intro to Machine Shop Lab	Fall					
ETC 108	Motor Controls	Spr					
INT 126	Preventive Maintenance	Fall					
AUT 199	Special Topics in Manufacturing	Sum					
INT 127	Prin. Of Industrial Pumps & Piping Systems	Sum					
INT 192	Cooperative Work Experience	All					

	Fall Electives						
AUT 212	Robotic Operation & Programming						
ILT 196	Adv. Programmable Logic Controllers						
INT 118	Fundamentals of Industrial Hydraulics/Pneumatics						
MTT 147	Intro to Machine Shop						
MTT 148	Intro to Machine Shop Lab						

Spring Electives				
INT 126	Preventive Maintenance			
ETC 102	AC Fundamentals			

	Summer Electives
AUT 199	Special Topics in Manufacturing
AUT 213	Robotics Project
AUT 214	Robotic Manuf. & Computer Simulation
ILT 232	PLCs in Automated Systems
INT 127	Prin. Of Industrial Pumps & Piping Systems

Program:

Industrial Maintenance Short to Manufacturing Degree--- DAY --- Summer Start

Course ID		Course Title		dit Ho	urs	Industry Recognized Certificate(s) Available		
			STC	CER	AAS	, , , , , , , , , , , , , , , , , , , ,		
Summer Semeste	r On	e Course Sequence	4	13	13			
ORI 101		Orientation to College	1	1	1			
AUT 100		Introduction to Automotive Concepts		3	3			
Area V		Industrial Maintenance Short Certificate Elective	3	3	3			
Area III		MTH 116 Mathematical Applications (Preferred) or		3	3			
		MTH 100 Intermediate Algebra CIS 130 Introduction to Information Systems (Preferred)		_	Ľ			
Area V+		or CIS 146 Microcomputer Applications		3	3			
Fall Semester On	e Cor		15	15	15			
AUT 102		Lean Mfg and Industrial Safety	3	3	3			
NT 118		Fundamentals of Industrial Hydraulics/Pneumatics	3	3	3			
NT 134		Industrial Maintenance Welding & Cutting	3	3	3			
				Ħ		If the set of the set		
EET 100	T1	Introduction to Engineering Technology	3	3	3	If short certificate only - student may substitute any INT fall elective		
TC 101	T2	DC Fundamentals	3	3	3	INT TAIL ELECTIVE		
Spring Semester (	One (	Course Sequence	9	12	16			
NT 117		Principles of Industrial Mechanics	3	3	3			
Area V		Industrial Maintenance Short Certificate Elective	3	3	3			
ETC 108		Motor Controls	3	3	3			
Area I		ENG 101 English Composition I		3	3			
Area III		Natural Science - PHS 112 Preferred			4			
Summer Semeste	r Co	urse Sequence	0	3	13			
AUT 208		Automated System Diagnosis and Troubleshooting			3			
Area II		SPH 106, 107,or <b>116 (Preferred)</b> (CER or AAS)		3	3			
Area IV		History or Social/Behavioral Science			3			
Area II		Humanities or Fine Arts			3			
AREA V+		One credit hour PE course			1			
Requirements for	STC	award are complete	28					
Fall Semester Two	o Coi	urse Sequence		9	13			
LT 194		Introduction to PLC		3	3			
AUT 104		Blueprint Reading for Manufacturing		3	3			
AUT 116	T1	Introduction to Robotics		3	3			
Area V		Manufacturing Elective			3			
AREA V+		One credit hour PE course			1			
Requirements for	CER	award are complete		52				
		award are complete			70			

	Industrial Maintenance Short Certificate Electives							
AUT 104		Blueprint Reading for Manufacturing	Fall					
AUT 116		Introduction to Robotics	Fall					
EET 100		Introduction to Engineering Technology	Fall					
ETC 101		DC Fundamentals	Fall					
ILT 194		Introduction to PLC	Fall					
MTT 147		Intro to Machine Shop	Fall					
MTT 148		Intro to Machine Shop Lab	Fall					
ETC 108		Motor Controls	Spr					
INT 126		Preventive Maintenance	Fall					
AUT 199		Special Topics in Manufacturing	Sum					
INT 127		Prin. Of Industrial Pumps & Piping Systems	Sum					
INT 192		Cooperative Work Experience	All					

	Fall Electives
AUT 212	Robotic Operation & Programming
ILT 196	Adv. Programmable Logic Controllers
INT 118	Fundamentals of Industrial Hydraulics/Pneumatics
MTT 147	Intro to Machine Shop
MTT 148	Intro to Machine Shop Lab

Spring Electives							
INT 126	Preventive Maintenance						
ETC 102	AC Fundamentals						

Summer Electives							
Special Topics in Manufacturing							
Robotics Project							
Robotic Manuf. & Computer Simulation							
PLCs in Automated Systems							
Prin. Of Industrial Pumps & Piping Systems							

Program: Logistics Short to Manufacturing Degree --- DAY--- Fall Start

Course ID		Course Title			urs	Industry Recognized	Completed
			STC	CER	AAS	Certificate(s) Available	
Fall Semester O	ne Coi	urse Sequence	16	16	16		
ORI 101		Orientation to College	1	1	1		
AUT 102		Lean Mfg and Industrial Safety	3	3	3		
LGT 106		Workplace Essential Skills	3	3	3		
LGT 108		Introduction to Logistics	3	3	3		
LGT 110		Warehouse Operations I	3	3	3		
AUT 116	T1	Introduction to Robotics	3	3	3		
Spring Semester	One	Course Sequence	10	16	16		
LGT 111		Warehouse Operations II	3	3	3		
LGT 125		Foundational Knowledge of Supply Chain Logistics	4	4	4		
LGT 132		Physical Distribution Systems	3	3	3		
Area I		ENG 101 English Composition I		3	3		
Area III		MTH 116 Mathematical Applications or		3	3		
Area III		MTH 100 Intermediate Algebra		3	3		
Summer Semest	er Co	urse Sequence	3	6	9		
Area V		LGT Elective - LGT 223 or LGT 296	3				
AUT 100		Introduction to Automotive Concepts		3	3		
Area II		Humanities or Fine Arts			3		
Area V+		CIS 130 Introduction to Information Systems or		3	3		
	_	CIS 146 Microcomputer Applications		_	_		
		award are complete	29				
Fall Semester Tu	vo Co		0	15	15		
AUT 104		Blueprint Reading for Manufacturing		3	3		
EET 100	_	Introduction to Engineering Technology		3	3		
ETC 101	12	DC Fundamentals		3	3		
ILT 194	$\bot$	Introduction to PLC		3	3		
Area II		SPH 106, 107,or 116 (CER or AAS)		3	3		
Requirements fo	or CER	award are complete		56			
Spring Semester	Two	Course Sequence	_		15		
ETC 108		Motor Controls		3	3		
AUT 208		Automated System Diagnosis and Troubleshooting			3		
Area III		Natural Science			4		
Area IV		History or Social/Behavioral Science			3		
AREA V+		One credit hour PE course			1		
AREA V+		One credit hour PE course			1		
Requirements fo	or AAS	award are complete			71		

**Logistics Short to Manufacturing Degree --- DAY--- Spring Start Program:** 

Course ID		Course Title			urs	Industry Recognized
			STC	CER	AAS	Certificate(s) Available
Spring Semester One	Cours	e Sequence	8	14	14	
ORI 101		Orientation to College	1	1	1	
LGT 125		Foundational Knowledge of Supply Chain Logistics	4	4	4	
LGT 132		Physical Distribution Systems	3	3	3	
Area V+		CIS 130 Introduction to Information Systems or CIS 146 Microcomputer Applications		3	3	
Area III		MTH 116 Mathematical Applications or MTH 100 Intermediate Algebra		3	3	
Summer Semester On	ie Cou	irse Sequence	0	9	12	
AUT 100		Introduction to Automotive Concepts		3	3	
Area I		ENG 101 English Composition I		3	3	
Area II		Humanities or Fine Arts			3	
Area II		SPH 106, 107,or 116 (CER or AAS)		3	3	
Fall Semester One Cou	urse S	equence	9	15	15	
EET 100	T1	Introduction to Engineering Technology		3	3	
ETC 101	T2	DC Fundamentals		3	3	
LGT 106		Workplace Essential Skills	3	3	3	
LGT 108		Introduction to Logistics	3	3	3	
LGT 110		Warehouse Operations I	3	3	3	
Spring Semester Two	Cours	e Sequence	6	6	13	
LGT 111		Warehouse Operations II	3	3	3	
Area V		LGT Elective - LGT 223 or LGT 296	3			
ETC 108		Motor Controls		3	3	
AUT 208		Automated System Diagnosis and Troubleshooting			3	
Area III		Natural Science			4	
Summer Semester Tw	/ο Cοι	irse Sequence	0	0	5	
Area IV		History or Social/Behavioral Science			3	
AREA V+		One credit hour PE course			1	
AREA V+		One credit hour PE course			1	
Fall Semester Two Co	urse S	equence	6	12	12	
AUT 104		Blueprint Reading for Manufacturing		3	3	
AUT 102		Lean Mfg and Industrial Safety	3	3	3	
AUT 116	T1	Introduction to Robotics	3	3	3	
ILT 194		Introduction to PLC		3	3	
Requirements for STC	awar	d are complete	29			
Requirements for CER				56		

Requirements for AAS award are complete

71

Program: Logistics Short to Manufacturing Degree --- DAY --- Summer Start

Course ID		Course Title	Cred	dit Ho	urs	Industry Recognized
			STC	CER	AAS	Certificate(s) Available
Summer Semester	One Co	urse Sequence	1	10	10	
ORI 101		Orientation to College	1	1	1	
AUT 100		Introduction to Automotive Concepts		3	3	
Area V+		CIS 130 Introduction to Information Systems or CIS 146 Microcomputer Applications		3	3	
Area I		ENG 101 English Composition I		3	3	
Fall Semester One	Course		15	15	15	
AUT 102		Lean Mfg and Industrial Safety	3	3	3	
LGT 106		Workplace Essential Skills	3	3	3	
LGT 108		Introduction to Logistics	3	3	3	
LGT 110		Warehouse Operations I	3	3	3	
AUT 116	T1	Introduction to Robotics	3	3	3	
Spring Semester O	ne Cour	<u> </u>	10	13	13	
LGT 111	lic cour	Warehouse Operations II	3	3	3	
		·	+			
LGT 125		Foundational Knowledge of Supply Chain Logistics	4	4	4	
LGT 132		Physical Distribution Systems	3	3	3	
Area III		MTH 116 Mathematical Applications or		3	3	
Cummon Competon	Course	MTH 100 Intermediate Algebra	3	3	7	
Summer Semester Area V	Course	LGT Elective - LGT 223 or LGT 296	3	3	/	
			3		1	
AREA V+		One credit hour PE course		2	1	
Area II		SPH 106, 107,or 116 (CER or AAS)		3	3	
Area II		Humanities or Fine Arts			3	
Requirements for S			29			
Fall Semester Two	Course			12	13	
AUT 104		Blueprint Reading for Manufacturing		3	3	
EET 100	T1	Introduction to Engineering Technology		3	3	
ETC 101	T2	DC Fundamentals		3	3	
ILT 194		Introduction to PLC		3	3	
AREA V+		One credit hour PE course			1	
Spring Semester To	wo Cour	se Sequence		3	13	
ETC 108		Motor Controls		3	3	
AUT 208		Automated System Diagnosis and Troubleshooting			3	
Area III		Natural Science			4	
Area IV		History or Social/Behavioral Science			3	
Requirements for (				56	71	

Degree Program Computer Numerical Control (CNC) --- DAY --- Fall Start

		Course Title	Cre	edit Ho	urs	Industry Recognized
Course ID			STC	CER	AAS	Certificate(s) Earned
Fall Semester	One Cou	rse Sequence	13			
ORI 101		Orientation to College	1			
MTT 107	1	Machining Calculations 1	3			
MTT 127	M1	Metrology	3			
MTT 139	M2	Basic Computer Numerical Control	3			
MTT 147	1	Machining Technology 1	3			
Spring Semest	ter One C	ourse Sequence	6			
MTT 140	M1	Basic CNC Turning Programming 1	3			
MTT 141	M2	Basic CNC Milling Programming 1	3			
Summer Semo	ester One	Course Sequence	6			
MTT 219	1	CNC Graphics Turning	3			
MTT 220	1	CNC Graphics Milling	3			
Requirements	Requirements for STC award are complete					

Degree Program Computer Numerical Control (CNC) --- DAY --- Fall Start

		Course Title	Cr	edit Ho	urs	Industry Recognized
Course ID			STC	CER	AAS	Certificate(s) Earned
Spring Semester One Course Sequence						
ORI 101		Orientation to College	1			
MTT 140	M1	Basic CNC Turning Programming 1	3			
MTT 141	M2	Basic CNC Milling Programming 1	3			
Summer Sem	Summer Semester One Course Sequence		6			
MTT 219	1	CNC Graphics Turning	3			
MTT 220	1	CNC Graphics Milling	3			
Fall Semester	One Cou	rse Sequence	12			
MTT 107	1	Machining Calculations 1	3			
MTT 127	M1	Metrology	3			
MTT 139	M2	Basic Computer Numerical Control	3			
MTT 147	1	Machining Technology 1	3			
Requirements for STC award are complete						

Degree Program Computer Numerical Control (CNC) --- DAY --- Fall Start

			Cre	edit Ho	urs	Industry Recognized
Course ID		Course Title		CER	AAS	Certificate(s) Earned
Summer Semester One Course Sequence						
ORI 101		Orientation to College	1			
MTT 219	1	CNC Graphics Turning	3			
MTT 220	1	CNC Graphics Milling	3			
Fall Semester One Course Sequence			12			
MTT 107	1	Machining Calculations 1	3			
MTT 127	M1	Metrology	3			
MTT 139	M2	Basic Computer Numerical Control	3			
MTT 147	1	Machining Technology 1	3			
Spring Semest	Spring Semester One Course Sequence					
MTT 140	M1	Basic CNC Turning Programming 1	3			
MTT 141	M2	Basic CNC Milling Programming 1	3			
Requirements	for STC a	award are complete	25			

NOTE: The category Total Credits Earned does not include any developmental courses. Developmental courses are considered pre-requisite courses. The schedule is valid for **SUMMER DAY** Admission.

Machine Tool Technology (MTT) --- DAY --- Fall Start Degree Program:

Course ID		Course Title	C	redit Hours	Industry Recognized Certificate(s) Earned	Completed	
			STC	CER AAS			
Fall Semester One C	Course Sec	quence	10				
ORI 101		Orientation to College	1				
MTT 147	1	Machining Technology 1	3				
MTT 148	1	Machining Technology 1 Lab	3				
MTT 121	1	Basic Blueprint Reading for Machinists	3				
<b>Spring Semester On</b>	e Course	Sequence	12				
MTT 149	1	Machining Technology 2	3				
MTT 150	1	Machining Technology 2 Lab	3				
MTT 129	1	Lathe Operations	6				
Summer Semester (	One Cours	se Sequence	6				
MTT 136	1	Milling Operations	6				
Requirements for S	TC award	are complete	28				
NOTE: The category  The schedule is valid		edits Earned does not include any development  DAY Admission.	tal course	s. Development	tal courses are considered pre-	requisite courses.	

Degree Program: Machine Tool Technology (MTT) --- DAY --- Spring Start

Course ID		Course Title	Cre	edit Hours	Industry Recognized Certificate(s) Earned
			STC	CER AAS	
Spring Semester C	One Cou	rse Sequence	7		
ORI 101		Orientation to College	1		
MTT 129	1	Lathe Operations	6		
<b>Summer Semeste</b>	r One Co	ourse Sequence	6		
MTT 136	1	Milling Operations	6		
Fall Semester One	Course	Sequence	9		
MTT 147	1	Machining Technology 1	3		
MTT 148	1	Machining Technology 1 Lab	3		
MTT 121	1	Basic Blueprint Reading for Machinists	3		
Spring Semester 1	wo Cou	rse Sequence	6	0 0	
MTT 149	1	Machining Technology 2	3		
MTT 150	1	Machining Technology 2 Lab	3		
Requirements for	STC awa	ard are complete	28		

NOTE: The category Total Credits Earned does not include any developmental courses. Developmental courses are considered pre-requisite courses. The schedule is valid for SPRING DAY Admission.

Degree Program: Machine Tool Technology (MTT) --- DAY --- Summer Start

Course ID		Course Title	Cre	edit Hours	Industry Recognized Certificate(s) Earned
<b>Summer Semeste</b>	r One Co	ourse Sequence	7		
MTT 136	1	Milling Operations	6		
ORI 101		Orientation to College	1		
Fall Semester One	Course	Sequence	9		
MTT 147	1	Machining Technology 1	3		
MTT 148	1	Machining Technology 1 Lab	3		
MTT 121	1	Basic Blueprint Reading for Machinists	3		
Spring Semester C	One Cou	rse Sequence	12		
MTT 149	1	Machining Technology 2	3		
MTT 150	1	Machining Technology 2 Lab	3		
MTT 129	1	Lathe Operations	6		
Requirements for NOTE: The categor		ard are complete Credits Earned does not include any developmental	28	s. Developme	ental courses are

considered pre-requisite courses. *The schedule is valid for SUMMER DAY Admission.* 

Lawson State Community College--Course Sequence Guide (CSG)
am: Mechatronics Short to Manufacturing Degree --- DAY--- Fall Start Program:

Course ID		Course Title	Cre	dit Ho	urs	Recognized	Notes
			STC	CER	AAS	Certificate(s)  Available	
all Semester One	Cour	se Sequence	16	16	16		
ORI 101		Orientation to College	1	1	1		
ET 100	T1	Introduction to Engineering Technology	3	3	3		
TC 101	T2	DC Fundamentals	3	3	3		
LT 194		Introduction to PLC	3	3	3		
NT 118		Fundamentals of Industrial Hydraulics/Pneumatics	3	3	3		
Area V		Mechatronics Short Elective	3	3	3		
Spring Semester C	ne Co	ourse Sequence	9	12	12		
TC 108		Motor Controls	3	3	3		
NT 117	Ì	Principles of Industrial Mechanics	3	3	3		
AUT 232		Sensor Technology and Applications	3	3	3		
Aron III		MTH 116 Mathematical Applications (Preferred) or		3	3		
Area III		MTH 100 Intermediate Algebra		3	3		
Summer Semester	Cour	se Sequence	3	12	12		
AUT 208		Automated System Diagnosis and Troubleshooting	3	3	3		
AUT 100		Introduction to Automotive Concepts		3	3		
Area I		ENG 101 English Composition I		3	3		
Area V+		CIS 130 Introduction to Information Systems (Preferred)		3	3		
		or CIS 146 Microcomputer Applications		3	,		
		ward are complete	28				
Fall Semester Two	Cour	se Sequence	0	12	15		
AUT 102		Lean Mfg and Industrial Safety		3	3	Select Elective if t	taken in Fall Semester 1
AUT 104		Blueprint Reading for Manufacturing		3	3		
AUT 116		Introduction to Robotics		3	3		
Area II		SPH 106, 107,or <b>116 (Preferred)</b> (CER or AAS)		3	3		
Area V		Manufacturing Elective			3		
Requirements for	CER a	ward are complete		52			
Spring Semester T	wo Co	ourse Sequence			15		
Area II		Humanities or Fine Arts			3		
Area III		Natural Science - PHS 112 Preferred			4		
Area IV		History or Social/Behavioral Science			3		
Area V		Manufacturing Elective			3		
AREA V+		One credit hour PE course			1		
AREA V+	1	One credit hour PE course			1		
Requirements for	AAS a	ward are complete			70		
		Total Credits Earned does not include any developmental c			elopme	ental courses are co	nsidered pre-requisite

	Mechatronics Short Certificate Electives						
AUT 212	Robotic Operation & Programming	Fall					
AUT 102	Lean Mfg and Industrial Safety	Fall					
ILT 196	Adv. Programmable Logic Controllers	Fall					
AUT 199	Special Topics in Manufacturing	Sum					

Fall Electives						
INT 126		Preventive Maintenance	Fall			
AUT 212		Robotic Operation & Programming	Fall			
ILT 196		Adv. Programmable Logic Controllers	Fall			
ILT 196 or ILT 232		Advanced PLC or PLCs in Automated Systems	Fall			

Spring Electives							
AUT 213	Robotics Project	Spr					
AUT 214	Robotic Manuf. & Computer Simulation	Spr					
ILT 281	Special Topics in Robotics	Spr					

Summer Electives							
ILT 232	PLCs in Automated Systems	Sum					
INT 127	Industrial Pumps & Piping Systems	Sum					
AUT 199	Special Topics in Manufacturing	Sum					

# Lawson State Community College--Course Sequence Guide (CSG) Program: Mechatronics Short to Manufacturing Degree --- DAY--- Spring Start

Course ID	Course Title		Cred	dit Ho	urs	Recognized
Course ID		Course Title	STC	STC CER		Certificate(s)
Spring Semester O	ne Co	urse Sequence	1	7	11	
ORI 101		Orientation to College	1	1	1	
Area V+		CIS 130 Introduction to Information Systems (Preferred)		3	3	
11Ca V+		or CIS 146 Microcomputer Applications		_	3	
Area I		ENG 101 English Composition I		3	3	
Area V		Manufacturing Elective			3	
AREA V+		One credit hour PE course			1	
Summer Semester	One	Course Sequence	3	9	9	
AUT 100		Introduction to Automotive Concepts		3	3	
Area V		Mechatronics Short Elective	3	3	3	
Area III		MTH 116 Mathematical Applications (Preferred) or		3	3	
Area III		MTH 100 Intermediate Algebra		3	3	
Fall Semester One	Cours	se Sequence	12	12	15	
EET 100	T1	Introduction to Engineering Technology	3	3	3	
ETC 101	T2	DC Fundamentals	3	3	3	
ILT 194		Introduction to PLC	3	3	3	
INT 118		Fundamentals of Industrial Hydraulics/Pneumatics	3	3	3	
Area V		Manufacturing Elective			3	
Spring Semester Tv	wo Co	ourse Sequence	9	9	13	
ETC 108	$\Box$	Motor Controls	3	3	3	
INT 117		Principles of Industrial Mechanics	3	3	3	
AUT 232		Sensor Technology and Applications	3	3	3	
Area III		Natural Science - PHS 112 Preferred			4	
Summer Semester	Two	Course Sequence	3	3	10	
AUT 208		Automated System Diagnosis and Troubleshooting	3	3	3	
Area II		Humanities or Fine Arts			3	
Area IV		History or Social/Behavioral Science			3	
AREA V+		One credit hour PE course			1	
Requirements for S	STC av	ward are complete	28			
Fall Semester Two		<u> </u>		12	12	
AUT 102		Lean Mfg and Industrial Safety		3	3	
AUT 104	T	Blueprint Reading for Manufacturing		3	3	
AUT 116	lacktriangledown	Introduction to Robotics		3	3	
Area II	lacktriangledown	SPH 106, 107, or <b>116 (Preferred)</b> (CER or AAS)		3	3	
	CER a	ward are complete		52	,	
		ward are complete		J2	70	
	AVAR E	ward are complete			-/0	

	Mechatronics Short Certificate Electives						
AUT 212	Robotic Operation & Programming	Fall					
AUT 102	Lean Mfg and Industrial Safety	Fall					
ILT 196	Adv. Programmable Logic Controllers	Fall					
AUT 199	Special Topics in Manufacturing	Sum					

	Fall Electives						
INT 126	Preventive Maintenance	Fall					
AUT 212	Robotic Operation & Programming	Fall					
ILT 196	Adv. Programmable Logic Controllers	Fall					
ILT 196 or ILT 232	Advanced PLC or PLCs in Automated Systems	Fall					

Spring Electives						
AUT 213	Robotics Project	Spr				
AUT 214	Robotic Manuf. & Computer Simulation	Spr				
ILT 281	Special Topics in Robotics	Spr				

Summer Electives							
ILT 232	PLCs in Automated Systems	Sum					
INT 127	Industrial Pumps & Piping Systems	Sum					
AUT 199	Special Topics in Manufacturing	Sum					

# Lawson State Community College--Course Sequence Guide (CSG) Program: Mechatronics Short to Manufacturing Degree --- DAY --- Summer Start

Course ID		Course Title		dit Ho	urs	Recognized	
		course rine	STC	CER	AAS	Certificate(s)	
ummer Semest	er One	Course Sequence	1	7	12		
ORI 101		Orientation to College	1	1	1		
Area V		Manufacturing Elective			3		
Area V+		CIS 130 Introduction to Information Systems (Preferred) or CIS 146 Microcomputer Applications		3	3		
AREA V+		One credit hour PE course			1		
AREA V+		One credit hour PE course			1		
Area III		MTH 116 Mathematical Applications (Preferred) or MTH 100 Intermediate Algebra		3	3		
Fall Semester On	e Cours		15	15	15		
EET 100	T1	Introduction to Engineering Technology	3	3	3		
ETC 101	_	DC Fundamentals	3	3	3		
LT 194		Introduction to PLC	3	3	3		
INT 118		Fundamentals of Industrial Hydraulics/Pneumatics	3	3	3		
Area V		Mechatronics Short Elective	3	3	3		
Spring Semester	One Co	urse Sequence	9	15	15		
ETC 108		Motor Controls	3	3	3		
INT 117		Principles of Industrial Mechanics	3	3	3		
AUT 232		Sensor Technology and Applications	3	3	3		
Area II		SPH 106, 107,or <b>116 (Preferred)</b> (CER or AAS)		3	3		
Area I		ENG 101 English Composition I		3	3		
Summer Semesto	er Cour	se Sequence	3	6	12		
AUT 208		Automated System Diagnosis and Troubleshooting	3	3	3		
AUT 100		Introduction to Automotive Concepts		3	3		
Area II		Humanities or Fine Arts			3		
Area IV		History or Social/Behavioral Science			3		
Requirements fo	r STC a	ward are complete	28				
Fall Semester Tw	o Cour	se Sequence		9	16		
AUT 102		Lean Mfg and Industrial Safety		3	3		
AUT 104		Blueprint Reading for Manufacturing		3	3		
AUT 116		Introduction to Robotics		3	3		
Area V		Manufacturing Elective			3		
Area III		Natural Science - PHS 112 Preferred			4		
Requirements fo	r CER a	ward are complete		52			
		ward are complete			70		

Mechatronics Short Certificate Electives					
AUT 212	Robotic Operation & Programming	Fall			
AUT 102	Lean Mfg and Industrial Safety	Fall			
ILT 196	Adv. Programmable Logic Controllers	Fall			
AUT 199	Special Topics in Manufacturing	Sum			

	Fall Electives	
INT 126	Preventive Maintenance	Fall
AUT 212	Robotic Operation & Programming	Fall
ILT 196	Adv. Programmable Logic Controllers	Fall
ILT 196 or ILT 232	Advanced PLC or PLCs in Automated Systems	Fall

Spring Electives						
AUT 213	Robotics Project	Spr				
AUT 214	Robotic Manuf. & Computer Simulation	Spr				
ILT 281	Special Topics in Robotics	Spr				

Summer Electives						
ILT 232	PLCs in Automated Systems	Sum				
INT 127	Industrial Pumps & Piping Systems	Sum				
AUT 199	Special Topics in Manufacturing	Sum				

Media Production Degree --- DAY--- Fall Start Program:

Course ID		Course Title	Cre	edit Ho	urs	Industry Recognized	
Course ID		Course ritte	STC	CER	AAS	Certificate(s) Earned	Completed
Fall Semeste	r One	Course Sequence	10	13	14		
ORI 101		Orientation to College	1	1	1		
RTV 118		Media Pre-Production I	3	3	3		
RTV 119	T1	Video Production I	3	3	3		
RTV 219	T2	Video Production II		3	3		
MCM 100		Introduction to Mass Communications	3	3	3		
PED		1 Credit Hour PE Course			1		
Spring Seme	ster C	One Course Sequence	12	15	15		
RTV 101		Introduction to Broadcasting	3	3	3		
RTV 115	T1	Audio Production I	3	3	3		
RTV 215	T2	Audio Production II	3	3	3		
RTV 125		Digital Photography Foundation	3	3	3		
		MTH 116 Mathematical Applications (Preferred) or MTH					
Area III		100 Intermediate Algebra		3	3		
Summer Sen	nestei	r Course Sequence	6	12	12		
RTV 120		Media Post-Production I	3	3	3		
RTV 268		Special Topics in Media	3	3	3		
RTV 153		Practicum in Television/Video I		3	3		
Area I		COM 100 Career Technical English (CER) or		2	2		
		ENG 101 (CER or AAS)		3	3		
		STC award are complete	28				
	r Two	Course Sequence		9	16	•	
RTV 220		Media Post-Production II		3	3		
RTV 154		Practicum in Television/Video II			3		
Area III		Natural Science			4		
Area II		SPH 106, 107,or <b>116 (Preferred)</b> (CER or AAS)		3	3		
AREA V		CIS 130 Intro to Information Systems (Preferred) or CIS		2	2		
		146 Microcomputer Applications		3	3		
		CER award are complete		49			
	ster T	wo Course Sequence			13	<u> </u>	
MCM 102		Writing for the Mass Media			3		
RTV 191		Internship in Radio or Television Broadcasting			3		
Area II		Humanities or Fine Arts			3		
Area IV	<u> </u>	History or Social/Behavioral Science			3		
PED		1 credit hour PE course			1		
Requiremen	ts for	AAS award are complete			70		
NOTE: The c	atego	ry Total Credits Earned does not include any developmental	course	s. Dev	elopm	ental courses are consi	dered pre-
	_	The schedule is valid for FALL DAY Admission.			·		

Media Production Degree --- DAY--- Spring Start Program:

Course ID		Course Title		edit Ho	urs	Industry Recognized
Course 15					AAS	Certificate(s) Available
Spring Semester	One Cou	irse Sequence	13	13	13	
ORI 101		Orientation to College	1	1	1	
RTV 101		Introduction to Broadcasting	3	3	3	
RTV 115	T1	Audio Production I	3	3	3	
RTV 215	T2	Audio Production II	3	3	3	
RTV 125		Digital Photography Foundation	3	3	3	
Summer Semeste	er One C	ourse Sequence	0	9	12	
Area III		MTH 116 Mathematical Applications (Preferred) or MTH 100 Intermediate Algebra		3	3	
Area I		COM 100 Career Technical English (CER) or ENG 101 (CER or AAS)		3	3	
AREA V		CIS 130 Intro to Information Systems (Preferred) or CIS 146 Microcomputer Applications		3	3	
Area IV		History or Social/Behavioral Science			3	
all Semester On	e Course	e Sequence	9	12	13	
RTV 118		Media Pre-Production I	3	3	3	
RTV 119	T1	Video Production I	3	3	3	
RTV 219	T2	Video Production II		3	3	
MCM 100		Introduction to Mass Communications	3	3	3	
PED		1 Credit Hour PE Course			1	
Requirements fo	r STC aw	ard are complete	22			
Spring Semester	Two Cou	irse Sequence	0	3	13	
MCM 102		Writing for the Mass Media			3	
RTV 191		Internship in Radio or Television Broadcasting			3	
Area III		Natural Science			4	
Area II		SPH 106, 107,or <b>116 (Preferred)</b> (CER or AAS)		3	3	
Requirements fo	r CER aw	vard are complete		37		
Summer Semeste	er Two C	ourse Sequence		9	12	
RTV 120		Media Post-Production I	3	3	3	
RTV 268		Special Topics in Media	3	3	3	
RTV 153		Practicum in Television/Video I		3	3	
Area II		Humanities or Fine Arts			3	
all Semester Tw	o Course	Sequence		3	7	
RTV 220		Media Post-Production II		3	3	
RTV 154		Practicum in Television/Video II			3	
PED		1 credit hour PE course			1	
	655	yard are complete		49		
Requirements fo	r CER aw	alu ale complete				

requisite courses. The schedule is valid for SPRING DAY Admission.

Program: Media Production Degree --- DAY --- Summer Start

Course ID	Course Title		Cre	edit Ho	urs	Industry Recognized
			STC CER AAS	Certificate(s) Available		
Summer Semester	One C	Course Sequence	1	7	12	
ORI 101		Orientation to College	1	1	1	
Area III		MTH 116 Mathematical Applications (Preferred) or				
Alea III		MTH 100 Intermediate Algebra		3	3	
AREA V		CIS 130 Intro to Information Systems (Preferred) or CIS		3	3	
Area IV		146 Microcomputer Applications History or Social/Behavioral Science		3	3	
PED		1 credit hour PE course			1	
PED		1 Credit Hour PE Course			1	
				- 10		
Fall Semester One RTV 118	Cours	•	9	12	12	
_	T4	Media Pre-Production I	3	3	3	
RTV 119	T1	Video Production I	3	3	3	
RTV 219	T2	Video Production II		3	3	
MCM 100		Introduction to Mass Communications	3	3	3	
Spring Semester O	ne Co		12	12	12	
RTV 101		Introduction to Broadcasting	3	3	3	
RTV 115	T1	Audio Production I	3	3	3	
RTV 215	T2	Audio Production II	3	3	3	
RTV 125		Digital Photography Foundation	3	3	3	
Summer Semester	Cours	e Sequence	6	12	12	
RTV 120		Media Post-Production I	3	3	3	
RTV 268		Special Topics in Media	3	3	3	
RTV 153		Practicum in Television/Video I		3	3	
Area I		COM 100 Career Technical English (CER) or				
Al Ca I		ENG 101 (CER or AAS)		3	3	
Requirements for	STC av	vard are complete	28			
Fall Semester Two	Cours		0	6	13	
RTV 220		Media Post-Production II		3	3	
RTV 154		Practicum in Television/Video II			3	
Area III		Natural Science			4	
Area II		SPH 106, 107,or <b>116 (Preferred)</b> (CER or AAS)		3	3	
Requirements for	CER av	vard are complete		49		
Spring Semester T	wo Co	urse Sequence			9	
MCM 102		Writing for the Mass Media			3	
RTV 191		Internship in Radio or Television Broadcasting			3	
Area II		Humanities or Fine Arts			3	
	-	ward are complete			70	

requisite courses. The schedule is valid for SUMMER DAY Admission.

Degree Program: Medium/Heavy Truck Technician (DEM) Diesel --- DAY --- Fall Start

		Cre	dit Ho	urs	Industry Recognized Certificate(s)	
Course ID	Course Title	STC	CER	АОТ	Earned	Completed
Fall Semester One	Course Sequence	13	16	16		
ORI 101	Orientation to College	1	1	1		
DEM 104	Basic Engines	3	3	3		
DEM 105	Preventive Maintenance	3	3	3		
DEM 111	Equipment Safety/Mechanical Fundamentals	3	3	3		
DEM 122	Heavy Vehicle Brakes	3	3	3		
A === \/	CIS 130 Introduction to Information Systems (Preferred)		3	,		
Area V	or CIS 146 Microcomputer Applications		3	3		
Spring Semester Or	ne Course Sequence	15	18	18		
DEM 125	Heavy Vehicle Drive Trains	3	3	3		
DEM 130	Electrical/Electronic Fundamentals	3	3	3		
DEM 135	Heavy Vehicle Steering and Suspension	3	3	3		
DEM 156	CDL License Test Preparation	3	3	3		
	TRK 112 or DEM 117	3	3	3		
Area II	SPH 106, 107,or <b>116 (Preferred)</b> (CER or AAS)		3	3		
Requirements for S	STC award are complete	28				
Summer Semester	Course Sequence		9	9		
DEM 124	Electronic Engine Systems		3	3		
DEM 126	Advanced Engine Analysis		3	3		
Area III	MTH 116 Mathematical Applications (Preferred) or		3	3		
Area III	MTH 100 Intermediate Algebra		3	3		
Fall Semester Two	Course Sequence		6	16		
DEM 127	Fuel Systems		3	3		
Area I	COM 100 Career Technical English (CER) or		3	3		
Alcui	ENG 101 English Composition I (CER or AOT)		3			
	Minor Requirement			3		
	Minor Requirement			3		
Area II	Humanities or Fine Arts			3		
AREA V	One credit hour PE course			1		
Requirements for C	CER award are complete		49			
Spring Semester Tv	vo Course Sequence			14		
	Minor Requirement			3		
	Minor Requirement			3		
Area IV	History or Social/Behavioral Science			3		
AREA V	One credit hour PE course			1		
Area III	Natural Science - PHS 112 Preferred			4		
Requirements for A	AOT award are complete			73		
NOTE: The categor	y Total Credits Earned does not include any developmental cou	ırses [	evelo	nmer	ntal courses are considered pre-requ	isite

NOTE: The category Total Credits Earned does not include any developmental courses. Developmental courses are considered pre-requisite courses. The schedule is valid for FALL DAY Admission.

# A Minor in AUM consists of two options. Take 12 Hours in **one group only** (Automotive Mechanics or Business)

Approved Medium/Heavy Truck -Diesel AOT Electives (Need 12 Credit Hours)						
AUM 101	Fundamentals of Automotive Technology					
AUM 112	Electrical Fundamentals					
AUM 121	Braking Systems					
AUM 122	Suspension and Steering					
AUM 124	Automotive Engines					
AUM 130	Drive Train and Axles					
AUM 162	Electrical/Electronic Systems					

	Approved Business AOT Electives (Need 12 Credit Hours)						
BUS	100	Intro Business					
BUS	210	Introduction to Accounting					
BUS	215	Business Communication					
BUS	275	Principles of Management					
BUS	276	Human Resource Management					
BUS	279	Small Business Management					

Program: Medium/Heavy Truck Technician (DEM) Diesel --- DAY--- Spring Start

Course ID	Course Title		dit Ho	urs	Industry Recognized Certificate(s	
			CER	AAS	Available	
Spring Semester One	Course Sequence	10	13	14		
ORI 101	Orientation to College	1	1	1		
DEM 125	Heavy Vehicle Drive Trains	3	3	3		
DEM 130	Electrical/Electronic Fundamentals	3	3	3		
DEM 135	Heavy Vehicle Steering and Suspension	3	3	3		
Area V	CIS 130 Introduction to Information Systems (Preferred) or CIS 146 Microcomputer Applications		3	3		
AREA V	One credit hour PE course			1		
Summer Semester Or	ne Course Sequence	0	12	15		
DEM 124	Electronic Engine Systems		3	3		
DEM 126	Advanced Engine Analysis		3	3		
	COM 100 Career Technical English (CER) or					
Area I	ENG 101 English Composition I (CER or AOT)		3	3		
Area III	MTH 116 Mathematical Applications (Preferred) or		3	3		
Alealli	MTH 100 Intermediate Algebra		3	3		
Area IV	History or Social/Behavioral Science			3		
Fall Semester Course	Sequence	12	18	18		
DEM 104	Basic Engines	3	3	3		
DEM 105	Preventive Maintenance	3	3	3		
DEM 111	Equipment Safety/Mechanical Fundamentals	3	3	3		
DEM 122	Heavy Vehicle Brakes	3	3	3		
DEM 127	Fuel Systems		3	3		
Area II	SPH 106, 107, or <b>116 (Preferred)</b> (CER or AAS)		3	3		
Requirements for STC	award are complete	22				
Spring Semester Two	Course Sequence	6	6	16		
DEM 156	CDL License Test Preparation	3	3	3		
	TRK 112 or DEM 117	3	3	3		
	Minor Requirement			3		
	Minor Requirement			3		
Area III	Natural Science - PHS 112 Preferred			4		
Requirements for CEF	R award are complete		49			
Summer Semester Tw	o Course Sequence			10		
	Minor Requirement			3		
	Minor Requirement			3		
Area II	Humanities or Fine Arts			3		
AREA V	One credit hour PE course			1		
Requirements for AA	S award are complete			73		

NOTE: The category *Total Credits Earned* does not include any developmental courses. Developmental courses are considered pre-requisite courses. *The schedule is valid for SPRING DAY Admission*.

### A Minor in AUM consists of two options. Take 12 Hours in one group only

Approved Medium/Heavy Truck -Diesel AOT Electives (Need 12 Credit Hours)						
AUM 101	Fundamentals of Automotive Technology					
AUM 112	Electrical Fundamentals					
AUM 121	Braking Systems					
AUM 122	Suspension and Steering					
AUM 124	Automotive Engines					
AUM 130	Drive Train and Axles					
AUM 162	Electrical/Electronic Systems					

	Approved Business AOT Electives							
	(Need 12 Credit Hours)							
BUS	100	Intro Business						
BUS	210	Introduction to Accounting						
BUS	215	Business Communication						
BUS	275	Principles of Management						
BUS	276	Human Resource Management						
BUS	279	Small Business Management						

Program: Medium/Heavy Truck Technician (DEM) Diesel --- DAY --- Summer Start

Course ID	Course Title		dit Ho	urs	Industry Recognized Certificate(s	
554.55 12				AAS	Available	
Summer Semester O	ne Course Sequence	1	7	12		
ORI 101	Orientation to College	1	1	1		
Area V	CIS 130 Introduction to Information Systems (Preferred) or CIS 146 Microcomputer Applications		3	3		
Area III	MTH 116 Mathematical Applications (Preferred) or MTH 100 Intermediate Algebra		3	3		
AREA V	One credit hour PE course			1		
Area III	Natural Science - PHS 112 Preferred			4		
all Semester One Co	ourse Sequence	12	15	15		
DEM 104	Basic Engines	3	3	3		
DEM 105	Preventive Maintenance	3	3	3		
DEM 111	Equipment Safety/Mechanical Fundamentals	3	3	3		
DEM 122	Heavy Vehicle Brakes	3	3	3		
Area I	COM 100 Career Technical English (CER) or ENG 101 English Composition I (CER or AOT)		3	3		
Spring Semester One		15	15	15		
DEM 125	Heavy Vehicle Drive Trains	3	3	3		
DEM 130	Electrical/Electronic Fundamentals	3	3	3		
DEM 135	Heavy Vehicle Steering and Suspension	3	3	3		
DEM 156	CDL License Test Preparation	3	3	3		
	TRK 112 or DEM 117	3	3	3		
Requirements for ST	C award are complete	28				
Summer Semester C	ourse Sequence	0	9	12		
DEM 124	Electronic Engine Systems		3	3		
DEM 126	Advanced Engine Analysis		3	3		
Area II	SPH 106, 107, or <b>116 (Preferred)</b> (CER or AAS)		3	3		
Area IV	History or Social/Behavioral Science			3		
all Semester Two C		0	3	13		
DEM 127	Fuel Systems		3	3		
	Minor Requirement			3		
	Minor Requirement			3		
Area II	Humanities or Fine Arts			3		
AREA V	One credit hour PE course			1		
	R award are complete		49			
Spring Semester Two				6		
	Minor Requirement			3		
	Minor Requirement			3		
	AS award are complete			73		

requisite courses. The schedule is valid for SUMMER DAY Admission.

### A Minor in AUM consists of two options. Take 12 Hours in one group only

Approved Medium/Heavy Truck -Diesel AOT Electives (Need 12 Credit Hours)						
AUM 101	Fundamentals of Automotive Technology					
AUM 112	Electrical Fundamentals					
AUM 121	Braking Systems					
AUM 122	Suspension and Steering					
AUM 124	Automotive Engines					
AUM 130	Drive Train and Axles					
AUM 162	Electrical/Electronic Systems					

Approved Business AOT Electives									
	(Need 12 Credit Hours)								
BUS	100	Intro Business							
BUS	210	Introduction to Accounting							
BUS	215	Business Communication							
BUS	275	Principles of Management							
BUS	276	Human Resource Management							
BUS	279	Small Business Management							

Degree Program: Plumbing and Pipefitting (PLB) - Fall Admission-----Short Only

Course ID		Course Title	Cre	Credit Hours		Industry Recognized	Completed
			ST	C	CER	Certificate(s) Earned	
Fall Semester One Course Sequence			13	3			
ORI 101		Orientation to College	1				
PLB 111		Introduction to Plumbing	3				
PLB 113		Pipes & Fittings	3				
PLB 115		Pressure & Non-Pressure Systems					
PLB 116		Pressure & Non-Pressure Systems Applications					
Spring Semester One	Course Se	equence	15	5			
PLB 112		Plumbing Applications	3				
PLB 117		Plumbing Codes	3				
PLB 118		Code Application	3				
PLB 211		Plumbing & Repair & Installation	3				
PLB 224	PLB 224 Plumbing CO-OP		3				
Requirements for STC award are complete		28	3				

NOTE: The category *Total Credits Earned* does not include any developmental courses. Developmental courses are considered pre-requisite courses. *The schedule is valid for FALL DAY Admission.* 

Degree Program: Plumbing and Pipefitting (PLB) - Spring Admission-----Short Only

Student:
tudent'

Course ID		Course Title	Credit Hours		Industry Recognized	Completed
			STC	CER	Certificate(s) Earned	
Spring Semester One Course Sequence			10			
ORI 101		Orientation to College	1			
PLB 111		Introduction to Plumbing	3			
PLB 112		Plumbing Applications	3			
PLB 118	Code Application		3			
Summer Semester O	ne Course	Sequence	12			
PLB 115		Pressure & Non-Pressure Systems	3			
PLB 116		Pressure & Non-Pressure Systems Applications	3			
PLB 211		Plumbing & Repair & Installation	3			
PLB 224	PLB 224 Plumbing CO-OP		3			
Fall Semester One Course Sequence		6				
PLB 113		Pipes & Fittings	3			
PLB 117	PLB 117 Plumbing Codes		3			
Requirements for STC award are complete			28			

NOTE: The category Total Credits Earned does not include any developmental courses. Developmental courses are considered pre-requisite courses. The schedule is valid for **Spring DAY** Admission.

Degree Program: Plumbing and Pipefitting (PLB) - Summer Admission-----Short Only

Course ID	Course Title		ď	Credit Hours		Industry Recognized	Completed
				STC	CER	Certificate(s) Earned	
Summer Semester O	ne Course	Sequence		10			
ORI 101		Orientation to College		1			
PLB 115		Pressure & Non-Pressure Systems		3			
PLB 116		Pressure & Non-Pressure Systems Applications		3			
PLB 211		Plumbing & Repair & Installation		3			
Fall Semester One Co	ourse Sequ	ience		9			
PLB 111		Introduction to Plumbing		3			
PLB 113		Pipes & Fittings		3			
PLB 224		Plumbing CO-OP		3			
Spring Semester One	Course Se	equence		9			
PLB 112		Plumbing Applications		3			
PLB 117		Plumbing Codes		3			
PLT 118		Code Application		3			
Requirements for ST	C award a	re complete		28			

NOTE: The category Total Credits Earned does not include any developmental courses. Developmental courses are considered pre-requisite courses. The schedule is valid for **SUMMER DAY** Admission.

Program: Robotics Short to Manufacturing Degree --- DAY --- Fall Start

				dit Ho	urs	Industry Recognized	
Course ID		Course Title	STC	CER	AAS	Certificate(s) Available	Completed
Fall Semest	ne Course Sequence	16	16	16			
ORI 101		Orientation to College	1	1	1		
EET 100	T1	Introduction to Engineering Technology	3	3	3		
ETC 101	T2	DC Fundamentals	3	3	3		
AUT 116	T1	Introduction to Robotics	3	3	3		
AUT 212	T2	Robotic Operation & Programming	3	3	3		
Area V		Robotics Short Elective	3	3	3		
Spring Sem	este	r One Course Sequence	12	15	15		
ETC 108		Motor Controls	3	3	3		
Area V		Robotics Short Elective	3	3	3		
Area V		Robotics Short Elective	3	3	3		
Area V		Robotics Short Elective	3	3	3		
Area III		MTH 116 Mathematical Applications (Preferred) or		3	3		
		MTH 100 Intermediate Algebra		9	,		
		or STC award are complete	28				
	mes	ter Course Sequence	0	9	12		
AUT 208		Automated System Diagnosis and Troubleshooting			3		
AUT 100		Introduction to Automotive Concepts		3	3		
Area I		ENG 101 English Composition I		3	3		
Area V+		CIS 130 Intro to Information Systems (Preferred) or CIS		3	3		
Fall Campai	ou T	146 Microcomputer Applications	0	12	15		
	er i	wo Course Sequence	U	3	3		
AUT 104		Blueprint Reading for Manufacturing		_	3		
AUT 102		Lean Mfg and Industrial Safety		3	3	Coloot Floative if	taken in Fall Semester 1
ILT 194		Introduction to PLC		3	3	Select Elective II	taken in Fall Semester 1
Area II		SPH 106, 107,or 116 (Preferred) (CER or AAS)		3	3		
Area II		Humanities or Fine Arts			3		
		or CER award are complete r Two Course Sequence		52	12		
Area V	este	· · · · · · · · · · · · · · · · · · ·			3	<u> </u>	
Area III		Manufacturing Elective Natural Science - PHS 112 Preferred			4		
					3		
Area IV AREA V+		History or Social/Behavioral Science One credit hour PE course			1		
					1		
AREA V+		One credit hour PE course					
		or AAS award are complete	nonte!		70	ovelenmental severe	and according to the control of
NOTE: Th	ie ca	tegory Total Credits Earned does not include any develope courses. The schedule is valid				•	are considered pre-requisi

	Robotics Short Certificate Electives			
AUT 213	Robotics Project	Spr		
AUT 214	Robotic Manuf. & Computer Simulation	Spr		
ILT 281	Special Topics in Robotics	Spr		
ETC 108	Motor Controls	Spr		
ILT 194	Introduction to PLC	Fall		Spring Electives
AUT 232	Sensor Technology & Applications	Spr	AUT 213	Robotics Project
INT 118	Fundamentals of Industrial Hydraulics/Pneumatics	Fall	AUT 214	Robotic Mfg & Computer Simulation
			ILT 281	Special Topics in Robotics
			101 201	Special Topics III Robotics

Fall Electives					
INT 126	Preventive Maintenance				
ILT 196	Adv. Programmable Logic Controllers				
ILT 196	Advanced PLC				
INT 118	Fundamentals of Industrial Hydraulics/Pneumatics				

Summer Electives							
ILT 232	PLCs in Automated Systems						
INT 127	Industrial Pumps & Piping Systems						
AUT 199	Special Topics in Manufacturing						

### ${\bf Lawson\ State\ Community\ College--Course\ Sequence\ Guide\ \ (CSG)}$

Program: Robotics Short to Manufacturing Degree --- DAY--- Spring Start

Course ID		Course Title		dit Ho	urs	Industry Recognized	Completed	
course 1D		Goulde Hale		STC CER AAS		Certificate(s) Available	Completed	
Spring Sen	nest	er One Course Sequence	1	7	12			
ORI 101		Orientation to College	1	1	1			
Area V		Manufacturing Elective			3			
Area I		ENG 101 English Composition I		3	3			
		CIS 130 Introduction to Information Systems			_			
Area V+		(Preferred) or CIS 146 Microcomputer Applications		3	3			
AREA V+		One credit hour PE course			1			
AREA V+		One credit hour PE course			1			
Summer S	eme	ester One Course Sequence	0	9	12			
AUT 100		Introduction to Automotive Concepts		3	3			
Area III		MTH 116 Mathematical Applications (Preferred) or		3	3			
Al Ca III		MTH 100 Intermediate Algebra		3	3			
Area II		SPH 106, 107,or <b>116 (Preferred)</b> (CER or AAS)		3	3			
Area IV		History or Social/Behavioral Science			3			
Fall Semes	ter	Course Sequence	15	15	15			
EET 100	T1	Introduction to Engineering Technology	3	3	3			
ETC 101	T2	DC Fundamentals	3	3	3			
AUT 116	T1	Introduction to Robotics	3	3	3			
AUT 212	T2	Robotic Operation & Programming	3	3	3			
Area V		Robotics Short Elective	3	3	3			
Requireme	ents	for STC award are complete	16					
Spring Sen	nest	er Two Course Sequence	12	12	16			
ETC 108	1	Motor Controls	3	3	3			
Area V		Robotics Short Elective	3	3	3			
Area V		Robotics Short Elective	3	3	3			
Area V		Robotics Short Elective	3	3	3			
Area III		Natural Science - PHS 112 Preferred			4			
Requireme	ents	for CER award are complete		43				
Summer S	eme	ester Two Course Sequence			3			
AUT 208		Automated System Diagnosis and Troubleshooting			3			
Fall Semes	ter	Two Course Sequence		9	12			
AUT 104		Blueprint Reading for Manufacturing		3	3			
AUT 102	T	Lean Mfg and Industrial Safety		3	3			
AU 1 102		Introduction to PLC		3	3	Select Elective if tal	ken in Fall Semester 1	
		introduction to FLC		-				
ILT 194					3			
ILT 194 Area II	ents	Humanities or Fine Arts		52	3			
ILT 194 Area II <b>Requirem</b> e				52	<b>70</b>			

	Robotics Short Certificate Electives					
AUT 213	Robotics Project	Spr				
AUT 214	Robotic Manuf. & Computer Simulation	Spr				
ILT 281	Special Topics in Robotics	Spr	1			
ETC 108	Motor Controls	Spr				
ILT 194	Introduction to PLC	Fall		Spring Electives		
AUT 232	Sensor Technology & Applications	Spr	AUT 213	Robotics Project		
INT 118	Fundamentals of Industrial Hydraulics/Pneumatics	Fall	AUT 214	Robotic Mfg & Computer Simulation		
			ILT 281	Special Topics in Robotics		

Fall Electives					
INT 126	Preventive Maintenance				
ILT 196	Adv. Programmable Logic Controllers				
ILT 196	Advanced PLC				
INT 118	Fundamentals of Industrial Hydraulics/Pneumatics				

Summer Electives							
ILT 232	PLCs in Automated Systems						
INT 127 Industrial Pumps & Piping Systems							
AUT 199	Special Topics in Manufacturing						

Program: Robotics Short to Manufacturing Degree --- DAY --- Summer Start

Course		Course Title	Credit Hours			Industry Recognized	Completed
ID				CER	AAS	Certificate(s) Available	, , , , , , , , , , , , , , , , , , ,
Summer S	Seme	ester One Course Sequence	1	10	13		
ORI 101		Orientation to College	1	1	1		
AUT 100		Introduction to Automotive Concepts		3	3		
Area III		MTH 116 Mathematical Applications (Preferred) or MTH 100 Intermediate Algebra		3	3		
Area V+		CIS 130 Intro to Information Systems (Preferred) or CIS 146 Microcomputer Applications		3	3		
Area V		Manufacturing Elective			3		
Fall Seme	ster	One Course Sequence	15	15	15		
EET 100	T1	Introduction to Engineering Technology	3	3	3		
ETC 101	T2	DC Fundamentals	3	3	3		
AUT 116	T1	Introduction to Robotics	3	3	3		
AUT 212	T2	Robotic Operation & Programming	3	3	3		
Area V		Robotics Short Elective	3	3	3		
Spring Ser	mest	er One Course Sequence	12	15	15		
ETC 108		Motor Controls	3	3	3		
Area V		Robotics Short Elective	3	3	3		
Area V		Robotics Short Elective	3	3	3		
Area V		Robotics Short Elective	3	3	3		
Area I		ENG 101 English Composition I		3	3		
Summer S	Seme	ester Course Sequence	0	3	13		
AUT 208		Automated System Diagnosis and Troubleshooting			3		
Area II		SPH 106, 107,or <b>116 (Preferred)</b> (CER or AAS)		3	3		
Area II		Humanities or Fine Arts			3		
Area IV		History or Social/Behavioral Science			3		
AREA V+		One credit hour PE course			1		
Requirem	ents	for STC award are complete	28				
Fall Seme	ster '	Two Course Sequence	0	9	14		
AUT 104		Blueprint Reading for Manufacturing		3	3		
AUT 102		Lean Mfg and Industrial Safety		3	3		
ILT 194		Introduction to PLC		3	3	Select Elective if ta	ken in Fall Semester 1
Area III		Natural Science - PHS 112 Preferred			4		
AREA V+		One credit hour PE course			1		
Requirem	ents	for CER award are complete		52			
Requirements for AAS award are complete 70							

Robotics Short Certificate Electives						
AUT 213	Robotics Project	Spr				
AUT 214	Robotic Manuf. & Computer Simulation	Spr	1			
ILT 281	Special Topics in Robotics	Spr	Ì			
ETC 108	Motor Controls	Spr				
ILT 194	Introduction to PLC	Fall	]			
AUT 232	Sensor Technology & Applications	Spr	]	AUT 213		
INT 118	Fundamentals of Industrial Hydraulics/Pneumatics	Fall	]	AUT 214		
·			Ī	ILT 281		

Fall Electives					
INT 126		Preventive Maintenance			
ILT 196		Adv. Programmable Logic Controllers			
ILT 196		Advanced PLC			
INT 118		Fundamentals of Industrial Hydraulics/Pneumatics			

	Summer Electives
ILT 232	PLCs in Automated Systems
INT 127	Industrial Pumps & Piping Systems
AUT 199	Special Topics in Manufacturing

# Lawson State Community College--Course Sequence Guide (CSG) Welding Technology --- DAY--- Fall Start

Program:

Course ID	Course Title	Credit Hours			Industry Recognized Certificate(s)	Completed
Course ID	Course little		CER	AOT	Earned	Complete
all Semester C	ne Course Sequence	10	13	16		
ORI 101	Orientation to College	1	1	1		
WDT 108	SMAW/OFC	3	3	3		
WDT 109	SMAW/CAC/PAC	3	3	3		
WDT 122	SMAW Fillet/OFC Lab	3	3	3		
Area V	CIS 130 Introduction to Information Systems (Preferred) or CIS 146 Microcomputer Applications		3	3		
AREA IV	History, Social, or Behavioral Science			3		
Spring Semeste	r One Course Sequence	12	15	15		
WDT 110	Industrial Blueprint	3	3	3		
WDT 119	GMAW Welding	3	3	3		
WDT 223	Blueprint for Fabrication	3	3	3		
Area V	Welding Elective	3	3	3		
Area I	ENG 101 (AOT) or COM 100 (CER)		3	3		
Summer Semes	ster Course Sequence	6	12	12		
Area V	Welding Elective	3	3	3		
Area V	Welding Elective	3	3	3		
Area V	Welding Elective		3	3		
Area III	MTH 116 Mathematical Applications (Preferred) or MTH 100 Intermediate Algebra		3	3		
Requirements f	for STC award are complete	28				
Fall Semester			12	16		
WDT 120	SMAW Groove		3	3		
WDT 218	Certification		3	3		
WDT 228	GTAW Welding		3	3		
Area II	SPH 106, 107,or <b>116 (Preferred)</b> (CER or AAS)		3	3		
Area V	One hour PE class			1		
	Minor Elective from Approved List			3		
Requirements f	for CER award are complete		52			
Spring Semeste	r Two Course Sequence			17		
	Minor Elective from Approved List			3		
	Minor Elective from Approved List			3		
	Minor Elective from Approved List			3		
AREA II	Humanities or Fine Arts			3		
Area V	One hour PE class			1		
Area III	Natural Science - PHS 112 Preferred			4		
Requirements f	for AOT award are complete			76		

Spring Electives				
WDT 166	Flux Core Arc Welding			
WDT 125	SMAW Groove Lab			
WDT 217	SMAW Carbon Pipe			

Approved Industrial Maintenance AOT Electives (Need 12 Credit Hours)					
AUT 102		Lean Mfg and Industrial Safety			
AUT 104		Blueprint Reading for Manufacturing			
AUT 116	T1	Introduction to Robotics			
AUT 212	T2	Robotic Operation & Programming			
EET 100	T1	Introduction to Engineering Technology			
ETC 101	T2	DC Fundamentals			
ETC 108		Motor Controls			
ILT 194		Introduction to PLC			
INT 117		Principles of Industrial Mechanics			
INT 118		Fund. of Ind. Hydraulics/Pneumatics			
INT 124		Production Equip. Layout & Installation			
INT 126		Preventive Maintenance			
INT 127		Prin. Of Industrial Pumps & Piping Systems			
INT 134		Ind. Maintenance Welding & Cutting			

	Summer Electives
WDT 219	Welding Inspection and Testing
WDT 221	Pipefitting and Fabrication
WDT 157	Consumable Processes
WDT 124	GMAW Lab

# Lawson State Community College--Course Sequence Guide (CSG) Welding Technology --- DAY--- Spring Start

Program:

Course ID	Course Title		dit Ho	urs	Industry Recognized Certificate(s)	Completed
			CER	AAS	Available	
Spring Semester O	ne Course Sequence	13	16	16		
ORI101	Freshman Orientation	1	1	1		
WDT 108	SMAW/OFC	3	3	3		
WDT 110	Industrial Blueprint	3	3	3		
WDT 119	GMAW Welding	3	3	3		
WDT 223	Blueprint for Fabrication	3	3	3		
	MTH 116 Mathematical Applications (Preferred) or					
Area III	MTH 100 Intermediate Algebra		3	3		
Summer Semester	One Course Sequence	9	15	15		
Area V	Welding Elective	3	3	3		
Area V	Welding Elective	3	3	3		
Area V	Welding Elective	3	3	3		
Area V	CIS 130 Introduction to Information Systems (Preferred) or CIS 146 Microcomputer Applications		3	3		
Area I	ENG 101 (AOT) or COM 100 (CER)		3	3		
Fall Semester Cour	se Sequence	6	15	15		
WDT 109	SMAW/CAC/PAC	3	3	3		
WDT 122	SMAW Fillet/OFC Lab	3	3	3		
WDT 120	SMAW Groove		3	3		
WDT 218	Certification		3	3		
WDT 228	GTAW Welding		3	3		
Requirements for S	STC award are complete	28				
Spring Semester Ty	wo Course Sequence	0	6	15		
Area V	Welding Elective		3	3		
Area II	SPH 106, 107,or <b>116 (Preferred)</b> (CER or AAS)		3	3		
AREA IV	History, Social, or Behavioral Science			3		
	Minor Elective from Approved List			3		
	Minor Elective from Approved List			3		
Requirements for CER award are complete			52			
Summer Semester	Two Course Sequence			15		
	Minor Elective from Approved List			3		
	Minor Elective from Approved List			3		
AREA II	Humanities or Fine Arts			3		
Area III	Natural Science - PHS 112 Preferred			4		
Area V	One hour PE class			1		
Area V	One hour PE class			1		Ī
	AAS award are complete			76		

NOTE: The category Total Credits Earned does not include any developmental courses. Developmental courses are considered pre-requisite courses. The schedule is valid for SPRING DAY Admission.

Spring Electives				
WDT 166	Flux Core Arc Welding			
WDT 125	SMAW Groove Lab			
WDT 217	SMAW Carbon Pipe			

Approved Industrial Maintenance AOT Electives (Need 12 Credit Hours)						
AUT 102		Lean Mfg and Industrial Safety				
AUT 104		Blueprint Reading for Manufacturing				
AUT 116	T1	Introduction to Robotics				
AUT 212	T2	Robotic Operation & Programming				
EET 100	T1	Introduction to Engineering Technology				
ETC 101	T2	DC Fundamentals				
ETC 108		Motor Controls				
ILT 194		Introduction to PLC				
INT 117		Principles of Industrial Mechanics				
INT 118		Fund. of Ind. Hydraulics/Pneumatics				
INT 124		Production Equip. Layout & Installation				
INT 126		Preventive Maintenance				
INT 127		Prin. Of Industrial Pumps & Piping Systems				
INT 134		Ind. Maintenance Welding & Cutting				

Summer Electives					
WDT 219	Welding Inspection and Testing				
WDT 221	Pipefitting and Fabrication				
WDT 157	Consumable Processes				
WDT 124	GMAW Lab				

Program: Electrical (ILE) Short to ILT Degree --- DAY--- Spring Start

Course ID	Course Title		dit Ho	urs	Industry Recognized Certificate(s
Course 15			CER	AAS	Available
Summer Semester	One Course Sequence	1	7	10	
ORI 101	Orientation to College	1	1	1	
Area V	CIS 130 Introduction to Information Systems (Preferred) or CIS 146 Microcomputer Applications		3	3	
Area III	MTH 116 Mathematical Applications (Preferred) or MTH 100 Intermediate Algebra		3	3	
AREA IV	History, Social, or Behavioral Science			3	
Fall Semester One	Course Sequence	9	12	12	
WDT 108	SMAW/OFC	3	3	3	
WDT 109	SMAW/CAC/PAC	3	3	3	
WDT 122	SMAW Fillet/OFC Lab	3	3	3	
Area I	ENG 101 (AOT) or COM 100 (CER)		3	3	
Spring Semester O	ne Course Sequence	12	12	12	
WDT 110	Industrial Blueprint	3	3	3	
WDT 119	GMAW Welding	3	3	3	
WDT 223	Blueprint for Fabrication	3	3	3	
Area V	Welding Elective	3	3	3	
Summer Semester	Course Sequence	6	12	12	
Area V	Welding Elective	3	3	3	
Area V	Welding Elective	3	3	3	
Area V	Welding Elective		3	3	
Area II	SPH 106, 107,or <b>116 (Preferred)</b> (CER or AAS)		3	3	
Requirements for S	TC award are complete	28			
Fall Semester Two	Course Sequence	0	9	16	
WDT 120	SMAW Groove	T	3	3	
WDT 218	Certification		3	3	
WDT 228	GTAW Welding		3	3	
Area V	One hour PE class			1	
	Minor Elective from Approved List			3	
	Minor Elective from Approved List			3	
Requirements for C	CER award are complete		52		
Spring Semester Tv	vo Course Sequence			14	
	Minor Elective from Approved List			3	
	Minor Elective from Approved List			3	
AREA II	Humanities or Fine Arts			3	
Area V	One hour PE class			1	
Area III	Natural Science - PHS 112 Preferred			4	
Requirements for A	AAS award are complete			76	

NOTE: The category *Total Credits Earned* does not include any developmental courses. Developmental courses are considered pre-requisite courses. *The schedule is valid for SUMMER DAY Admission.* 

Spring Electives				
WDT 166	Flux Core Arc Welding			
WDT 125	SMAW Groove Lab			
WDT 217	SMAW Carbon Pipe			

	Summer Electives
WDT 219	Welding Inspection and Testing
WDT 221	Pipefitting and Fabrication
WDT 157	Consumable Processes
WDT 124	GMAW Lab

	Approved Industrial Maintenance AOT Electives (Need 12 Credit Hours)							
AUT 102		Lean Mfg and Industrial Safety						
AUT 104		Blueprint Reading for Manufacturing						
AUT 116	T1	Introduction to Robotics						
AUT 212	T2	Robotic Operation & Programming						
EET 100	T1	Introduction to Engineering Technology						
ETC 101	T2	DC Fundamentals						
ETC 108		Motor Controls						
ILT 194		Introduction to PLC						
INT 117		Principles of Industrial Mechanics						
INT 118		Fund. of Ind. Hydraulics/Pneumatics						
INT 124		Production Equip. Layout & Installation						
INT 126		Preventive Maintenance						
INT 127		Prin. Of Industrial Pumps & Piping Systems						
INT 134		Ind. Maintenance Welding & Cutting						

# Lawson State Community College--Course Sequence Guide (CSG) Welding Technology --- EVENING--- Fall Start

Program:

Course ID	Course Title	Credit Hours			Industry Recognized Certificate(s)	Completed
Course ID	Course Title	STC	CER	AOT	Earned	Complete
Fall Semester On	e Course Sequence	10	10	10		
WDT 108	SMAW/OFC	3	3	3		
WDT 119	GMAW Welding	3	3	3		
WDT 124	GMAW Lab	3	3	3		
ORI 101	Orientation to College	1	1	1		
Spring Semester (	One Course Sequence	6	12	12		
WDT 109	SMAW/CAC/PAC	3	3	3		
WDT 122	SMAW Fillet/OFC Lab	3	3	3		
	CIS 130 Introduction to Information Systems					
Area V	(Preferred) or CIS 146 Microcomputer		3	3		
	Applications					
Area III	MTH 116 Mathematical Applications (Preferred)		3	3		
	or MTH 100 Intermediate Algebra		40	40		
	nester Course Sequence	6	12	12		
WDT 120	SMAW Groove		3	3		
WDT 157	Consumable Processes	3	3	3		
WDT 166	Flux Core Arc Welding	3	3	3		
WDT 228	GTAW Welding		3	3		
	o Course Sequence	6	9	13		
WDT 110	Industrial Blueprint	3	3	3		
WDT 223	Blueprint for Fabrication	3	3	3		
Area IV	History, Social, or Behavioral Science			3		
Area II	SPH 106, 107, or <b>116 (Preferred)</b> (CER or AAS)		3	3		
PED	PED Class			1		
Requirements for	STC award are complete	28				
Spring Semester	Two Course Sequence		9	16		
WDT 218	Certification		3	3		
Area V	Welding Elective		3	3		
Area I	ENG 101 (AOT) or COM 100 (CER)		3	3		
	Minor Elective from Approved List			3		
	Minor Elective from Approved List			3		
PED	PED Class			1		
Requirements for	CER award are complete		52			
Summer Sem <u>este</u>	er Two Course Sequence			13		
	Minor Elective from Approved List			3		
	Minor Elective from Approved List			3		1
Area II	Humanities or Fine Arts			3		1
Area III	Natural Science - PHS 112 Preferred			4		
Poquiromont <del>e fo</del> r	AOT award are complete			76		<u> </u>

NOTE: The category Total Credits Earned does not include any developmental courses. Developmental courses are considered pre-requisite courses. The schedule is valid for FALL EVENING Admission.

Spring Electives					
WDT 166		Flux Core Arc Welding			
WDT 125		SMAW Groove Lab			
WDT 217		SMAW Carbon Pipe			

Summer Electives					
WDT 219	Welding Inspection and Testing				
WDT 221	Pipefitting and Fabrication				
WDT 157	Consumable Processes				
WDT 124	GMAW Lab				

Approved Industrial Maintenance AOT Electives (Need 12 Credit Hours)						
AUT 102		Lean Mfg and Industrial Safety				
AUT 104		Blueprint Reading for Manufacturing				
AUT 116	T1	Introduction to Robotics				
AUT 212	T2	Robotic Operation & Programming				
EET 100	T1	Introduction to Engineering Technology				
ETC 101	T2	DC Fundamentals				
ETC 108		Motor Controls				
ILT 194		Introduction to PLC				
INT 117		Principles of Industrial Mechanics				
INT 118		Fund. of Ind. Hydraulics/Pneumatics				
INT 124		Production Equip. Layout & Installation				
INT 126		Preventive Maintenance				
INT 127		Prin. Of Industrial Pumps & Piping Systems				
INT 134		Ind. Maintenance Welding & Cutting				

# Lawson State Community College--Course Sequence Guide (CSG) : Welding Technology --- EVENING--- Spring Start

Program:

Course ID	Course Title		dit Ho	urs	Industry Recognized Certificate(s)	Completed
		STC	CER	AAS	Available	
Spring Semester On	ne Course Sequence	10	13	13		
ORI 101	Orientation to College	1	1	1		
WDT 108	SMAW/OFC	3	3	3		
WDT 109	SMAW/CAC/PAC	3	3	3		
WDT 122	SMAW Fillet/OFC Lab	3	3	3		
Area III	MTH 116 Mathematical Applications (Preferred) or MTH 100 Intermediate Algebra		3	3		
Summer Semester (	One Course Sequence	6	12	12		
WDT 120	SMAW Groove		3	3		
WDT 228	GTAW Welding		3	3		
Area V	Welding Elective	3	3	3		
Area V	Welding Elective	3	3	3		
Fall Semester Cours	se Sequence	12	12	12		
WDT 110	Industrial Blueprint	3	3	3		
WDT 119	GMAW Welding	3	3	3		
WDT 223	Blueprint for Fabrication	3	3	3		
Area V	Welding Elective	3	3	3		
Requirements for S	TC award are complete	28				
	vo Course Sequence	0	9	12		
WDT 218	Certification		3	3		
Area I	ENG 101 (AOT) or COM 100 (CER)		3	3		
Area V	CIS 130 Introduction to Information Systems (Preferred CIS 146 Microcomputer Applications	) or	3	3		
AREA IV	History, Social, or Behavioral Science			3		
Summer Semester 1	Two Course Sequence		6	12		
Area V	Welding Elective		3	3		
Area II	SPH 106, 107,or <b>116 (Preferred)</b> (CER or AAS)		3	3		
	Minor Elective from Approved List			3		
	Minor Elective from Approved List			3		
Requirements for C	ER award are complete		52			
Fall Semester Cours	se Sequence	0	0	15		
	Minor Elective from Approved List			3		
	Minor Elective from Approved List			3		
AREA II	Humanities or Fine Arts			3		
Area V	One hour PE class			1		
Area V	One hour PE class			1		
Area III	Natural Science - PHS 112 Preferred			4		1
Requirements for A	AS award are complete			76		

NOTE: The category Total Credits Earned does not include any developmental courses. Developmental courses are considered pre-requisite courses. The schedule is valid for SPRING EVENING Admission.

Spring Electives				
WDT 166	Flux Core Arc Welding			
WDT 125	SMAW Groove Lab			
WDT 217	SMAW Carbon Pipe			

	Summer Electives					
WDT 219	Welding Inspection and Testing					
WDT 221	Pipefitting and Fabrication					
WDT 157	Consumable Processes					
WDT 124	GMAW Lab					

Approved Industrial Maintenance AOT Electives (Need 12 Credit Hours)						
AUT 102		Lean Mfg and Industrial Safety				
AUT 104		Blueprint Reading for Manufacturing				
AUT 116	T1	Introduction to Robotics				
AUT 212	T2	Robotic Operation & Programming				
EET 100	T1	Introduction to Engineering Technology				
ETC 101	T2	DC Fundamentals				
ETC 108		Motor Controls				
ILT 194		Introduction to PLC				
INT 117		Principles of Industrial Mechanics				
INT 118		Fund. of Ind. Hydraulics/Pneumatics				
INT 124		Production Equip. Layout & Installation				
INT 126		Preventive Maintenance				
INT 127		Prin. Of Industrial Pumps & Piping Systems				

# COLLEGE TRANSFER (GENERAL STUDIES)

# Lawson State Community College—Associate in Arts Degree (AA) Course Sequence Guide (CSG)—Liberal Arts with ART History Concentration

Degree awarded is an Associate in Science Degree. This CSG outlines a Program of Study designed for transfer to a 4-year college. Students are responsible for following their STARS Agreement for transfer purposes (which is subject to change). Below is a recommended course sequence guide only. Courses CAN BE taken out of sequence if so selected by the student and his/her advisor. Class offerings are not guaranteed. Students are encouraged to take Mini-terms to speed up course / degree completion rates. Students are also

CAN BE taken out of sequence if so selected by the student and his/her advisor. Class offerings are not guaranteed. Students are encouraged to take Mini-terms to speed up course / degree completion rates. Students are also

Developmental & Pre-Requisite Tracks for English & Math (Starting Points Vary Per Student)

### **IMPORTANT NOTE:** Understanding Your English and Math Placement at Lawson State

If you graduated high school (within the last 5 years) or you have taken the ACT, you do not have to take a Placement Test in order to be placed in your English or math track at Lawson. Placement will be determined by how you performed in English IV and Algebra II in high school or your ACT score in English and math. If neither apply to you, you must take a Placement Exam at the College and be placed based on those results. Once placed, you MUST complete all required Developmental and/or pre-requisite courses in order to register for MTH111 or MTH112 and ENG101 (if placed so accordingly). See your Advisor or visit the Advising Center if you have additional questions about English and math tracks.

Course Name	Credit Hours & Totals	Course Description and Guidance	STARS Cross- Reference ( by Area)	Track your progress.
ORI 101	1 credits	Freshman Orientation—ORI101	LSCC Requirement	
MTH 110 or MTH 112	3 credits	MTH 110 Finite Mathematics or MTH 112 Pre-Calculus Algebra- (**See "Advising Note" below)	Area III	
ENG101	3 credits	English Composition (Part I)—ENG101	Area I	
CIS146	3 credits	Microcomputer Applications—CIS146	LSCC Catalog Area V	
PED (Take 1 PE courses)	1 credit	Select one PED (Physical Education) course to take this term.	LSCC Catalog Area V	
Art 100	3 credits	Select Fine Arts course listed: Course Options  • Art Appreciation—Art 100	Area II	
PSY200	3 credits	General Psychology—PSY200	Area IV	
	Not all students will eligible	le to enroll in MTH112 or ENG101 their first semester. Placement in these classes varies per student. However, rega	rdless of placement, all s	tudents must

ADVISING NOTE
(1<sup>ST</sup> Semester)

Not all students will eligible to enroll in MTH112 or ENG101 their first semester. Placement in these classes varies per student. However, regardless of placement, all students must eventually enroll and pass MTH112 and ENG101 as part of this degree plan. Students not placing directly in MTH112 or ENG101 must complete any pre-requisite tracks (listed above) before enrolling. Check off where you placed and follow the math or English track as listed above.

**TERM 1 Total Credit Hours** 

/17

ck as

vary per

vou need

### **SECOND SEMESTER (2S) RECOMMENDED COURSE SEQUENCE**

ENG102	3 credits	English Composition (Part II)—ENG102	Area I		
SPH 106 or 107	3 credits	Public Speaking—SPH107 OR Fundamentals of Oral Communication SPH 106	Area II		
PED (Take 1 PE course)	1 credit	Select one PED (Physical Education) course to take this term.	LSCC Catalog Area V		
Area V required:	6 credits	Area V: ART 113 Drawing I and ART 203 Art History I or Art 204 Art History II	Area V		
HIS101 or HIS102 or HIS201 or HIS202 or HIS121 or HIS122	3 credits	Select one History course (3 credits.  • Western Civilization History (Part I or Part II)—HIS101 or HIS102  • United States History (Part I or Part II)—HIS201 or HIS202  • World History (Part I or Part II)—HIS121 or HIS122  (**See "Advising Note" below for more information)	Area IV		
ADVISING NOTE (2 <sup>nd</sup> Semester)	remain the same. Types	must complete a 6 credit hour sequence in either Literature or History (based on their choosing). If selecting a history cannot be mixed. For example, if you take HIS101, to complete the sequence, you must take HIS102, etc And, although of sequence. For example, you can take HIS202 before you take HIS201, etc.			
		TERM	2 Total Credit Hours	/16	
		THIRD SEMESTER RECOMMENDED COURSE SEQUENCE			
HIS101 or HIS102 or HIS201 or HIS202 or HIS121 or HIS122 OR AREA V Course	3 credits	Select a History Sequence (Recommended for Art History). If not, a Literature Sequence must be completed next semester. If you are not selecting History this term, select an Area V class here. See "Advising Note 1" below for more info.  History Course Options for Completion of Sequence:  • Western Civilization History (Part I or Part II)—HIS101 or HIS102  • United States History (Part I or Part II)—HIS201 or HIS202  • World History (Part I or Part II)—HIS121 or HIS122	Area IV Or Area V (if History Sequence is NOT selected)		
PSY210	3 credits	Human Growth and Development—PSY210	STARS Area IV		
ENG251 or ENG252 or ENG261 or ENG262 or ENG271 or ENG272	3 credits	Select one Literature course (3 credits). See "Advising Note 2" below for more information.  • American Literature (Part I or Part II) —ENG251 or ENG252  • English Literature (Part I or Part II) —ENG261 or ENG262  • World Literature (Part I or Part II)—ENG271 or ENG272	Area II		
BIO101	4 credits	Introduction to Biology (Part I)—BIO101 (see STARS for other science options)	Area III		
Area V – ART History	3 credits	REQUIRED: ART 203 ART History I or ART 204 Art History II	Area V		
ADVISING NOTE 1 (3rd Semester)	opting to complete a Lite Area V class for this 3 cre confirmation, for course	must complete a 6 credit hour sequence in either Literature or History (based on their choosing). If you are NOT comperature sequence instead (next semester), take 3 credits in your Area V area instead (this is very important). See your dit requirement (this semester). If you need further assistance, see your Advisor in selecting the best class option here requirements within degrees are subject to change.	ur STARS guide to select t e. Always check your STA	the appropriate ARS report for	
ADVISING NOTE 2	Students must pass ENG101 and ENG102 with a grade of "C" or higher before attempting to enroll in any English Literature course. Also, students must complete a 6 credit hour sequence in either Literature or History. If selecting a Literature sequence, the type of Literature must remain the same. Types cannot be mixed. For example, if you elect to study World Literature and complete Part I, you must complete World Lit. Part II (or vice versa). You cannot mix types. However, English Literature courses can be taken out of sequence. Example: You can take ENG252 before taking ENG251, etc				

(3 <sup>rd</sup> Semester)				
		TERN	/ 3 Total Credit Hours	16
		FOURTH SEMESTER RECOMMENDED COURSE SEQUENCE		
BIO102	4 credits	Take the second part of the science (Part II) and finish your sequence:  • Introduction to Biology -pt 2—BIO102.	STARS Area III	
HUM101 or SPA101 or PHL206	3-4 credits	Select a Humanities Elective from the Course Options below:  Introduction to Humanities—HUM101 (3 credits)  Introductory Spanish I—SPA101 (4 credits)  Ethics & Society—PHL206 (3 credits)	STARS Area II	
ENG251 or ENG252 or ENG261 or ENG262 or ENG271 or ENG272	3 credits	COMPLETE YOUR AREA II sequence: Literature OR History here If you DID NOT complete a History Sequence, you MUST select a Literature Sequence (from the course options below). However, if you have already completed a History Sequence, select an Area V course instead for these 3 credits. See "Advising Note 2" below for more information.  Select one English Literature Course to take:  American Literature (Part I or Part II)—ENG251 or ENG252  English Literature (Part I or Part II)—ENG261 or ENG262  World Literature (Part I or Part II)—ENG271 or ENG272	STARS Area II	
SOC200 or PSY 210	3 credits	Introduction to Sociology—SOC200 or Human Growth and Development PSY 210	Area IV	
Area V elective	3 credits	Area V elective (check transfer guide)	STARS AREA V REQUIRED COURSE	
For this degree, students must complete a 6 credit hour sequence in either Literature or History (based on their choosing). If you opted NOT to complete a sequence in History Sequence, you need to complete an Area V course for these 3 credits instead very important. See your STARS guide to select the appropriate Area V class for this 3 credit requirement (this semester). If you need further assistance, see your Advisor in the best class option here. Always check your STARS report for confirmation, for course requirements within degrees are subject to change.				
		TERN	/ 4 Total Credit Hours	/16-17
Total COMPLETED Credits for AS Degree Award:  Type of Degree Awarded: Associate of Arts Degree Program of Study: Liberal Arts Concentration ART History			/61	

Concentration\_ART History\_\_

# Lawson State Community College—Associate in Arts Degree (AA) Course Sequence Guide (CSG)—Liberal Arts with ART Studio Concentration

Degree awarded is an Associate in Science Degree. This CSG outlines a Program of Study designed for transfer to a 4-year college. Students are responsible for following their STARS Agreement for transfer purposes (which is subject to change). Below is a recommended course sequence guide only. Courses N BE taken out of sequence if so selected by the student and his/her advisor. Class offerings are not guaranteed. Students are encouraged to take Mini-terms to speed un course / degree commended.

CAN BE taken out of sequence if so selected by the student and his/her advisor. Class offerings are not guaranteed. Students are encouraged to take Mini-terms to speed up course / degree completion rates. Students are also encouraged to take at least 15 credits hours per semester.

Developmental & Pre-Requisite Tracks for English & Math (Starting Points Vary Per Student)

English TRACKS: (varies per student)
ENRO98
College Level:
ENG101 with ENG099 (lab)
ENG101

Check off each Dev. Track as completed. Starting points vary per student. See your Advisor if you need help.

### **IMPORTANT NOTE:** Understanding Your English and Math Placement at Lawson State

If you graduated high school (within the last 5 years) or you have taken the ACT, you do not have to take a Placement Test in order to be placed in your English or math track at Lawson. Placement will be determined by how you performed in English IV and Algebra II in high school or your ACT score in English and math. If neither apply to you, you must take a Placement Exam at the College and be placed based on those results. Once placed, you MUST complete all required Developmental and/or pre-requisite courses in order to register for MTH111 or MTH112 and ENG101 (if placed so accordingly). See your Advisor or visit the Advising Center if you have additional questions about English and math tracks.

Course Name	Credit Hours & Totals	Course Description and Guidance	STARS Cross- Reference ( by Area)	Track your progress.
		FIRST SEMESTER RECOMMENDED COURSE SEQUENCE		
ORI 101	1 credits	Freshman Orientation—ORI101	LSCC Requirement	
MTH 110 or MTH 112	3 credits	MTH 110 Finite Mathematics or MTH 112 Pre-Calculus Algebra- (**See "Advising Note" below)	Area III	
ENG101	3 credits	English Composition (Part I)—ENG101	Area I	
CIS146	3 credits	Microcomputer Applications—CIS146	LSCC Catalog Area V	
PED (Take 1 PE courses)	1 credit	Select one PED (Physical Education) course to take this term.	LSCC Catalog Area V	
Art 100	3 credits	Select Fine Arts course listed: Course Options  • Art Appreciation—Art 100	Area II	
PSY200	3 credits	General Psychology—PSY200	Area IV	
Not all students will eligible to enroll in MTH112 or ENG101 their first semester. Placement in these classes varies per student. However, regardless of placement, all students must				

ADVISING NOTE
(1<sup>ST</sup> Semester)

Not all students will eligible to enroll in MTH112 or ENG101 their first semester. Placement in these classes varies per student. However, regardless of placement, all students must eventually enroll and pass MTH112 and ENG101 as part of this degree plan. Students not placing directly in MTH112 or ENG101 must complete any pre-requisite tracks (listed above) before enrolling. Check off where you placed and follow the math or English track as listed above.

**TERM 1 Total Credit Hours** 

/17

### **SECOND SEMESTER (2S) RECOMMENDED COURSE SEQUENCE**

ENG102	3 credits	English Composition (Part II)—ENG102	Area I	
SPH 106 or 107	3 credits	Public Speaking—SPH107 OR Fundamentals of Oral Communication SPH 106	Area II	
PED (Take 1 PE course)	1 credit	Select one PED (Physical Education) course to take this term.	LSCC Catalog Area V	
Area V required: ART 113 Drawing I	3 credits	REQUIRED Pre-Requisite for all ART Area V course: ART 113 Drawing I	Area V	
Area V – ART required	3 credits	REQUIRED: ART 121 2D Composition	Area V	
HIS101 or HIS102 or HIS201 or HIS202 or HIS121 or HIS122	3 credits	Select one History course (3 credits.  • Western Civilization History (Part I or Part II)—HIS101 or HIS102  • United States History (Part I or Part II)—HIS201 or HIS202  • World History (Part I or Part II)—HIS121 or HIS122  (**See "Advising Note" below for more information)	Area IV	
	For this degree, students i	must complete a 6 credit hour sequence in either Literature or History (based on their choosing). If selecting a history	ry sequence, the type of hi	istory must

ADVISING NOTE (2<sup>nd</sup> Semester)

For this degree, students must complete a 6 credit hour sequence in either Literature or History (based on their choosing). If selecting a history sequence, the type of history must remain the same. Types cannot be mixed. For example, if you take HIS101, to complete the sequence, you must take HIS102, etc... And, although you cannot mix course types, history courses can be taken out of sequence. For example, you can take HIS202 before you take HIS201, etc.

TERM 2 Total Credit Hours			/16	
THIRD SEMESTER RECOMMENDED COURSE SEQUENCE				
HIS101 or HIS102 or HIS201 or HIS202 or HIS121 or HIS122 OR AREA V Course	3 credits	Select a History Sequence (if you so choose). If not, a Literature Sequence must be completed next semester. If you are not selecting History this term, select an Area V class here. See "Advising Note 1" below for more info. History Course Options for Completion of Sequence:  • Western Civilization History (Part I or Part II)—HIS101 or HIS102  • United States History (Part I or Part II)—HIS201 or HIS202  • World History (Part I or Part II)—HIS121 or HIS122  AREA V: ART 203 Art History or ART 204 Art History II	Area IV Or Area V (if History Sequence is NOT selected)	
PSY210	3 credits	Human Growth and Development—PSY210	STARS Area IV	
ENG251 or ENG252 or ENG261 or ENG262 or ENG271 or ENG272	3 credits	Select one Literature course (3 credits). See "Advising Note 2" below for more information.  • American Literature (Part I or Part II) —ENG251 or ENG252  • English Literature (Part I or Part II) —ENG261 or ENG262  • World Literature (Part I or Part II)—ENG271 or ENG272	Area II	
BIO101	4 credits	<ul> <li>Introduction to Biology (Part I)—BIO101 (see STARS for other science options)</li> </ul>	Area III	
Area V – ART Drawing II and 3D Composition	6 credits	<ul> <li>REQUIRED:</li> <li>ART 114 Drawing II</li> <li>ART 127 3D Composition</li> </ul>	Area V	
For this degree, students must complete a 6 credit hour sequence in either Literature or History (based on their choosing). If you are NOT completing a sequence in History (based on their choosing). So your STARS guide to select the				

ADVISING NOTE 1 (3<sup>rd</sup> Semester) opting to complete a Literature sequence in sequence in either Literature or History (based on their choosing). If you are NOT completing a sequence in History and are opting to complete a Literature sequence instead (next semester), take 3 credits in your Area V area instead (this is very important). See your STARS guide to select the appropriate Area V class for this 3 credit requirement (this semester). If you need further assistance, see your Advisor in selecting the best class option here. Always check your STARS report for confirmation, for course requirements within degrees are subject to change.



Students must pass ENG101 and ENG102 with a grade of "C" or higher before attempting to enroll in any English Literature course. Also, students must complete a 6 credit hour sequence in either Literature or History. If selecting a Literature sequence, the type of Literature must remain the same. Types cannot be mixed. For example, if you elect to study World Literature and complete Part I, you must complete World Lit. Part II (or vice versa). You cannot mix types. However, English Literature courses can be taken out of sequence. Example: You can take ENG252 before taking ENG251, etc...

		TERN	// 3 Total Credit Hours	16-19
		FOURTH SEMESTER RECOMMENDED COURSE SEQUENCE		
BIO102	4 credits	Take the second part of the science (Part II) and finish your sequence:  Introduction to Biology -pt 2—BIO102.  See Transfer guide but complete your sequence: PHY, CHEM, or PYS	STARS Area III	
HUM101 or SPA101 or PHL206	3-4 credits	Select a Humanities Elective from the Course Options below:  Introduction to Humanities—HUM101 (3 credits)  Introductory Spanish I—SPA101 (4 credits)  Ethics & Society—PHL206 (3 credits)	STARS Area II	
ENG251 or ENG252 or ENG261 or ENG262 or ENG271 or ENG272	3 credits	COMPLETE YOUR AREA II sequence: Literature OR History here If you DID NOT complete a History Sequence, you MUST select a Literature Sequence (from the course options below). However, if you have already completed a History Sequence, select an Area V course instead for these 3 credits. See "Advising Note 2" below for more information.  Select one English Literature Course to take:  • American Literature (Part I or Part II)—ENG251 or ENG252  • English Literature (Part I or Part II)—ENG261 or ENG262  • World Literature (Part I or Part II)—ENG271 or ENG272	STARS Area II	
SOC200 or PSY 210	3 credits	Introduction to Sociology—SOC200 or Human Growth and Development PSY 210	Area IV	
ART History I or II	3 credits	ART 203 Art History I or ART 204 Art History II	STARS AREA V REQUIRED COURSE	
		ts must complete a 6 credit hour sequence in either Literature or History (based on their choosing). If you opted NOT to complete an Area V complete and Area V comple		

**ADVISING NOTE 2** (4th Semester)

MUST complete a Literature sequence. However, if you have already completed your History sequence, you need to complete an Area V course for these 3 credits instead. This is very important. See your STARS guide to select the appropriate Area V class for this 3 credit requirement (this semester). If you need further assistance, see your Advisor in selecting the best class option here. Always check your STARS report for confirmation, for course requirements within degrees are subject to change.

Total COMPLETED Credits for AS Degree	
Award:	

/14-17 Type of Degree Awarded: Associate of Arts Degree Program of Study: Liberal Arts /62-63 Concentration ART Studio

**TERM 4 Total Credit Hours** 

### Lawson State Community College—Associate in Arts Degree (AA) Course Sequence Guide (CSG)—Liberal Arts with Arts Education Concentration

Degree awarded is an Associate in Science Degree. This CSG outlines a Program of Study designed for transfer to a 4-year college. Students are responsible for following their STARS Agreement for transfer purposes (which is subject to change). Below is a recommended course sequence guide only. Courses CAN BE taken out of sequence if so selected by the student and his/her advisor. Class offerings are not guaranteed. Students are encouraged to take Mini-terms to speed up course / degree completion rates. Students are also

encouraged to take at least 15 credits hours per semester.

Developmental &	Pre-
<b>Requisite Tracks for Eng</b>	lish & Math
(Starting Points Vary Pe	r Student)

Math TRACKS: (varies per student) MTH098  MTH100 with MTH099 (lab)  MTH100  College Level: MTH110 or MTH112	English TRACKS: (varies per student)  ENR098
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### **IMPORTANT NOTE:** Understanding Your English and Math Placement at Lawson State

If you graduated high school (within the last 5 years) or you have taken the ACT, you do not have to take a Placement Test in order to be placed in your English or math track at Lawson. Placement will be determined by how you performed in English IV and Algebra II in high school or your ACT score in English and math. If neither apply to you, you must take a Placement Exam at the College and be placed based on those results. Once placed, you MUST complete all required Developmental and/or pre-requisite courses in order to register for MTH111 or MTH112 and ENG101 (if placed so accordingly). See your Advisor or visit the Advising Center if you have additional questions about English and math tracks.

Course Name	Credit Hours & Totals	Course Description and Guidance	STARS Cross- Reference ( by Area)	Track your progress.
		FIRST SEMESTER RECOMMENDED COURSE SEQUENCE		
ORI 101	1 credits	Freshman Orientation—ORI101	LSCC Requirement	
MTH 110 or MTH 112	3 credits	MTH 110 Finite Mathematics or MTH 112 Pre-Calculus Algebra- (**See "Advising Note" below)	Area III	
ENG101	3 credits	English Composition (Part I)—ENG101	Area I	
CIS146	3 credits	Microcomputer Applications—CIS146	LSCC Catalog Area V	
PED (Take 1 PE courses)	1 credit	Select one PED (Physical Education) course to take this term.	LSCC Catalog Area V	
Art 100	3 credits	Select Fine Arts course listed: Course Options  • Art Appreciation—Art 100	Area II	
PSY200	3 credits	General Psychology—PSY200	Area IV	
	Not all students will eligible to enroll in MTH112 or ENG101 their first semester. Placement in these classes varies per student. However, regardless of placement, all students must			

(1ST Semester)

eventually enroll and pass MTH112 and ENG101 as part of this degree plan. Students not placing directly in MTH112 or ENG101 must complete any pre-requisite tracks (listed above) before enrolling. Check off where you placed and follow the math or English track as listed above.

**TERM 1 Total Credit Hours** 

/17

### SECOND SEMESTER (2S) RECOMMENDED COURSE SEQUENCE

Check off each Dev. Track as completed. Starting points vary per student. See your Advisor if you need help.

	<u> </u>	T		T
ENG102	3 credits	English Composition (Part II)—ENG102	Area I	
SPH 106 or 107	3 credits	Public Speaking—SPH107 OR Fundamentals of Oral Communication SPH 106	Area II	
PED (Take 1 PE course)	1 credit	Select one PED (Physical Education) course to take this term.	LSCC Catalog Area V	
Area V required:	6 credits	Area V: ART 113 Drawing I (pre-requisite course) and ART 121- 2D Composition	Area V	
HIS101 or HIS102 or HIS201 or HIS202 or HIS121 or HIS122	3 credits	Select one History course (3 credits.  Western Civilization History (Part I or Part II)—HIS101 or HIS102  United States History (Part I or Part II)—HIS201 or HIS202  World History (Part I or Part II)—HIS121 or HIS122  (**See "Advising Note" below for more information)	Area IV	
ADVISING NOTE (2 <sup>nd</sup> Semester)	remain the same. Types of	must complete a 6 credit hour sequence in either Literature or History (based on their choosing). If selecting a histo cannot be mixed. For example, if you take HIS101, to complete the sequence, you must take HIS102, etc And, alth of sequence. For example, you can take HIS202 before you take HIS201, etc.		
		TER	M 2 Total Credit Hours	/16
		THIRD SEMESTER RECOMMENDED COURSE SEQUENCE		
HIS101 or HIS102 or HIS201 or HIS202 or HIS121 or HIS122 OR AREA V Course	3 credits	Select a History Sequence. If not, a Literature Sequence must be completed next semester. If you are not selecting History this term, select an Area V class here. See "Advising Note 1" below for more info.  History Course Options for Completion of Sequence:  Western Civilization History (Part I or Part II)—HIS101 or HIS102  United States History (Part I or Part II)—HIS201 or HIS202  World History (Part I or Part II)—HIS121 or HIS122  ART 203 ART History I	Area IV Or Area V (if History Sequence is NOT selected)	
PSY210	3 credits	Human Growth and Development—PSY210	STARS Area IV	
ENG251 or ENG252 or ENG261 or ENG262 or ENG271 or ENG272	3 credits	Select one Literature course (3 credits). See "Advising Note 2" below for more information.  • American Literature (Part I or Part II) —ENG251 or ENG252  • English Literature (Part I or Part II) —ENG261 or ENG262  • World Literature (Part I or Part II)—ENG271 or ENG272	Area II	
BIO101	4 credits	Introduction to Biology (Part I)—BIO101 (see STARS for other science options)	Area III	
Area V – ART	6 credits	REQUIRED: ART 114 Drawing II and ART 122 3D Composition	Area V	
ADVISING NOTE 1 (3rd Semester)	For this degree, students must complete a 6 credit hour sequence in either Literature or History (based on their choosing). If you are NOT completing a sequence in History and are opting to complete a Literature sequence instead (next semester), take 3 credits in your Area V area instead (this is very important). See your STARS guide to select the appropriate Area V class for this 3 credit requirement (this semester). If you need further assistance, see your Advisor in selecting the best class option here. Always check your STARS report for confirmation, for course requirements within degrees are subject to change.			
ADVISING NOTE 2	Students must pass ENG101 and ENG102 with a grade of "C" or higher before attempting to enroll in any English Literature course. Also, students must complete a 6 credit hour sequence in either Literature or History. If selecting a Literature sequence, the type of Literature must remain the same. Types cannot be mixed. For example, if you elect to study			

(3 <sup>rd</sup> Semester)	World Literature and complete Part I, you must complete World Lit. Part II (or vice versa). You cannot mix types. However, English Literature courses can be taken out of sequence. Example: You can take ENG252 before taking ENG251, etc							
		TERN	1 3 Total Credit Hours	16				
FOURTH SEMESTER RECOMMENDED COURSE SEQUENCE								
BIO102	4 credits	Take the second part of the science (Part II) and finish your sequence:  • Introduction to Biology -pt 2—BIO102.	STARS Area III					
HUM101 or SPA101 or PHL206	3-4 credits	Select a Humanities Elective from the Course Options below:  Introduction to Humanities—HUM101 (3 credits)  Introductory Spanish I—SPA101 (4 credits)  Ethics & Society—PHL206 (3 credits)	STARS Area II					
ENG251 or ENG252 or ENG261 or ENG262 or ENG271 or ENG272	3 credits	COMPLETE YOUR AREA II sequence: Literature OR History here If you DID NOT complete a History Sequence, you MUST select a Literature Sequence (from the course options below). However, if you have already completed a History Sequence, select an Area V course instead for these 3 credits. See "Advising Note 2" below for more information.  Select one English Literature Course to take:  American Literature (Part I or Part II)—ENG251 or ENG252 English Literature (Part I or Part II)—ENG261 or ENG262 World Literature (Part I or Part II)—ENG271 or ENG272	STARS Area II					
SOC200 or PSY 210	3 credits	Introduction to Sociology—SOC200 or Human Growth and Development PSY 210	Area IV					
Area V elective	3 credits	Art 204 - Art History II	STARS AREA V REQUIRED COURSE					
For this degree, students must complete a 6 credit hour sequence in either Literature or History (based on their choosing). If you opted NOT to complete a sequence in History, you MUST complete a Literature sequence. However, if you have already completed your History sequence, you need to complete an Area V course for these 3 credits instead. This very important. See your STARS guide to select the appropriate Area V class for this 3 credit requirement (this semester). If you need further assistance, see your Advisor in selectin the best class option here. Always check your STARS report for confirmation, for course requirements within degrees are subject to change.								
TERM 4 Total Credit Hours								
Total COMPLETED Credits for AS Degree Award:		Type of Degree Awarded: Associate of Arts Degree Program of Study: Liberal Arts Concentration Arts Education		/64				

Concentration\_Arts Education

### Lawson State Community College—Associate in Applied Science Degree (AAS) Course Sequence Guide (CSG)--AAS—Child Development

Degree awarded is an Associate in Applied Science Degree. This CSG outlines a Child Development degree.

Courses can be taken out of sequence if so, selected by the student and his/her advisor. Class offerings are not guaranteed.

Students are encouraged to take Mini-term courses to speed up their graduation / completion date. Below is a recommended course sequence.

\*\*Students must meet the eligibility requirements before enrolling in MTH100 or ENG 101 (i.e., appropriate ACT or Entrance Exam score). If not, students should enroll in the appropriate support lab course (MTH 100 + MTH 099 or ENG 101 + ENG 099).

Course Name	Credit Hours & Totals	Course Description and Guidance	Track your progress. Check off each course as completed.
FIRST SEMESTER RECOM	MENDED COURSE S	EQUENCE	
ORI 101	1	Freshman Orientation	
CHD 100	3	Introduction to Early Care and Education	
MTH100	3	Intermediate Algebra (Not required if you test higher than MTH100)	
ENG101	3	English Composition (Part I)	
HUM101 or ART or MUS101 or THR101	3	Select one introductory Fine Arts and/or Humanities course listed: Humanities, Art, Music or Theater	
CREDIT TOTAL (Term 1)	13		/13
SECOND SEMESTER RECO	DMMENDED COURS	E SEQUENCE	
CIS146	3	Microcomputer Applications	
SPH107	3	Public Speaking	
CHD201	3	Child Growth and Developmental Principles	
PED (Take 2 Physical Education courses)	1 per class 2 total	Select two PED courses to take this term. Take one during Mini-term 1 and the other during Mini-term 2.	
SOC 200	3	Introduction to Sociology	
CREDIT TOTAL (Term 2)	14		/14
THIRD SEMESTER RECOM	MENDED COURSE	SEQUENCE	
PSY200	3	General Psychology	
SPA101	4	Introduction to Spanish	
CHD 204	3	Methods and Materials for Teaching Young Children	
CHD 206	3	Children's Health and Safety	
CREDIT TOTAL (Term 3)	13		/13
FOURTH SEMESTER RECO	DMMENDED COURS		
PSY210	3	Human Growth and Development	
SOC247	3	Marriage and Family	
BIO101	4	General Biology 1	
CHD209	3	Infant and Toddler Education Programs	
CHD210	3	Educating Exceptional Children	
CREDIT TOTAL (Term 4)	16		/16
FIFTH SEMESTER RECOM	MENDED COURSES	SEQUENCE	
CHD 215	3	Supervised Practical Experiences (approval required)	

PSY 210	3	Human Growth and Development	
SOC 247	3	Marriage and the Family	
CHD Electives	3	CHD 202 – Children's Creative Experiences CHD 203 – Children's Literature and Language Development CHD 205 – Program Planning for Education of Young Children CHD 208 – Administration Programs for Young Children	
CREDIT TOTAL (Term 4)	12		/12
Total COMPLETED Credits for AA Degree Award:	65-68	Type of Degree Awarded: Associate Degree in Applied Science Program of Study: Child Development	/65-68

<sup>\*</sup>Developmental Tracks: If a student scores into any developmental track (below Level 100 courses) he or she is required to take the course or courses to remediate. Developmental tracks are defined below and should ALWAYS be taken during the first and second semester of the start of this degree program. Course placement is determined by test scores and varies per student. Not all students are required to start at the remediation level. It depends on your test scores.

ENR 098 to ENG101 (college level)

MTH098 to MTH100 to MTH110 or MTH112 (college level)

# Lawson State Community College—Associate in Applied Science Degree (AAS) Course Sequence Guide (CSG)--AAS—Criminal Justice

Degree awarded is an Associate in Applied Science Degree. This CSG outlines a Criminal Justice degree.

Courses can be taken out of sequence if so, selected by the student and his/her advisor. Class offerings are not guaranteed. Students are encouraged to take Mini-term courses to speed up their graduation / completion date. Below is a recommended course sequence.

\*\*Students must meet the eligibility requirements before enrolling in MTH100 or ENG 101 (i.e., appropriate ACT or Entrance Exam score). If not, students should enroll in the appropriate support lab course (MTH 100 + MTH 099 or ENG 101 + ENG 099).

Course Name	Credit Hours & Totals	Course Description and Guidance	Track your progress. Check off each course as completed.
FIRST SEMESTER RECOMM	IENDED COURSE	SEQUENCE	
ORI 101	1	Freshman Orientation	
CRJ 100	3	Introduction to Criminal Justice	
MTH100	3	Intermediate Algebra (Not required if you test higher than MTH100)	
ENG101	3	English Composition (Part I)	
CIS146	3	Microcomputer Applications	
HUM101 or SPA101 or ART100 or MUS101 or THR101	3	Select one introductory Fine Arts and/or Humanities course listed: Humanities, Spanish, Art, Music or Theater	
CREDIT TOTAL (Term 1)	16		/16
SECOND SEMESTER RECO	MMENDED COURS	SE SEQUENCE	
ENG102	3	English Composition (Part II)	
SPH107	3	Public Speaking	
MTH110 or MTH112	3	Select your math course according to your STARS Guide. Transfer requirements may differ (per college), see STARS Guide.	
PED (Take 2 Physical	1 per class	Select two PED courses to take this term. Take one during Mini-term 1	
Education courses)	2 total	and the other during Mini-term 2.	
SOC 200	3	Introduction to Sociology	
CREDIT TOTAL (Term 2)	14		/14
THIRD SEMESTER RECOMM			
BIO101	4	General Biology (Part I)	
PSY200	3	General Psychology	
CRJ 150	3	Introduction to Corrections	
CRJ 220	3	Criminal Investigations	
SOC 210	3	Social Problems	
CREDIT TOTAL (Term 3)	16		/16
FOURTH SEMESTER RECO	MMENDED COURS	SE SEQUENCE	
CRJ 209	3	Juvenile Delinquency	
CRJ 208	3	Introduction to Criminology	
CRJ 116	3	Police Patrol	
CRJ 238	3	Crime Scene Investigation	
	3	Social Psychology	

CREDIT TOTAL (Term 4)	15		/15
FIFTH SEMESTER RECOMM	ENDED COURSE S	EQUENCE	
CRJ 130	3	Introduction to Law and Judicial Process	
CRJ 216	3	Police Organization and Administration	
PSY 210	3	Human Growth and Development	
SOC 247	3	Marriage and the Family	
OPTIONAL—Students can elect to take another 3 credit course in their major for a 76 credit. NOT required to graduate	3	CRJ 177- Criminal and Deviant Behavior CRJ 212- Correctional Counseling Techniques CRJ 280- Internship in Criminal Justice (approval required) HED 231- First Aid	
CREDIT TOTAL (Term 4)	12-15		/12-15
Total COMPLETED Credits for AA Degree Award:	73-76	Type of Degree Awarded: Associate Degree in Applied Science Program of Study: INSERT PROGRAM NAME HERE	/73-76

<sup>\*</sup>Developmental Tracks: If a student scores into any developmental track (below Level 100 courses) he or she is required to take the course or courses to remediate. Developmental tracks are defined below and should ALWAYS be taken during the first and second semester of the start of this degree program. Course placement is determined by test scores and varies per student. Not all students are required to start at the remediation level. It depends on your test scores.

ENR 098 to ENG101 (college level)

MTH098 to MTH100 to MTH110 or MTH112 (college level)

# Lawson State Community College—Associate in Science Degree (AS) Course Sequence Guide (CSG)--General Studies – Criminal Justice Degree awarded is an Associate in Science Degree in General Studies. This CSG outlines an Criminal Justice transfer track aligned to follow the

Degree awarded is an Associate in Science Degree in General Studies. This CSG outlines an Criminal Justice transfer track aligned to follow the STARS Agreement for transfer purposes only (subject to change). Courses can be taken out of sequence if so selected by the student and his/her advisor. Class offerings are not guaranteed. Below is a recommended course sequence. Take Mini-terms to speed up course / degree completion rates.

Course Name	Credit Hours & Totals	Course Description and Guidance	STARS Cross- Reference Guide (by Area)	Track your progress.
	FIRST SEN	MESTER RECOMMENDED COURSE SEQUENCE		
ORI 101	1 credit	Freshman Orientation—ORI101	LSCC Requirement Catalog	
MTH100 (pre-req)	3 Pre- req.	Intermediate Algebra—MTH100 (pre-req. for MTH110 and MTH112)  **Students must meet the eligibility requirements before enrolling in MTH100 (i.e., appropriate ACT or Entrance Exam score). If not, students should enroll in the appropriate support lab course (MTH099).  Note: Students can also test out of MTH100 if their test scores warrant. Placement varies per student. Have questions, see your advisor.	STARS Area III	
ENG101	3 credits	English Composition (Part I)—ENG101  NOTE: Students must meet the eligibility requirements before enrolling in ENG101 (i.e., appropriate ACT or Entrance Exam score). If not, the student should enroll in the appropriate support lab course (ENG099).  Note: There is no opt out feature available for ENG101. Have questions, see your advisor.	STARS Area I	
CIS146	3 credits	Microcomputer Applications—CIS146	LSCC Catalog Area V	
ART100 or MUS101 or THR120	3 credits	Select one introductory Fine Arts course listed: Art Appreciation—ART100 Music Appreciation—MUS101 Introduction to Theater—THR120	STARS Area II	
CREDIT TOTA	AL 13 (Teri	m 1). *The Term 1 credit total does not count MTH100 (for it is pre-req. course)		/*13
	SECOND S	SEMESTER RECOMMENDED COURSE SEQUENCE		
ENG102	3 credits	English Composition (Part II)—ENG102	STARS Area I	
SPH107	3 credits	Public Speaking—SPH107	STARS Area II	
MTH110 or MTH112	3 credits	Select the correct math course according to your STARS Guide (from below).  Finite Mathematics—MTH110 or Pre-Calculus Algebra—MTH112  NOTE: MTH110 and MTH112 has a pre-requisite requirement of MTH100 (with a grade of "C" or higher) or an appropriate ACT score or placement test score. Again, review your STARS guide to select the correct course.	STARS Area III	
PSY200	3 credits	General Psychology—PSY200	STARS Area IV	
HIS101 or HIS201 or HIS121		Take your first history course (Part I). Then in an upcoming semester (4 <sup>th</sup> semester), select your 2nd history course and complete the series (i.e., <b>HIS101</b> & HIS102 or <b>HIS201</b> & HIS202 or <b>HIS121</b> & HIS122). Or, opt to take Mini-terms to complete the series faster in one semester, if available).	STARS Area IV	

6 1 15 1	_	NOTE III.		1
Select Part 1 of the history series	3 credits	NOTE: History courses MUST be taken as a series (completed couple) and cannot be mixed. In other words, you cannot take HIS101 and then HIS202. You MUST complete the correct and sequential history pairing (HIS101 & HIS102, etc).		
		Select ONE history course from the listing below.  Western Civilization History (Part I)—HIS101 or  United States History (Part I)—HIS201 or  World History (Part I)—HIS121		
CREDIT TOTA	L 15 (Tern			/15
		MESTER RECOMMENDED COURSE SEQUENCE		
HIS102 or HIS202 or HIS122 Select Part 2 of the	3 credits	Take the second part of history (Part II) and finish your sequence (i.e., HIS101 & HIS102, HIS201 & HIS202 or HIS121 & HIS122). DO NOT MIX HISTORY TYPES.  Complete the series. Select ONE Part II history course from the listing below to complete your sequence.  Western Civilization History (Part II)—HIS102 or	STARS Area IV	
history series		United States History (Part II)—HIS202 or World History (Part II)—HIS122		
PED (Take 2 PE courses)	1 credit per course (2)	Select two PED (Physical Education) courses to take this term. Recommendation: Take one during Mini-term 1 and the other during Mini-term 2, if possible.	LSCC Catalog Area V	
BIO101 or CHM104 or PHS111 Select Part 1 of the science series	4 credits	Take your first science course (Part I). Then, next semester, select your 2nd science course and complete the series (i.e., BIO101 & BIO102 or CHM104 & CHM105 or PHS111 & PHS112). Or, opt to take Mini-terms to complete the series faster in one semester, if available).  NOTE: Science courses MUST be taken as a series (completed couple) and cannot be mixed. In other words, you cannot take BIO101 and then CHM105. You MUST complete the correct and sequential science pairing (BIO101 & BIO102, etc).  Select ONE Part I science course from the listing below.  General Biology (Part I)—BIO101 or Introduction to Inorganic Chemistry (Part I)—CHM104 or Physical Science (Part I)—PHS111	STARS Area III	
ENG251 or ENG261 or ENG271 Select Part 1 of the Lit. series	3 credits	Take your first literature course (Part I). Then next semester, select your 2nd literature course and complete the series (i.e., ENG251 & ENG252 or ENG261 & ENG262 or ENG271 & ENG272). Or, opt to take Mini-terms to complete the series faster in one semester, if available).  NOTE: Literature courses MUST be taken as a series and cannot be mixed. In other words, you cannot take ENG251 (World Lit) and then ENG271 (English Lit). You MUST complete the correct and sequential literature pairing (ENG261 & ENG262, etc). Also, students cannot enroll in any literature class unless they have passed ENG101 and ENG102 with a grade of "C" or higher.  Select ONE Part I literature course from the listing below.  American Literature (Part I)-ENG251 English Literature (Part I)-ENG261	STARS Area II	
		World Literature (Part I)—ENG271		
CRJ 100	3 credits	Introduction to Criminal Justice Note: Run a STARS Guide to select your next Area V course. Select your correct transfer college.	STARS Area V	
CRJ 150 or CRJ 110	3 credits	Introduction to Corrections or Introduction to Law Enforcement Note: Run a STARS Guide to select your next Area V course. Select your correct transfer college.	STARS Area V	

				/18
	FOURTH S	SEMESTER RECOMMENDED COURSE SEQUENCE		
ENG252 or ENG262 or ENG272	3	SELECT from one course from the course options listed (on your left). Science, Social Science and Criminal Justice related majors are encouraged to enroll in PHL206 (Ethics in Society).		
Or	credits	Complete your Lit. series. Take the second part of literature (Part II) and finish your sequence (i.e.,ENG251 & ENG252 or ENG261& ENG262 or ENG271 & ENG272). DO NOT MIX LITERATURE TYPES. Complete the series.	STARS Area II	
HUM101 or SPA101 or PHL206	3 credits each	American Literature (Part II)-ENG252 or English Literature (Part II)-ENG262 or World Literature (Part II)—ENG272  Introduction to Humanities—HUM101 Introduction to Spanish I—SPA101 Ethics & Society—PHL206		
BIO102 or CHM105 or PHS112 Select Part 1 of the science series	3 credits	Take the second part of the science (Part II) and finish your sequence (i.e., BIO101 & BIO102, CHM104 & CHM105 or PHS111 & PHS112). DO NOT MIX SCIENCE TYPES.  Complete the series.  Select ONE Part II science course from the listing below to complete your series.  General Biology (Part II)—BIO102 or Introduction to Organic Chemistry (Part II)—CHM105 or Physical Science (Part II)—PHS112	STARS Area III	
PSY210 or SOC200	3 credits	Human Growth and Development—PSY210 or Introduction to Sociology—SOC200	STARS Area IV	
CRJ	3 credits	Run a STARS Guide to select your next Area V course. Select your correct transfer college.	STARS Area V	
CRJ	3 credits	Run a STARS Guide to select your next Area V course. Select your correct transfer college.	STARS Area V	
CREDIT TOTA	AL 16 (Term	14)		/16
Total COMPLETED Credits for AS Degree Award:	62	Type of Degree Awarded: Associate of Science Degree Program of Study: General Studies Transfer Track: Criminal Justice (as recognized by STARS)		/62

Every transferring college, may have unique requirements listed under Area V. Thus, follow your STARS Guide before you attempt to follow any degree plan listed. See the back of catalog for step-by-step instructions for completing a STARS Guide.

# Lawson State Community College—Associate in Science Degree (AS) Course Sequencing Guide (CSG)--General Studies / Student Self-Advising Tool Degree awarded is an Associate in Science Degree. This CSG outlines a Program of Study designed for transfer to a 4-year college. Below is a recommended

Degree awarded is an Associate in Science Degree. This CSG outlines a Program of Study designed for transfer to a 4-year college. Below is a recommended course sequence guide only. Always check Degree Works first to measure your progress towards degree completion. This guide is NOT intended to replace Degree Works or the STARS Guide and students should ALWAYS reference both when viewing this document; all need to be used together. Courses CAN BE taken out of sequence if so selected by the student and his/her advisor. Class offerings are not guaranteed. Students are also encouraged to take at least 15 credits hours per semester in order to complete their degree on time. \*See Developmental Tracking Guide on last page.

FIRST SEMESTER RECOMMENDED COURSE SEQUENCE					
Course Name/Type	Credit Hours	Course Description and Guidance		STARS Cross- Reference (by Area)	Track your progress
ORI 101	1 credit	ORI101Freshman Orientation		LSCC Req'd (Catalog)	
ENG101	3 credits	ENG101—English Composition (Part I)		Area I	
ART100 or MUS101 or THR120	3 credits	<ul> <li>Select one introductory Fine Arts course from</li> <li>ART100Art Appreciation or</li> <li>MUS101—Music Appreciation</li> <li>THR120—Theatre Appreciation</li> </ul>	the listing below:	STARS Area II	
Req'd Math Course STARS Alert!	3 credits	STARS Alert!: Check the STARS Report to det degree. Never guess. DO NOT RANDOMLY SE Select one math course from the listing below.  Math Course Options—SELECT ONE ONLY  MTH112—Pre-Calculus Algebra MTH113—Pre-Calculus Trigonometry MTH115—Pre-Calculus Alg. and Trig. MTH125—Calculus I  MTH126—Calculus II  MTH227—Calculus III  MTH237—Linear Algebra  MTH238—Applied Differential Equations  **Caution: MTH110—Finite Mathematics  NOTE: Most AS Majors are not permitted to	Pre-requisite or Math Placement Qualifier Needed to Enroll MTH100 MTH112 MTH100 MTH113 or MTH115 MTH125 MTH126 MTH126 MTH127 MTH098	STARS Area III	
Req'd Science Sequence (Complete Part I of a two-part series) STARS Alert!	4 credits	Complete Part I of your required Science Seq 8-credit sequence of science. The sequence of STARS Report to determine the correct SCIENG guess or assume. YOU MUST CHECK STARS!  Part I Science Course Options(SEE STARS REP  BIO101—Introduction to Biology I (pairs of Biology I) (pairs of Biology I) (pairs of Biology I) (pairs of CHM104 Introduction to Chemistry I) (pairs of CHM111 College Chemistry I) (pairs of PHS111—Physical Science I) (pairs with PHY201 General Physics I) (pairs with PHY213 General Physics with Calculation of III (pairs with PHY213 General Physics with Calculation of III (pairs with Sequence and need the second course to come	must be paired (match). Check the CE sequence for this degree. Never DO NOT RANDOMLY SELECT!  ORT BEFORE YOU SELECT):  airs with BIO102) or  with BIO104) or  I (pairs with CHM105) or  with CHM112) or  th PHS112) or  PHY202) or  lus I (pairs with PHY214)  er student and have already started this	STARS Area III	
ADVISING NOTE	specific majo the degree gu	science (AS) majors must complete a 6-credit her r enables you to select any type of science (un- uide. If your major permits you to select differe albe sure to read STARS closely and follow it, f	our science sequence. Check your STARS paired) or are you required to pair the secent types of science classes to complete the	quence as outli iis requiremen	ned within t, then do
PE (PED) Counts in Area V	2 credits	Select <b>two PED (</b> Physical Education) courses to Take one PED course during Mini-term 1 and		LSCC Catalog Area V	
			TERM 1 Total Ci	edit Hours	/16

		SECOND SEMESTER RECOMMENDED COURSE SEQUENCE		
Course Name/Type	Credit Hours	Course Description and Guidance	STARS Cross- Reference (by Area)	Track your progress
ENG102	3 credits	ENG102English Composition (Part II)	STARS Area I	
SPH107 or SPH106	3 credits	SPH107—Public Speaking or SPH106—Fundamentals of Oral Communication	STARS Area II	
Science Part II STARS Alert!	4 credits	Complete Part II of your required Science Sequence: Complete your second paired science course, unless your major permits you to un-pair your science selection. If not, finish the science sequence you started. See STARS to determine if flexibility is granted here. Most AS majors MUST finish a paired sequence, so keep that in mind.  Part II Science Course Options:  BIO102—Introduction to Biology II (pairs with BIO101) or  BIO104— Principles of Biology II (pairs with BIO103) or  CHM105 Introduction to Chemistry II (pairs with CHM104) or  CHM112 College Chemistry II (pairs with CHM111) or  PHS112—Physical Science II (pairs with PHS112) or  PHY202 General Physics II (pairs with PHY201) or  PHY214—General Physics with Calculus II (pairs with BIO102)	STARS Area III	
ADVISING NOTE	specific majo the degree g	Science (AS) majors must complete a 6-credit hour science sequence. Check your STARS gor enables you to select any type of science (un-paired) or are you required to pair the sequide. If your major permits you to select different types of science classes to complete the sure to read STARS closely and follow it, for most AS majors do have to complete a	uence as outli is requiremen	ned within t, then do
HIS101 or HIS102 or HIS201 or HIS202 or HIS121 or HIS122 STARS Alert!	3 credits	Select one History course (3 credits) and then read the "Advising Note" below.  Students have an option of completing a History sequence.  • HIS101 or HIS102Western Civilization History (Part I or Part II) or  • HIS121 or HIS122World History (Part I or Part II) or  • HIS201 or HIS202United States History (Part I or Part II)  Note: Although history courses can be taken out of sequence. Ex: You can take HIS102 before taking HIS101, etc, DO NOT mix types. Complete a paired sequence only.	STARS Area IV	
ADVISING NOTE	Literature or specific majo	ation: For most Associate in Science (AS) degrees, students must complete a 6-credit hou History (based on their choosing). This varies per major, so refer to STARS to see if this is or. Never assume. If selecting a history sequence, the type of history must remain the samor example, if you elect to study U.S. History and complete Part I, you must complete U.S.	required for yne. History typ	our es cannot
Area V Course STARS Alert!	3 Credits	STARS Alert!: Enroll in one Area V course (3 credit hours) as outlined on your specific STARS Report. Students wishing to enroll in TWO Area V classes (for Semester 2) must seek approval via the Records Office. Obtain your STARS Report. Scroll down to Area V section to view course listings. If some or none of the courses are listed, continue to scroll down until you reach the Area V Chart. Locate your Transfer College and Click in the Area V hyperlink (in the middle of the chart). This will take you to that college's Area V course listing. Review the list and select your Area V classes that you have not yet completed. Need help, seek advisement.	STARS Area V	
	l	TERM 2 Total Cr	edit Hours	/16

THIRD SEMESTER RECOMMENDED COURSE SEQUENCE				
Course Name/Type	Credit Hours	Course Description and Guidance	STARS Cross- Reference (by Area)	Track your progress
ENG251 or ENG252 or ENG261 or ENG262 or ENG271 or ENG272	3 credits	All students must take at least 1 Literature course for this degree. Select one Literature course (3 credits) and then read the "Advising Note" below.  Select one English Literature Course to take:  • ENG251 or ENG252—American Literature Part I & Part II or  • ENG261 or ENG262—English Literature Part I & Part II or  • ENG271 or ENG272—World Literature Part I & Part II  Note: English Literature courses can be taken out of sequence. Example: You can take ENG252 before taking ENG251, etc	STARS Area II	
ADVISING NOTE	Also, for mos History. If se	st pass ENG101 and ENG102 with a grade of "C" or higher before attempting to enroll in a st Associate and Arts (AS) degrees, students must complete a 6-credit hour sequence in eiglecting a Literature sequence, the type of Literature must remain the same (be paired). The study American Lit. and complete Part I, you must complete American Lit.	ther Literature Types cannot b	e or e mixed.
PSY200	3 credits	PSY200General Psychology	STARS Area IV	
Complete a History Sequence or opt to take an elective.  STARS Alert!	3 credits	Select either a History class to complete your paired sequence or an Area IV elective in this section. Read carefully; there are TWO Options.  OPTION 1 Directions: Select "Option 1" if you have opted to complete a History sequence, not a Literature sequence:  Option 1: Complete your History sequence. Take the 2 <sup>nd</sup> History course that matches with the History course you have already taken. Complete the sequence.  • HIS101 or HIS102Western Civilization History (Part I or Part II) or  • HIS201 or HIS202United History (Part I or Part II) or  • HIS201 or HIS202United States History (Part I or Part II)  Option 2 Directions: Select "Option 2" if you have opted to complete the Literature sequence, not a History sequence:  Option 2: Select a 3-credit Area IV elective as outlined below:  • SOC200—Introduction to Sociology or  • SOC210—Social Problems or  • ECO231—Principles of Macroeconomics I or  • ECO232Principles of Microeconomics II or  • PSY210Human Growth and Development—PSY210 ( pre. req. is PSY200)	STARS Area IV	
CIS146 Counts in Area V	3 credits	CIS146Microcomputer Applications	LSCC Catalog Area V	
Area V Course STARS Alert!	3-4 Credits	STARS Alert!: Enroll in an Area V courses (3 credit hours) as outlined on your specific STARS Report. Obtain your STARS Report. Scroll down to Area V section to view course listings. If some or none of the courses are listed, continue to scroll down until you reach the Area V Chart. Locate your Transfer College and Click in the Area V hyperlink (in the middle of the chart). This will take you to that college's Area V course listing. Review the list and select your Area V classes that you have not yet completed. Need help, seek advisement.	STARS Area V	
		TERM 3 Total Cr	edit Hours	/15-16

	<b>FOURTH S</b>	EMESTER RECOMMENDED COURSE SEQUENCE		
Course Name/Type	Credit Hours	Course Description and Guidance	STARS Cross- Reference (by Area)	Track your progress
ENG251 or ENG252 or ENG261 or ENG262 or ENG271 or ENG272 OR *HUM101 or SPA101 or PHL206	3 credits	Select either a Literature class to complete your paired sequence or an Area II elective in this section. Read carefully; there are TWO Options.  OPTION 1 Directions: Select "Option 1" if you have opted to complete a Literature sequence, not a History sequence:  Option 1: Complete a Literature sequence. Take the 2 <sup>nd</sup> Literature course that matches with the Literature course you have already taken. Complete the sequence.  • ENG251 or ENG252—American Literature Part I & Part II or  • ENG261 or ENG262—English Literature Part I & Part II or  • ENG271 or ENG272—World Literature Part I & Part II  Option 2 Directions: Select "Option 2" if you have opted to complete a History sequence, not a Literature sequence:  Option 2: Select a 3-credit Area II elective as outlined below:  • HUM101—Introduction to Humanities or  • PHL206—Ethics in Society or	STARS Area II	
Area IV Elective (3 credits)	3 credits	<ul> <li>SPA101—Introduction to Spanish I</li> <li>Select an Area IV Elective:         <ul> <li>PSY210—Human Growth and Development or</li> <li>SOC200—Introduction to Sociology or</li> <li>SOC210—Social Problems or</li> <li>ECO231—Principles of Macroeconomics I or</li> <li>ECO232—Principles of Microeconomics II or</li> <li>PSY210— Human Growth and Development ( pre. req. is PSY200) or</li> <li>SPH116—Introduction to Interpersonal Communication</li> </ul> </li> </ul>	STARS Area IV	
Area V Course STARS Alert!	8 Credits	STARS Alert!: Complete your Area V remaining course.  Complete all remaining Area V pre-professional classes still needed—See STARS. If following this guide, you will need a minimum of 8 credits, all though this can vary, depending on how many Area V classes you have taken up to this point. In total, all students need at least 19 Area V credits in order to graduate and should NEVER exceed more than 23 credits in this area.  Complete a Degree Works and STARS Check. First, obtain a STARS REPORT to determine what Area V classes are still needed (that you must take). Then, login MyLawson and access your Degree Works map (and compare findings). Both your STARS and Degree Works map should match. If they do not, stop and seek advisement.  STARS "Area V" Viewing Directions: After accessing your STARS Report, scroll down to Area V section to view course listings. If some or none of the courses are listed, continue to scroll down until you reach the Area V Chart. Locate your Transfer College and Click in the Area V hyperlink (in the middle of the chart). This will take you to that college's Area V course listing. Review the list and select your Area V classes that you have not yet completed. Need help, seek advisement.	STARS Area V	
		TERM 4 Total Cr	edit Hours	/14
Total COM Credits for Degree Aw	·AS	Type of Degree Awarded: Associate of Science Degree Program of Study: General Studies Transferable Credit: Yes (NOTE: "D" grades are not guaranteed to transfer. Check transfer institution. Transfer Policies vary per college.)		61-62

# Placement Guide and Tracking Sheet for English & Math

#### **IMPORTANT NOTE:** Understanding English and Math Placement:

If you graduated high school (within the last 5 years) or you have taken the ACT, you do not have to take a Placement Test in order to be placed in your English or math track at Lawson. Placement will be determined by how you performed in English IV and Algebra II in high school or your ACT score in English and math. If neither apply to you, you must take a Placement Exam at the College and be placed based on those results. Once placed, you MUST complete all required developmental and/or pre-requisite courses in order to register for MTH110 or MTH112 and ENG101. See your Advisor if you have additional questions about English and math tracks.

Developmental &
Pre-Requisite
Tracks for English
& Math
(Starting Points
Vary Per Student)

Math TRACKS: (varies per student)
MTH100 with MTH099 (support lab)
MTH110 with MTH109 (support lab)
\*MTH110 (does not require MTH100)
\*MTH112 (requires MTH100 unless placed into MTH112 directly).

English TRACKS: (varies per student) ENG101 with ENG099 (lab) ENG101 Review each Track.
Starting points vary.
Placement is based on
H.S. grades & test
scores. See your
Advisor for help,
if needed.

# Lawson State Community College—Associate in Arts Degree (AA) Course Sequence Guide (CSG)—Liberal Arts with Graphic Design Concentration

Degree awarded is an Associate in Science Degree. This CSG outlines a Program of Study designed for transfer to a 4-year college. Students are responsible for following their STARS Agreement for transfer purposes (which is subject to change). Below is a recommended course sequence guide only. Courses AN BE taken out of sequence if so selected by the student and his/her advisor. Class offerings are not guaranteed. Students are encouraged to take Mini-terms to speed up course / degree complete.

CAN BE taken out of sequence if so selected by the student and his/her advisor. Class offerings are not guaranteed. Students are encouraged to take Mini-terms to speed up course / degree completion rates. Students are also encouraged to take at least 15 credits hours per semester.

Developmental & Pre-Requisite Tracks for English & Math (Starting Points Vary Per Student)

Math TRACKS: (varies per student)
MTH098 🔲
MTH100 with MTH099 (lab)
MTH100
College Level:
MTH110 or MTH112

English TRACKS: (varies per student)	
ENR098	
College Level:	
ENG101 with ENG099 (lab)	
FNG101 🗍	

Check off each Dev. Track as completed. Starting points vary per student. See your Advisor if you need help.

#### **IMPORTANT NOTE:** Understanding Your English and Math Placement at Lawson State

If you graduated high school (within the last 5 years) or you have taken the ACT, you do not have to take a Placement Test in order to be placed in your English or math track at Lawson.

Placement will be determined by how you performed in English IV and Algebra II in high school or your ACT score in English and math. If neither apply to you, you must take a Placement Exam at the College and be placed based on those results. Once placed, you MUST complete all required Developmental and/or pre-requisite courses in order to register for MTH111 or MTH112 and ENG101 (if placed so accordingly). See your Advisor or visit the Advising Center if you have additional questions about English and math tracks.

Course Name	Credit Hours & Totals	Course Description and Guidance	STARS Cross- Reference ( by Area)	Track your progress.				
	FIRST SEMESTER RECOMMENDED COURSE SEQUENCE							
ORI 101	1 credits	Freshman Orientation—ORI101	LSCC Requirement					
MTH 110 or MTH 112	3 credits	MTH 110 Finite Mathematics or MTH 112 Pre-Calculus Algebra- (**See "Advising Note" below)	Area III					
ENG101	3 credits	English Composition (Part I)—ENG101	Area I					
CIS146	3 credits	Microcomputer Applications—CIS146	LSCC Catalog Area V					
PED (Take 1 PE courses)	1 credit	Select one PED (Physical Education) course to take this term.	LSCC Catalog Area V					
Art 100	3 credits	Select Fine Arts course listed: Course Options  • Art Appreciation—Art 100	Area II					
PSY200	3 credits	General Psychology—PSY200	Area IV					
	Not all students will eligible	le to enroll in MTH112 or ENG101 their first semester. Placement in these classes varies per student. However, rega	rdless of placement, all s	tudents must				

ADVISING NOTE
(1st Semester)

Not all students will eligible to enroll in MTH112 or ENG101 their first semester. Placement in these classes varies per student. However, regardless of placement, all students must eventually enroll and pass MTH112 and ENG101 as part of this degree plan. Students not placing directly in MTH112 or ENG101 must complete any pre-requisite tracks (listed above) before enrolling. Check off where you placed and follow the math or English track as listed above.

**TERM 1 Total Credit Hours** 

/17

## **SECOND SEMESTER (2S) RECOMMENDED COURSE SEQUENCE**

	<u> </u>	T		T
ENG102	3 credits	English Composition (Part II)—ENG102	Area I	
SPH 106 or 107	3 credits	Public Speaking—SPH107 OR Fundamentals of Oral Communication SPH 106	Area II	
PED (Take 1 PE course)	1 credit	Select one PED (Physical Education) course to take this term.	LSCC Catalog Area V	
Area V required:	6 credits	Area V: ART 113 Drawing I (pre-requisite course) and ART 121- 2D Composition	Area V	
HIS101 or HIS102 or HIS201 or HIS202 or HIS121 or HIS122	3 credits	Select one History course (3 credits.  Western Civilization History (Part I or Part II)—HIS101 or HIS102  United States History (Part I or Part II)—HIS201 or HIS202  World History (Part I or Part II)—HIS121 or HIS122  (**See "Advising Note" below for more information)	Area IV	
ADVISING NOTE (2 <sup>nd</sup> Semester)	remain the same. Types of	must complete a 6 credit hour sequence in either Literature or History (based on their choosing). If selecting a histo cannot be mixed. For example, if you take HIS101, to complete the sequence, you must take HIS102, etc And, alth of sequence. For example, you can take HIS202 before you take HIS201, etc.		
		TER	M 2 Total Credit Hours	/16
		THIRD SEMESTER RECOMMENDED COURSE SEQUENCE		
HIS101 or HIS102 or HIS201 or HIS202 or HIS121 or HIS122 OR AREA V Course	3 credits	Select a History Sequence. If not, a Literature Sequence must be completed next semester. If you are not selecting History this term, select an Area V class here. See "Advising Note 1" below for more info.  History Course Options for Completion of Sequence:  Western Civilization History (Part I or Part II)—HIS101 or HIS102  United States History (Part I or Part II)—HIS201 or HIS202  World History (Part I or Part II)—HIS121 or HIS122  ART 203 ART History I	Area IV Or Area V (if History Sequence is NOT selected)	
PSY210	3 credits	Human Growth and Development—PSY210	STARS Area IV	
ENG251 or ENG252 or ENG261 or ENG262 or ENG271 or ENG272	3 credits	Select one Literature course (3 credits). See "Advising Note 2" below for more information.  • American Literature (Part I or Part II) —ENG251 or ENG252  • English Literature (Part I or Part II) —ENG261 or ENG262  • World Literature (Part I or Part II)—ENG271 or ENG272	Area II	
BIO101	4 credits	Introduction to Biology (Part I)—BIO101 (see STARS for other science options)	Area III	
Area V – ART	6 credits	REQUIRED: ART 114 Drawing II and ART 122 3D Composition	Area V	
ADVISING NOTE 1 (3rd Semester)	For this degree, students must complete a 6 credit hour sequence in either Literature or History (based on their choosing). If you are NOT completing a sequence in History and are opting to complete a Literature sequence instead (next semester), take 3 credits in your Area V area instead (this is very important). See your STARS guide to select the appropriate Area V class for this 3 credit requirement (this semester). If you need further assistance, see your Advisor in selecting the best class option here. Always check your STARS report for confirmation, for course requirements within degrees are subject to change.			
ADVISING NOTE 2	Students must pass ENG101 and ENG102 with a grade of "C" or higher before attempting to enroll in any English Literature course. Also, students must complete a 6 credit hour sequence in either Literature or History. If selecting a Literature sequence, the type of Literature must remain the same. Types cannot be mixed. For example, if you elect to study			

(3 <sup>rd</sup> Semester)	World Literature and complete Part I, you must complete World Lit. Part II (or vice versa). You cannot mix types. However, English Literature courses can be taken out of sequence. Example: You can take ENG252 before taking ENG251, etc				
		TERN	/ 3 Total Credit Hours	16	
		FOURTH SEMESTER RECOMMENDED COURSE SEQUENCE			
BIO102	4 credits	Take the second part of the science (Part II) and finish your sequence:  • Introduction to Biology -pt 2—BIO102.	STARS Area III		
HUM101 or SPA101 or PHL206	3-4 credits	Select a Humanities Elective from the Course Options below:  Introduction to Humanities—HUM101 (3 credits)  Introductory Spanish I—SPA101 (4 credits)  Ethics & Society—PHL206 (3 credits)	STARS Area II		
ENG251 or ENG252 or ENG261 or ENG262 or ENG271 or ENG272	3 credits	COMPLETE YOUR AREA II sequence: Literature OR History here If you DID NOT complete a History Sequence, you MUST select a Literature Sequence (from the course options below). However, if you have already completed a History Sequence, select an Area V course instead for these 3 credits. See "Advising Note 2" below for more information.  Select one English Literature Course to take:  American Literature (Part I or Part II)—ENG251 or ENG252  English Literature (Part I or Part II)—ENG261 or ENG262  World Literature (Part I or Part II)—ENG271 or ENG272	STARS Area II		
SOC200 or PSY 210	3 credits	Introduction to Sociology—SOC200 or Human Growth and Development PSY 210	Area IV		
Area V elective	3 credits	Art 204 - Art History II	STARS AREA V REQUIRED COURSE		
For this degree, students must complete a 6 credit hour sequence in either Literature or History (based on their choosing). If you opted NOT to complete a sequence in History, you MUST complete a Literature sequence. However, if you have already completed your History sequence, you need to complete an Area V course for these 3 credits instead. This is very important. See your STARS guide to select the appropriate Area V class for this 3 credit requirement (this semester). If you need further assistance, see your Advisor in selecting the best class option here. Always check your STARS report for confirmation, for course requirements within degrees are subject to change.					
			// 4 Total Credit Hours	/16-17	
Total COMPLETED Credits for AS Degree Award:		Type of Degree Awarded: Associate of Arts Degree Program of Study: Liberal Arts Concentration Graphic Design		/64	

Concentration\_Graphic Design\_

# Lawson State Community College—Associate in Science Degree (AS) Course Sequence Guide (CSG)--General Studies in Graphic Design

Degree awarded is an Associate in Science Degree. This CSG outlines a Program of Study designed for transfer to a 4-year college. Students are responsible for following their STARS Agreement for transfer purposes (which is subject to change). Below is a recommended course sequence guide only. Courses CAN BE taken out of sequence if so selected by the student and his/her advisor. Class offerings are not guaranteed. Students are encouraged to take Mini-terms to speed up course / degree completion rates. Students are also

encouraged to take at least 15 credits hours per semester.

Developmental &	Pre-
<b>Requisite Tracks for Eng</b>	lish & Math
(Starting Points Vary Pe	er Student)

Math TRACKS: (varies per student) MTH098	English TRACKS: (varies per student)  ENR098  College Level:  ENG101 with ENG099 (lab)  ENG101  ENG101	Check off each Dev. Track a completed. Starting points var student. See your Advisor if you help.
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#### **IMPORTANT NOTE:** Understanding Your English and Math Placement at Lawson State

If you graduated high school (within the last 5 years) or you have taken the ACT, you do not have to take a Placement Test in order to be placed in your English or math track at Lawson. Placement will be determined by how you performed in English IV and Algebra II in high school or your ACT score in English and math. If neither apply to you, you must take a Placement Exam at the College and be placed based on those results. Once placed, you MUST complete all required Developmental and/or pre-requisite courses in order to register for MTH111 or MTH112 and ENG101 (if placed so accordingly). See your Advisor or visit the Advising Center if you have additional questions about English and math tracks.

Course Name	Credit Hours & Totals	Course Description and Guidance	STARS Cross- Reference ( by Area)	Track your progress.
		FIRST SEMESTER RECOMMENDED COURSE SEQUENCE		
ORI 101	1 credits	Freshman Orientation—ORI101	LSCC Requirement	
MTH 112	3 credits	Pre-Calculus Algebra—MTH112 (**See "Advising Note" below)	Area III	
ENG101	3 credits	English Composition (Part I)—ENG101	Area I	
CIS146	3 credits	Microcomputer Applications—CIS 146	LSCC Catalog Area V	
PED (Take 2 PE courses)	2 credits	Select two PED (Physical Education) courses to take this term.	LSCC Catalog Area V	
ART100 or MUS101 or THR120	3 credits	Select one introductory Fine Arts course listed: Course Options  Art Appreciation—ART100 (recommended)  Music Appreciation—MUS101  Theatre Appreciation—THR120	Area II	
	Not all students will eligible	e to enroll in MTH112 or ENG101 their first semester. Placement in these classes varies per student. However, rega	rdless of placement, all s	tudents must



Not all students will eligible to enroll in MTH112 or ENG101 their first semester. Placement in these classes varies per student. However, regardless of placement, all students must eventually enroll and pass MTH112 and ENG101 as part of this degree plan. Students not placing directly in MTH112 or ENG101 must complete any pre-requisite tracks (listed above) before enrolling. Check off where you placed and follow the math or English track as listed above.

TERM 1 Total Credit Hours

/15

		SECOND SEMESTER (2S) RECOMMENDED COURSE SEQUENCE		
ENG102	3 credits	English Composition (Part II)—ENG102	Area I	
SPH 106 or 107	3 credits	SPH 106 Fundamentals of Oral Communication or Public Speaking—SPH107	Area II	
Area V Course	6 credits	Required: ART 113- Drawing I and ART 121 2D Composition	AREA V	
HIS101 or HIS102 or HIS201 or HIS202 or HIS121 or HIS122		Select one History course (3 credits.  Western Civilization History (Part I or Part II)—HIS101 or HIS102  United States History (Part I or Part II)—HIS201 or HIS202  World History (Part I or Part II)—HIS121 or HIS122  (**See "Advising Note" below for more information)  s must complete a 6 credit hour sequence in either Literature or History (based on their choosing). If selecting a history		
ADVISING NOTE (2 <sup>nd</sup> Semester)		s cannot be mixed. For example, if you take HIS101, to complete the sequence, you must take HIS102, etc And, althout of sequence. For example, you can take HIS202 before you take HIS201, etc.	ugh you cannot mix cours	e types, history
(= 526		TERM	2 Total Credit Hours	/15
		THIRD SEMESTER RECOMMENDED COURSE SEQUENCE		
HIS101 or HIS102 or HIS201 or HIS202 or HIS121 or HIS122 OR AREA V Course	3 credits	Select a History Sequence (if you so choose). If not, a Literature Sequence must be completed next semester.  If you are not selecting History this term, select an Area V class here. See "Advising Note 1" below for more info.  History Course Options for Completion of Sequence:  Western Civilization History (Part I or Part II)—HIS101 or HIS102  United States History (Part I or Part II)—HIS201 or HIS202  World History (Part I or Part II)—HIS121 or HIS122  ART 203 - ART HISTORY I	Area IV Or Area V (if History Sequence is NOT selected)	
ENG251 or ENG252 or ENG261 or ENG262 or ENG271 or ENG272	3 credits	Select one Literature course (3 credits). See "Advising Note 2" below for more information.  • American Literature (Part I or Part II) —ENG251 or ENG252  • English Literature (Part I or Part II) —ENG261 or ENG262  • World Literature (Part I or Part II)—ENG271 or ENG272	Area II	
BIO103	4 credits	Principles of Biology (Part I)—BIO103	Area III	
PSY 200	3 credits	General Psychology—PSY200	Area IV	
Area V Course	6 credits	REQUIRED: ART 114- Drawing II and ART 122 – 3D Composition	Area V	
For this degree, students must complete a 6 credit hour sequence in either Literature or History (based on their choosing). If you are NOT completing a sequence in History and are opting to complete a Literature sequence instead (next semester), take 3 credits in your Area V area instead (this is very important). See your STARS guide to select the appropriate Area V class for this 3 credit requirement (this semester). If you need further assistance, see your Advisor in selecting the best class option here. Always check your STARS report for confirmation, for course requirements within degrees are subject to change.				
ADVISING NOTE 2 (3rd Semester)	Students must pass ENG101 and ENG102 with a grade of "C" or higher before attempting to enroll in any English Literature course. Also, students must complete a 6 credit hour sequence in either Literature or History. If selecting a Literature sequence, the type of Literature must remain the same. Types cannot be mixed. For example, if you elect to study World Literature and complete Part I, you must complete World Lit. Part II (or vice versa). You cannot mix types. However, English Literature courses can be taken out of sequence. Example: You can take ENG252 before taking ENG251, etc			
		TERM	3 Total Credit Hours	/16

		FOURTH SEMESTER RECOMMENDED COURSE SEQUENCE			
BIO104	4 credits	Take the second part of the science (Part II) and finish your sequence:  • Principles of Biology (Part II)—BIO104.	STARS Area III		
HUM101 or SPA101 or PHL206	3-4 credits	Select a Humanities Elective from the Course Options below:  Introduction to Humanities—HUM101 (3 credits)  Introductory Spanish I—SPA101 (4 credits)  Ethics & Society—PHL206 (3 credits)	STARS Area II		
PSY210	3 credits	Human Growth and Development—PSY210	STARS Area IV		
ENG251 or ENG252 or ENG261 or ENG262 or ENG271 or ENG272	3 credits	COMPLETE your SEQUENCE: History OR Literature  If you DID NOT complete a History Sequence, you MUST select a Literature Sequence (from the course options below). However, if you have already completed a History Sequence, select an Area V course instead for these 3 credits. See "Advising Note 2" below for more information.  Select one English Literature Course to take:  American Literature (Part I or Part II)—ENG251 or ENG252  English Literature (Part I or Part II)—ENG261 or ENG262  World Literature (Part I or Part II)—ENG271 or ENG272	STARS Area II		
Area V Course	3 credits	REQUIRED: ART 204 – Art History II	STARS Area V		
Area IV Course	3 credits	<ul> <li>Introduction to Sociology—SOC 200 or</li> <li>Principles of Macroeconomics—ECO231</li> </ul>	STARS Area V		
For this degree, students must complete a 6 credit hour sequence in either Literature or History (based on their choosing). If you opted NOT to complete a sequence in History, you MUST complete a Literature sequence. However, if you have already completed your History sequence, you need to complete an Area V course for these 3 credits instead. This is very important. See your STARS guide to select the appropriate Area V class for this 3 credit requirement (this semester). If you need further assistance, see your Advisor in selecting the best class option here. Always check your STARS report for confirmation, for course requirements within degrees are subject to change.					
TERM 4 Total Credit Hours					
Total COMPLETED Credits for AS Degree Award:  Type of Degree Awarded: Associate of Science Degree Program of Study: General Studies Concentration:Graphic Design				/62-63	

# Lawson State Community College—Associate in Arts Degree (AA) Course Sequence Guide (CSG) for Liberal Arts / Student Self-Advising Tool

Degree awarded is an Associate in Arts Degree. This CSG outlines a Program of Study designed for transfer to a 4-year college. Below is a recommended course sequence guide only. Always check Degree Works first to measure your progress towards degree completion. This guide is NOT intended to replace Degree Works or the STARS Guide and students should ALWAYS reference both when viewing this document; all need to be used together. Courses CAN BE taken out of sequence if so selected by the student and his/her advisor. Class offerings are not guaranteed. Students are also encouraged to take at least 15 credits hours per semester in order to complete their degree on time. \*See Developmental Tracking Guide on last page.

FIRST SEMESTER RECOMMENDED COURSE SEQUENCE				
Course Name/Type	Credit Hours	Course Description and Guidance	STARS Cross- Reference (by Area)	Track your progress
ORI 101	1 credit	ORI101Freshman Orientation	LSCC Req'd (Catalog)	
ENG101	3 credits	ENG101—English Composition (Part I)	STARS- Area I	
SPH107 or SPH106	3 credits	SPH107—Public Speaking or SPH106—Fundamentals of Oral Communication	STARS Area II	
ART100 or MUS101 or THR120	3 credits	Select one introductory Fine Arts course from the listing below:  • ART100Art Appreciation or  • MUS101—Music Appreciation  • THR120—Theatre Appreciation	STARS Area II	
Req'd Math Course STARS Alert!	3 credits	STARS Alert!: Check the STARS Report to determine the correct Math for this degree.  Never guess or assume. DO NOT RANDOMLY SELECT. YOU MUST CHECK STARS!  Select one math course from the listing below:  • MTH110—Finite Mathematics (*MTH109 pre-req. or placement qualifier) or  • MTH112—Pre-Calculus Algebra (*MTH100 pre-req. or placement qualifier) or  • MTH113—Pre-Calculus Trigonometry (*MTH112 pre-req. or placement qualifier) or  • MTH115—Pre-Calculus Alg. and Trig. (*MTH100 pre-req. or placement qualifier) or  • MTH125—Calculus I (*MTH113 or MTH115 pre-req. or placement qualifier) or  • MTH126—Calculus II (*MTH126 pre-req. or placement qualifier) or  • MTH237—Linear Algebra (*MTH126 pre-req. or placement qualifier) or  • MTH238—Applied Differential Equations (*MTH227 pre-req. or placement qualifier)	STARS Area III	
ADVISING NOTE	semester. Pl tracks (see la	s NO pre-requisite for MTH110, <b>not</b> all students will be eligible to enroll in MTH112 or EN acement varies per student. Students not placing directly in MTH112 or ENG101 must const page of this document for more information) before enrolling. Check off where you plish track as listed on the last page of this document.	mplete any pre-	requisite
PE (PED) Counts in Area V	2 credits	Select <b>two PED (</b> Physical Education) courses to take this term. Recommendation: Take one PED course during Mini-term 1 and the other during Mini-term 2, if possible.	LSCC Catalog Area V	
OPTIONAL Area V Course STARS Alert!	3 Credits	STARS Alert!: OPTIONAL—EARLY START OPTION: Students wishing to start on their Area V (major courses) early can do so. Take 18 hours by adding an Area V class.  This is NOT recommended unless you have a very strong academic background.  Talk to an Advisor before making this decision. Run your STARS Guide. Scroll down to the Area V options and select a course to enroll in for this term. If none are listed, continue to scroll down the STARS Guide to the Area V chart. Locate your Transfer College and Click in the Area V link for that institution. This will take you to a listing of Area V classes for your intended major. Review the list and select your Area V class. Need help, seek advisement.	STARS Area V Early Start OPTION	
		TERM 1 Total C	Credit Hours	/15-18

		SECOND SEMESTER RECOMMENDED COURSE SEQUENCE			
Course Name/Type	Credit Hours	Course Description and Guidance	STARS Cross- Reference (by Area)	Track your progress	
ENG102	3 credits	ENG102English Composition (Part II)	STARS Area I		
Req'd Science Sequence (Complete Part I of a two-part series)	4 credits	Complete Part I of your required Science Sequence: Students must complete an 8-credit sequence of science. The sequence must be paired (match). Check the STARS Report to determine the correct SCIENCE sequence for this degree. Never guess or assume. YOU MUST CHECK STARS! DO NOT RANDOMLY SELECT!  Part I Science Course Options(SEE STARS REPORT BEFORE YOU SELECT):  • BIO101—Introduction to Biology I (pairs with BIO102) or  • BIO103—Principles of Biology I (pairs with BIO104) or  • CHM104—Introduction to Chemistry I (pairs with CHM105) or  • CHM111—College Chemistry I (pairs with CHM112) or  • PHS111—Physical Science I (pairs with PHS112) or  • PHY201—General Physics I (pairs with PHY202) or  • PHY213—General Physics with Calculus I (pairs with PHY214)  For a full listing, See STARS if you are a transfer student and have already started this sequence and need the second course to complete the sequence.	STARS Area III		
ADVISING NOTE	major enable degree guide	Arts (AA) majors must complete a 6-credit hour science sequence. Check your STARS guides you to select any type of science (un-paired) or are you required to pair the sequence at lf your major permits you to select different types of science classes to complete this research to read STARS closely and follow it, for most AA majors do have to complete a PAII	s outlined withi equirement, the	in the n do so.	
HIS101 or HIS102 or HIS201 or HIS202 or HIS121 or HIS122  STARS Alert!	3 credits	Select one History course (3 credits) and then read the "Advising Note" below.  Students have an option of completing a History sequence.  HIS101 or HIS102Western Civilization History (Part I or Part II) or  HIS121 or HIS122World History (Part I or Part II) or  HIS201 or HIS202United States History (Part I or Part II)  Note: Although history courses can be taken out of sequence. Ex: You can take HIS102 before taking HIS101, etc, DO NOT mix types. Complete a paired sequence only.	STARS Area IV		
ADVISING NOTE	Early Notification: For most Associate in Arts (AA) degrees, students must complete a 6-credit hour sequence in either Literature or History (based on their choosing). This varies per major, so refer to STARS to see if this is required for your specific major. Never assume. If selecting a history sequence, the type of history must remain the same. History types cannot be mixed. For example, if you elect to study U.S. History and complete Part I, you must complete U.S. History II (or vice versa).				
CIS146 Counts in Area V	3 credits	CIS146Microcomputer Applications	LSCC Catalog Area V		
Area V Course STARS Alert!	3 Credits	STARS Alert!: Enroll in one Area V course (3 credit hours) as outlined on your specific STARS Report. Students wishing to enroll in TWO Area V classes (for Semester 2) must seek approval via the Records Office. Obtain your STARS Report. Scroll down to Area V section to view course listings. If some or none of the courses are listed, continue to scroll down until you reach the Area V Chart. Locate your Transfer College and Click in the Area V hyperlink (in the middle of the chart). This will take you to that college's Area V course listing. Review the list and select your Area V classes that you have not yet completed. Need help, seek advisement.	STARS Area V		
		TERM 2 Total C	Credit Hours	/16	

THIRD SEMESTER RECOMMENDED COURSE SEQUENCE				
Course Name/Type	Credit Hours	Course Description and Guidance	STARS Cross- Reference (by Area)	Track your progress
ENG251 or ENG252 or ENG261 or ENG262 or ENG271 or ENG272	3 credits	All students must take at least 1 Literature course for this degree. Select one Literature course (3 credits) and then read the "Advising Note" below.  Select one English Literature Course to take:  • ENG251 or ENG252—American Literature Part I & Part II or  • ENG261 or ENG262—English Literature Part I & Part II or  • ENG271 or ENG272—World Literature Part I & Part II  Note: English Literature courses can be taken out of sequence. Example: You can take ENG252 before taking ENG251, etc  st pass ENG101 and ENG102 with a grade of "C" or higher before attempting to enroll in a	STARS Area II	
ADVISING NOTE	Also, for mos History. If se	st Associate and Arts (AA) degrees, students must complete a 6-credit hour sequence in e electing a Literature sequence, the type of Literature must remain the same (be paired). I fi jou elect to study American Lit. and complete Part I, you must complete American Lit.	ither Literature Types cannot be	or mixed.
Science Part II STARS Alert!	4 credits	Complete Part II of your required Science Sequence: Complete your second paired science course, unless your major permits you to un-pair your science selection. If not, finish the science sequence you started. See STARS to determine if flexibility is granted here. Most AA majors MUST finish a paired sequence, so keep that in mind.  Part II Science Course Options:  BIO102—Introduction to Biology II (pairs with BIO101) or BIO104— Principles of Biology II (pairs with BIO103) or CHM105 Introduction to Chemistry II (pairs with CHM104) or CHM112 College Chemistry II (pairs with CHM111) or PHS112—Physical Science II (pairs with PHS112) or PHY202 General Physics II (pairs with PHY201) or PHY214—General Physics with Calculus II (pairs with BIO102)	STARS Area III STARS Alert!	
PSY200	3 credits	PSY200General Psychology	STARS Area IV	
Complete a History Sequence or opt to take an elective. STARS Alert!	3 credits	Select either a History class to complete your paired sequence or an Area IV elective in this section. Read carefully; there are TWO Options.  OPTION 1 Directions: Select "Option 1" if you have opted to complete a History sequence, not a Literature sequence:  Option 1: Complete your History sequence. Take the 2 <sup>nd</sup> History course that matches with the History course you have already taken. Complete the sequence.  • HIS101 or HIS102Western Civilization History (Part I or Part II) or  • HIS121 or HIS122World History (Part I or Part II) or  • HIS201 or HIS202United States History (Part I or Part II)  Option 2 Directions: Select "Option 2" if you have opted to complete the Literature sequence, not a History sequence:  Option 2: Select a 3-credit Area IV elective as outlined below:  • SOC200—Introduction to Sociology or  • SOC210—Social Problems or  • ECO231—Principles of Macroeconomics I or  • ECO232Principles of Microeconomics II or  • PSY210Human Growth and Development—PSY210 ( pre. req. is PSY200)	STARS Area IV	
Area V Course STARS Alert!	3 Credits	STARS Alert!: Enroll in an Area V courses (3 credit hours) as outlined on your specific STARS Report. Obtain your STARS Report. Scroll down to Area V section to view course listings. If some or none of the courses are listed, continue to scroll down until you reach the Area V Chart. Locate your Transfer College and Click in the Area V hyperlink (in the middle of the chart). This will take you to that college's Area V course listing. Review the list and select your Area V classes that you have not yet completed. Need help, seek advisement.	STARS Area V	
		TERM 3 Total C	Credit Hours	/16

	FOURTH S	EMESTER RECOMMENDED COURSE SEQUENCE		
Course Name/Type	Credit Hours	Course Description and Guidance	STARS Cross- Reference (by Area)	Track your progress
ENG251 or ENG252 or ENG261 or ENG262 or ENG271 or ENG272 OR *HUM101 or SPA101 or PHL206	3 credits	Select either a Literature class to complete your paired sequence or an Area II elective in this section. Read carefully; there are TWO Options.  OPTION 1 Directions: Select "Option 1" if you have opted to complete a Literature sequence, not a History sequence:  Option 1: Complete a Literature sequence. Take the 2 <sup>nd</sup> Literature course that matches with the Literature course you have already taken. Complete the sequence.  • ENG251 or ENG252—American Literature Part I & Part II or  • ENG261 or ENG262—English Literature Part I & Part II or  • ENG271 or ENG272—World Literature Part I & Part II  Option 2 Directions: Select "Option 2" if you have opted to complete a History sequence, not a Literature sequence:  Option 2: Select a 3-credit Area II elective as outlined below:  • HUM101—Introduction to Humanities or  • PHL206—Ethics in Society or	STARS Area II	
Area IV Elective (3 credits)	3 credits	<ul> <li>SPA101—Introduction to Spanish I</li> <li>Select an Area IV Elective:         <ul> <li>PSY210—Human Growth and Development or</li> <li>SOC200—Introduction to Sociology or</li> <li>SOC210—Social Problems or</li> <li>ECO231—Principles of Macroeconomics I or</li> <li>ECO232—Principles of Microeconomics II or</li> <li>PSY210— Human Growth and Development ( pre. req. is PSY200) or</li> <li>SPH116—Introduction to Interpersonal Communication</li> </ul> </li> </ul>	STARS Area IV	
Area V Course STARS Alert!	6-9 Credits depending on Area V completion as of yet	STARS Alert!: Complete your Area V remaining course.  Complete any remaining Area V pre-professional classes still needed—See STARS. You will need anywhere from 6 to 9 credits, depending on how many Area V classes you have taken up to this point. In total, all students need at least 19 Area V credits in order to graduate and should NEVER exceed more than 23 credits in this area.  Complete a Degree Works and STARS Check. First, obtain a STARS REPORT to determine what Area V classes are still needed (that you must take). Then, login MyLawson and access your Degree Works map (and compare findings). Both your STARS and Degree Works map should match. If they do not, stop and seek advisement.  STARS "Area V" Viewing Directions: After accessing your STARS Report, scroll down to Area V section to view course listings. If some or none of the courses are listed, continue to scroll down until you reach the Area V Chart. Locate your Transfer College and Click in the Area V hyperlink (in the middle of the chart). This will take you to that college's Area V course listing. Review the list and select your Area V classes that you have not yet completed. Need help, seek advisement.	STARS Area V	
				/15
Total COM Credits for Degree Aw	· AA	Type of Degree Awarded: Associate of Arts Degree Program of Study: Liberal Arts Transferable Credit: Yes ( NOTE: "D" grades are not guaranteed to transfer. Check transfer institution. Transfer Policies vary per college. )		62

# Placement Guide and Tracking Sheet for English & Math

#### **IMPORTANT NOTE:** Understanding English and Math Placement:

If you graduated high school (within the last 5 years) or you have taken the ACT, you do not have to take a Placement Test in order to be placed in your English or math track at Lawson. Placement will be determined by how you performed in English IV and Algebra II in high school or your ACT score in English and math. If neither apply to you, you must take a Placement Exam at the College and be placed based on those results. Once placed, you MUST complete all required developmental and/or pre-requisite courses in order to register for MTH110 or MTH112 and ENG101. See your Advisor if you have additional questions about English and math tracks.

Developmental & Pre-Requisite
Tracks for English & Math
(Starting Points
Vary Per Student)

Math TRACKS: (varies per student)
MTH100 with MTH099 (support lab)
MTH110 with MTH109 (support lab)
\*MTH110 (does not require MTH100)
\*MTH112 (requires MTH100 unless placed into MTH112 directly).

English TRACKS: (varies per student) ENG101 with ENG099 (support lab) ENG101 (direct placement) Placement Tracks
vary per student.
Depends on test
scores & H.S. grades.
See an Advisor
for help

## Lawson State Community College—Associate in Arts Degree (AA) Course Sequence Guide (CSG)—Liberal Arts with MUSIC or MUSIC ED Concentration

Degree awarded is an Associate in Science Degree. This CSG outlines a Program of Study designed for transfer to a 4-year college. Students are responsible for following their STARS Agreement for transfer purposes (which is subject to change). Below is a recommended course sequence guide only. Courses

CAN BE taken out of sequence if so selected by the student and his/her advisor. Class offerings are not guaranteed. Students are encouraged to take Mini-terms to speed up course / degree completion rates. Students are also encouraged to take at least 15 credits hours per semester.

Developmental &	Pre-
Requisite Tracks for Eng	lish & Math
(Starting Points Vary Pe	er Student)

Math TRACKS: (varies per student
MTH098 🔲
MTH100 with MTH099 (lab)
MTH100 🔲
College Level:
MTH110 or MTH112 $\square$

English TRACKS: (varies per student)
ENR098
College Level:
ENG101 with ENG099 (lab)
ENG101

Check off each Dev. Track as completed. Starting points vary per student. See your Advisor if you need help.

### **IMPORTANT NOTE:** Understanding Your English and Math Placement at Lawson State

If you graduated high school (within the last 5 years) or you have taken the ACT, you do not have to take a Placement Test in order to be placed in your English or math track at Lawson. Placement will be determined by how you performed in English IV and Algebra II in high school or your ACT score in English and math. If neither apply to you, you must take a Placement Exam at the College and be placed based on those results. Once placed, you MUST complete all required Developmental and/or pre-requisite courses in order to register for MTH111 or MTH112 and ENG101 (if placed so accordingly). See your Advisor or visit the Advising Center if you have additional questions about English and math tracks.

Course Name	Credit Hours & Totals	Course Description and Guidance	STARS Cross- Reference ( by Area)	Track your progress.
		FIRST SEMESTER RECOMMENDED COURSE SEQUENCE		
ORI 101	1 credits	Freshman Orientation—ORI101	LSCC Requirement	
MTH 110 or MTH 112	3 credits	Pre-Calculus Algebra—MTH112 (**See "Advising Note" below)	Area III	
ENG101	3 credits	English Composition (Part I)—ENG101	Area I	
CIS146	3 credits	Microcomputer Applications—CIS146	LSCC Catalog Area V	
PED (Take 1 PE courses)	1 credit	Select one PED (Physical Education) course to take this term.	LSCC Catalog Area V	
MUS101	3 credits	Select Fine Arts course listed: Course Options  Music Appreciation—MUS101	Area II	
AREA V- MUL courses	3 credits	CHOIR: MUL 180, 181, 280, 281; MUL 111, 112, 113, 114; or Jazz Band courses: MUL 196, 197, 296, 297; <b>Recommended</b> : MUL 101 Beginning Class Piano I	Area V	
	eventually enroll and pass	e to enroll in MTH112 or ENG101 their first semester. Placement in these classes varies per student. However, rega MTH112 and ENG101 as part of this degree plan. Students not placing directly in MTH112 or ENG101 must complet f where you placed and follow the math or English track as listed above.		

**ADVISING NOTE** (1<sup>ST</sup> Semester)

**TERM 1 Total Credit Hours** 

/17

		SECOND SEMESTER (2S) RECOMMENDED COURSE SEQUENCE		
ENG102	3 credits	English Composition (Part II)—ENG102	Area I	
SPH 106 or 107	3 credits	Public Speaking—SPH107 OR Fundamentals of Oral Communication SPH 106	Area II	
PSY200	3 credits	General Psychology—PSY200	Area IV	
PED (Take 1 PE course)	1 credit	Select one PED (Physical Education) course to take this term.	LSCC Catalog Area V	
MUL courses	3 credits	Chorus MUL 180, 181, 280, 281; Class Voice: MUL 111, 112, 113, 114; or Jazz Band courses: MUL 196, 197, 296, 297; <b>Recommended</b> : Beginning Class Piano II (pre-req Class Piano I)	Area V	
HIS101 or HIS102 or HIS201 or HIS202 or HIS121 or HIS122	3 credits	Select one History course (3 credits.  Western Civilization History (Part I or Part II)—HIS101 or HIS102  United States History (Part I or Part II)—HIS201 or HIS202  World History (Part I or Part II)—HIS121 or HIS122  (**See "Advising Note" below for more information)	Area IV	
ADVISING NOTE (2 <sup>nd</sup> Semester)	remain the same. Types	is must complete a 6 credit hour sequence in either Literature or History (based on their choosing). If selecting a history (based on their choosing). If selecting a history is cannot be mixed. For example, if you take HIS101, to complete the sequence, you must take HIS102, etc And, althout of sequence. For example, you can take HIS202 before you take HIS201, etc.		
		TERM	2 Total Credit Hours	/16
		TERMI	- rotal cicale mouls	/10
		THIRD SEMESTER RECOMMENDED COURSE SEQUENCE	2 Total create Hours	/10
HIS102 or HIS201 or HIS202 or HIS121 or HIS122 <i>OR</i>	3 credits		Area IV Or Area V (if History Sequence is NOT selected)	716
HIS102 or HIS201 or HIS202 or HIS121 or HIS122 OR AREA V Course ENG251 or ENG252 or ENG261 or ENG262 or ENG271 or	3 credits 3 credits	THIRD SEMESTER RECOMMENDED COURSE SEQUENCE  Select a History Sequence (if you so choose). If not, a Literature Sequence must be completed next semester. If you are not selecting History this term, select an Area V class here. See "Advising Note 1" below for more info. History Course Options for Completion of Sequence:  • Western Civilization History (Part I or Part II)—HIS101 or HIS102  • United States History (Part I or Part II)—HIS201 or HIS202	Area IV <i>Or</i> Area V (if History Sequence	710
HIS102 or HIS201 or HIS202 or HIS121 or HIS122  OR AREA V Course ENG251 or ENG252 or ENG261 or ENG262 or ENG271 or ENG272		THIRD SEMESTER RECOMMENDED COURSE SEQUENCE  Select a History Sequence (if you so choose). If not, a Literature Sequence must be completed next semester. If you are not selecting History this term, select an Area V class here. See "Advising Note 1" below for more info. History Course Options for Completion of Sequence:  • Western Civilization History (Part I or Part II)—HIS101 or HIS102  • United States History (Part I or Part II)—HIS201 or HIS202  • World History (Part I or Part II)—HIS121 or HIS122  Select one Literature course (3 credits). See "Advising Note 2" below for more information.  • American Literature (Part I or Part II) —ENG251 or ENG252  • English Literature (Part I or Part II) —ENG261 or ENG262	Area IV Or Area V (if History Sequence is NOT selected)	710
HIS102 or HIS201 or HIS202 or HIS121 or HIS122 OR AREA V Course ENG251 or ENG252 or ENG261 or ENG271 or ENG272 BIO101 SOC200 or	3 credits	THIRD SEMESTER RECOMMENDED COURSE SEQUENCE  Select a History Sequence (if you so choose). If not, a Literature Sequence must be completed next semester. If you are not selecting History this term, select an Area V class here. See "Advising Note 1" below for more info. History Course Options for Completion of Sequence:  • Western Civilization History (Part I or Part II)—HIS101 or HIS102  • United States History (Part I or Part II)—HIS201 or HIS202  • World History (Part I or Part II)—HIS121 or HIS122  Select one Literature course (3 credits). See "Advising Note 2" below for more information.  • American Literature (Part I or Part II)—ENG251 or ENG252  • English Literature (Part I or Part II)—ENG261 or ENG262  • World Literature (Part I or Part II)—ENG271 or ENG272	Area IV Or Area V (if History Sequence is NOT selected) Area II	710
HIS101 or HIS102 or HIS201 or HIS202 or HIS121 or HIS122 OR AREA V Course ENG251 or ENG252 or ENG261 or ENG272 or ENG272 BIO101 SOC200 or PSY 210 MUL course	3 credits 4 credits	THIRD SEMESTER RECOMMENDED COURSE SEQUENCE  Select a History Sequence (if you so choose). If not, a Literature Sequence must be completed next semester. If you are not selecting History this term, select an Area V class here. See "Advising Note 1" below for more info. History Course Options for Completion of Sequence:  • Western Civilization History (Part I or Part II)—HIS101 or HIS102  • United States History (Part I or Part II)—HIS201 or HIS202  • World History (Part I or Part II)—HIS121 or HIS122  Select one Literature course (3 credits). See "Advising Note 2" below for more information.  • American Literature (Part I or Part II) —ENG251 or ENG252  • English Literature (Part I or Part II) —ENG261 or ENG262  • World Literature (Part I or Part II)—ENG271 or ENG272  • Introduction to Biology (Part I)—BIO101  • Introduction to Sociology—SOC200 or	Area IV Or Area V (if History Sequence is NOT selected) Area II	716



For this degree, students must complete a 6 credit hour sequence in either Literature or History (based on their choosing). If you are NOT completing a sequence in History and are opting to complete a Literature sequence instead (next semester), take 3 credits in your Area V area instead (this is very important). See your STARS guide to select the appropriate Area V class for this 3 credit requirement (this semester). If you need further assistance, see your Advisor in selecting the best class option here. Always check your STARS report for confirmation, for course requirements within degrees are subject to change.



Students must pass ENG101 and ENG102 with a grade of "C" or higher before attempting to enroll in any English Literature course. Also, students must complete a 6 credit hour sequence in either Literature or History. If selecting a Literature sequence, the type of Literature must remain the same. Types cannot be mixed. For example, if you elect to study World Literature and complete Part I, you must complete World Lit. Part II (or vice versa). You cannot mix types. However, English Literature courses can be taken out of sequence. Example: You can take ENG252 before taking ENG251, etc...

		TERM	1 3 Total Credit Hours	15-18
		FOURTH SEMESTER RECOMMENDED COURSE SEQUENCE		
BIO102	4 credits	Take the second part of the science (Part II) and finish your sequence:  • Introduction to Biology -pt 2—BIO102.	STARS Area III	
HUM101 or SPA101 or PHL206	3-4 credits	Select a Humanities Elective from the Course Options below:  Introduction to Humanities—HUM101 (3 credits)  Introductory Spanish I—SPA101 (4 credits)  Ethics & Society—PHL206 (3 credits)	STARS Area II	
PSY210	3 credits	Human Growth and Development—PSY210	STARS Area IV	
ENG251 or ENG252 or ENG261 or ENG262 or ENG271 or ENG272	3 credits	If you DID NOT complete a History Sequence, you MUST select a Literature Sequence (from the course options below). However, if you have already completed a History Sequence, select an Area V course instead for these 3 credits. See "Advising Note 2" below for more information.  Select one English Literature Course to take:  American Literature (Part I or Part II)—ENG251 or ENG252  English Literature (Part I or Part II)—ENG261 or ENG262  World Literature (Part I or Part II)—ENG271 or ENG272	STARS Area II	
MUL elective	1 credit	Chorus MUL 180, 181, 280, 281; Class Voice: MUL 111, 112, 113, 114; or Jazz Band courses: MUL 196, 197, 296, 297	STARS Area V	
MUL 113 & 114	4 credits	REQUIRED: Music Theory II & Music Theory LAB	STARS AREA V REQUIRED COURSE	
	<b>o</b> ,	nts must complete a 6 credit hour sequence in either Literature or History (based on their choosing). If you opted NOT t		<del></del> _

ADVISING NOTE 2
(4th Semester)

For this degree, students must complete a 6 credit hour sequence in either Literature or History (based on their choosing). If you opted NOT to complete a sequence in History, you MUST complete a Literature sequence. However, if you have already completed your History sequence, you need to complete an Area V course for these 3 credits instead. This is very important. See your STARS guide to select the appropriate Area V class for this 3 credit requirement (this semester). If you need further assistance, see your Advisor in selecting the best class option here. Always check your STARS report for confirmation, for course requirements within degrees are subject to change.

Total COMPLETED	Credits	for AS	Degree
Award:			

Type of Degree Awarded: Associate of Arts Degree Program of Study: Liberal Arts
Concentration MUSIC OR MUSIC EDUCATION

3 | Page (AS Degree)

/15-18

/62-63

**TERM 4 Total Credit Hours** 

## Lawson State—Pre-Nursing Course Sequencing Guide (Student Self-Advising Tool)

This guide is ONLY a recommendation. It outlines the required pre-requisite courses that Pre-Nursing students need to take prior to applying for admittance in the Nursing Program. Courses that have an \* identifier (below) indicate the course can be taken after being accepted into the Nursing Program. Before using this guide, always check Degree Works first to measure your progress towards degree completion and mark all classes completed. \*See Developmental Tracking Guide on last page.

Quick Guide: Pre-Nursing Pre-requisite courses check off.

ENG101	BIO202	ORI101
MTH100	*BIO220	*SPH107
BIO103	*PSY200	*HUM101 or ART100 or THR120 or MUS101
BIO201	*PSY210	**HPS103 and MTH186—**Recommended for Extra Points (not required courses)

\*NOTE: Can be enrolled in this course at the time of application

FIRST SEMESTER RECOMMENDED COURSE SEQUENCE						
Course Name/Type	Credit Hours	Course Description and Guidance	STARS Cross- Reference (by Area)	Track your progress		
ORI 101 or ORI 101T	1 credit	ORI101Freshman Orientation or ORI101T (for Transfer students with 12 or more credits)	LSCC Req'd (Catalog)			
ENG101	3 credits	<b>ENG101</b> —English Composition (Part I)  *This class is connected to points on the Nursing application: A=3 pts. B=2pts. C=1 pt.	STARS- Area I			
Humanities Elective	3 credits	Select one introductory Fine Arts course from the listing below:  • HUM101—Introduction to Humanities or ART100—Art Appreciation or  • MUS101—Music Appreciation or THR120—Theatre Appreciation	STARS Area II			
MTH100	3 credits	MTH100—Intermediate Algebra *This class is connected to points on the Nursing application: A=3 pts. B=2pts. C=1 pt.	STARS Area III			
BIO103	4 credits	Pre-Nursing majors have to take a series of Biology classes to include (BIO103, BIO201, BIO202 and BIO220). Complete the first Biology class in the series, <b>BIO103</b> .  • <b>BIO103</b> —Principles of Biology I (NOTE: Extra points awarded for this course)	STARS Area III			
PSY200	3 credits	PSY200General Psychology	STARS Area IV			

TERM 1 Total Credit Hours /17

SECOND SEMESTER RECOMMENDED COURSE SEQUENCE						
Course Name/Type	Credit Hours	Course Description and Guidance	STARS Cross- Reference (by Area)	Track your progress		
SPH107	3 credits	SPH107—Public Speaking or SPH106—Fundamentals of Oral Communication	STARS Area II			
	8 credits	Directions: Decide on what Pre-Nursing Track you intend to follow (regular track or fast track) and make your course selections below based on that track. Only Select ONE Option.				
	or curts	OPTION 1: REGULAR TRACK: Pre-Nursing majors have to take a series of Biology classes to include (BIO103, BIO201, BIO202 and BIO220). For the regular tracked student, Complete the 2 <sup>nd</sup> Biology class in the series (BIO201), and take MTH186—Medical Dosage Calculations				
Science and Health Professions Elective		<ul> <li>BIO201—Anatomy &amp; Physiology I and</li> <li>*This class is connected to points on the Nursing application: A=3 pts. B=2pts. C=1 pt.</li> <li>MTH186—Medical Dosage Calculations (NOTE: MTH186 is not a required course, but Pre-Nursing students gain extra points when applying to the nursing program if they do take it. Thus, all Pre-Nursing majors are strongly encouraged to take this class).</li> </ul>	STARS Area III			
		OPTION 2: FAST TRACK: Pre-Nursing majors have to take a series of Biology classes to include (BIO103, BIO201, BIO202 and BIO220) in order to apply for the Nursing Program. For Fast Tracked students (those wishing to apply to the Nursing Program as fast as possible), complete TWO science classes in ONE Term. Complete BIO201 and BIO202 in the same term by taking Mini-term classes. Take BIO201 in Mini-term 1 and take BIO202 in Mini-term 2. **Only select this option if you excel in Science and find the subject easy to understand. If not, select Option 1.				
		<ul> <li>BIO201—Anatomy &amp; Physiology I and</li> <li>BIO202—Anatomy &amp; Physiology II</li> </ul>				
PSY210	3 credits	PSY210—Abnormal Psychology	STARS Area IV			
Area I-V Electives	3	<b>OPTIONAL:</b> Work towards building your transfer credit. Run a <b>Nursing STARS Report</b> , and select 1 class listed under <b>Areas I-IV</b> and take. These classes, while not pre-requisites, to enter the <b>Nursing Program</b> , are classes that so a transfer to and will apply towards a 4 year degree in				
STARS Alert!	Credits OPTIONAL	the Nursing Program, are classes that can transfer to and will apply towards a 4-year degree in Nursing. If you have plans to eventually secure a 4-year nursing degree, you are being advised to enroll in an Area I-V class. See STARS.	STARS Area I-IV			



For Accelerated Tracked Students ONLY: Once you completed your 2<sup>nd</sup> Term of classes and grades have been distributed, you are eligible to apply to the Nursing Program. Please note that you must enroll in **BIO220** in the upcoming term (and pass this class), if you are accepted. Also, applying this early does have one disadvantage, you have not taken any electives (e.g., HPS103 or MTH186) that would garner additional points towards being accepted into the program, so consider this before applying. If you do not get accepted the first time you apply, just continue to follow this guide and work towards gaining additional points via targeted electives. **NOTE:** *Meeting minimal qualifications does not quarantee acceptance into the Lawson State Nursing Program.* 

**TERM 2 Total Credit Hours** 

/14-17

<b>THIRD SEME</b>	STED DECOM	MATERIDED		E SEOI	IENCE
I HIND SEIVIE	STER RECUIV	MINICINDED	COURS	E SEUI	DENCE

Course Name/Type	Credit Hours	Course Description and Guidance	STARS Cross- Reference (by Area)	Track your progress
Biology Options (per Track)	4 credits	Select Your Biology Class Based on Your Current Track (Accelerated or Regular (Non-Accelerated) Track:  OPTION 1: REGULAR TRACK: Since you have already completed BIO103 and BIO201, complete BIO202  • BIO202—Anatomy & Physiology II  *This class is connected to points on the Nursing application: A=3 pts. B=2pts. C=1 pt.	STARS Area III	
		<ul> <li>OPTION 2: FAST TRACK: Even if you have been accepted into Nursing Program, you MUST enroll in BIO220 and pass it.</li> <li>BIO220—Microbiology         *Failing BIO220 can void your Nursing Program acceptance. You must pass this class.     </li> </ul>		
Pre- Nursing Electives (Recommended)	6 credits	Select Your Elective Classes Based on Your Current Track (Accelerated or Regular (Non-Accelerated) Track:  OPTION 1: REGULAR TRACK: Since you have already completed BIO103 and BIO201, complete BIO202 and enroll in MTH186  • HPS103—Foundation Competencies for Health Sciences  NOTE: HPS103 is not a required course, but Pre-Nursing students gain extra points when applying to the nursing program if they do take it. Thus, all Pre-Nursing majors are strongly encouraged to take this class.  • BIO120—Medical Terminology  NOTE: BIO120 is not required, but is a strongly recommended elective to take as a Pre-Nursing student.  OPTION 2: FAST TRACK: If you were not accepted into the Nursing Program (after your Term 2 course completions), enroll in the following two elective classes to garner more points that can be applied when you apply again.  • HPS103—Foundation Competencies for Health Sciences  • MTH186—Medical Dosage Calculations  NOTE: HPS103 and MTH186 are not required courses. However, additional points are given (towards your application) when applying to the Nursing Program. Thus, all Pre-Nursing majors are strongly encouraged to take these classes and secure the extra points.	Electives	
Area I-V Electives STARS Alert!	3-6 Credits OPTIONAL	OPTIONAL (FOR ALL TRACKS): If you are waiting to apply to the Nursing Program, or you were not accepted (but you are planning to re-apply), run a Nursing STARS Report, and select any classes listed under Areas I-V and complete them (up to 6 credits). These classes, while not prerequisites, to enter the Nursing Program, are classes that can transfer to and will apply towards a 4-year degree in Nursing. Do NOT use this option if you are low on financial funds or if you never intend to secure a 4-year Nursing degree. *Note: Students must enroll in 12 credits to be considered full-time.	STARS Area I-IV	



For Regular Tracked Students ONLY: Once you completed your 3<sup>ro</sup> Term of classes and grades have been distributed, you are eligible to apply to the Nursing Program. Please note that you must enroll in **BIO220** in the upcoming term (and pass this class), if you are accepted. Also, applying this early does have one disadvantage, you have not taken any electives (e.g., HPS103 or MTH186) that would garner additional points towards being accepted into the program, so consider this before applying. If you do not get accepted the first time you apply, just continue to follow this guide and work towards gaining additional points via targeted electives. **NOTE:** *Meeting minimal qualifications does not guarantee acceptance into the Lawson State Nursing Program.* 

**TERM 3 Total Credit Hours** 

/10-16

\*Note: Students must enroll in 12 credits to be considered full-time.

	FOURTH SEMESTER RECOMMENDED COURSE SEQUENCE						
Course Name/Type	Credit Hours	Course Description and Guidance	STARS Cross- Reference (by Area)	Track your progress			
BIO220	4 credits	FOR REGULAR NURSING TRACKED STUDENTS: Even if you have already been accepted into Nursing Program, you MUST enroll in BIO220 and pass it.  • BIO220—Microbiology  *Failing BIO220 can void your Nursing Program acceptance. You must pass this class.					
Area I-V Electives STARS Alert!	8-11 Credits OPTIONAL	OPTIONAL (FOR ALL TRACKS): If you are waiting to apply to the Nursing Program, or you were not accepted (but you are planning to re-apply), run a Nursing STARS Report, and select any classes listed under Areas I-V and complete them. These classes, while not pre-requisites, to enter the Nursing Program, are classes that can transfer to and will apply towards a 4-year degree in Nursing. Do NOT use this option if you are low on financial funds or if you never intend to secure a 4-year Nursing degree. *Note: Students must enroll in 12 credits to be considered full-time	STARS Area I-IV				

If you have <u>NOT</u> been accepted into the Nursing Program at this stage, you do have other options.

#### Consider the following:

- 1. Consider applying to the DMS Program (Diagnostic Medical Sonography) or
- 2. Consider applying to the Radiology Technology Program or
- 3. Consider applying to the Dental Program or
- 4. Reapply to the Nursing Program or
- 5. Change your major to Biology and complete that 2-year degree and transfer to a 4-year college.
- 6. Finish the Pre-Nursing (*Nursing* degree) outlined under STARS; secure your 2-year transferable degree and transfer to a 4-year college and complete your BSN (Bachelor of Science in Nursing).
- 7. If none of these six options are appealing to you, consider applying to another Nursing Program within the Alabama Community College System or beyond the state.

**NOTE:** If you are intending to apply to another Health Professions Program, be sure to view the pre-requisites and use this semester to complete any remaining courses. See a Health Professions advisor (within that specific discipline/area) if you need more information. You can also email us at: **NursingQuestions@lawsonstate.edu** 

#### **TERM 4 Total Credit Hours**

\*Note: Students must enroll in 12 credits to be considered full-time

/4-15



# Placement Guide and Tracking Sheet for English & Math

#### **IMPORTANT NOTE:** Understanding English and Math Placement:

If you graduated high school (within the last 5 years) or you have taken the ACT, you do not have to take a Placement Test in order to be placed in your English or math track at Lawson. Placement will be determined by how you performed in English IV and Algebra II in high school or your ACT score in English and math. If neither apply to you, you must take a Placement Exam at the College and be placed based on those results. Once placed, you MUST complete all required developmental and/or pre-requisite courses in order to register for MTH110 or MTH112 and ENG101. See your Advisor if you have additional questions about English and math tracks.

Developmental & Pre-Requisite
Tracks for English & Math
(Starting Points
Vary Per Student)

Math TRACKS: (varies per student)
MTH100 with MTH099 (support lab)
MTH110 with MTH109 (support lab)
\*MTH110 (does not require MTH100)
\*MTH112 (requires MTH100 unless placed into MTH112 directly).

English TRACKS: (varies per student) ENG101 with ENG099 (lab) ENG101 Review the Tracks.
Starting points
vary per student.
Placement is based on
your H.S. grades and
test scores. See an
Advisor for help.

# Lawson State Community College—Associate of Arts Degree (AA) Course Sequence Guide (CSG)--General Studies – Social Work Degree awarded is an Associate in Science Degree in General Studies. This CSG outlines an Criminal Justice transfer track aligned to follow the

Degree awarded is an Associate in Science Degree in General Studies. This CSG outlines an Criminal Justice transfer track aligned to follow the STARS Agreement for transfer purposes only (subject to change). Courses can be taken out of sequence if so selected by the student and his/her advisor. Class offerings are not guaranteed. Below is a recommended course sequence. Take Mini-terms to speed up course / degree completion rates.

Course Name	Credit Hours & Totals	Course Description and Guidance	STARS Cross- Reference Guide (by Area)	Track your progress.
	FIRST SEN	MESTER RECOMMENDED COURSE SEQUENCE		
ORI 101	1 credit	Freshman Orientation—ORI101	LSCC Requirement Catalog	
MTH100 (pre-req)	3 Pre- req.	Intermediate Algebra—MTH100 (pre-req. for MTH110 and MTH112)  **Students must meet the eligibility requirements before enrolling in MTH100 (i.e., appropriate ACT or Entrance Exam score). If not, students should enroll in the appropriate support lab course (MTH099).  Note: Students can also test out of MTH100 if their test scores warrant. Placement varies per student. Have questions, see your advisor.	STARS Area III	
ENG101	3 credits	English Composition (Part I)—ENG101  NOTE: Students must meet the eligibility requirements before enrolling in ENG101 (i.e., appropriate ACT or Entrance Exam score). If not, the student should enroll in the appropriate support lab course (ENG099).  Note: There is no opt out feature available for ENG101. Have questions, see your advisor.	STARS Area I	
CIS146	3 credits	Microcomputer Applications—CIS146	LSCC Catalog Area V	
ART100 or MUS101 or THR120	3 credits	Select one introductory Fine Arts course listed: Art Appreciation—ART100 Music Appreciation—MUS101 Introduction to Theater—THR120	STARS Area II	
SWT/HUS	3	Select one SWT/HUS course listed  SWT 109,130,131 or 133  HUS 101, 109, 211, 222, 224 or 225	LSCC Catalog Area V	
CREDIT TOTA	AL 16 (Teri	m 1). *The Term 1 credit total does not count MTH100 (for it is pre-req. course)		/*16
	SECOND S	SEMESTER RECOMMENDED COURSE SEQUENCE		
ENG102	3 credits	English Composition (Part II)—ENG102	STARS Area I	
SPH107	3 credits	Public Speaking—SPH107	STARS Area II	
MTH110 or MTH112	3 credits	Select the correct math course according to your STARS Guide (from below).  Finite Mathematics—MTH110 or  Pre-Calculus Algebra—MTH112  NOTE: MTH110 and MTH112 has a pre-requisite requirement of MTH100  (with a grade of "C" or higher) or an appropriate ACT score or placement test score. Again, review your STARS guide to select the correct course.	STARS Area III	
PSY200	3	General Psychology—PSY200	STARS	

	credits		Area IV	
HIS101 or HIS201 or HIS121 Select Part 1 of the history	3 credits	Take your first history course (Part I). Then in an upcoming semester (4 <sup>th</sup> semester), select your 2nd history course and complete the series (i.e., HIS101 & HIS102 or HIS201 & HIS202 or HIS121 & HIS122). Or, opt to take Mini-terms to complete the series faster in one semester, if available).  NOTE: History courses MUST be taken as a series (completed couple) and cannot be mixed. In other words, you cannot take HIS101 and then HIS202. You MUST complete the correct and sequential history pairing (HIS101 & HIS102, etc).  Select ONE history course from the listing below.	STARS Area IV	
series		Western Civilization History (Part I)—HIS101 or United States History (Part I)—HIS201 or World History (Part I)—HIS121		
CREDIT TOTA	AL 15 (Tern	n 2)		/15
	THIRD SE	MESTER RECOMMENDED COURSE SEQUENCE		
HIS102 or HIS202 or HIS122 Select Part 2 of the history series	3 credits	Take the second part of history (Part II) and finish your sequence (i.e., HIS101 & HIS102, HIS201 & HIS202 or HIS121 & HIS122). DO NOT MIX HISTORY TYPES.  Complete the series. Select ONE Part II history course from the listing below to complete your sequence.  Western Civilization History (Part II)—HIS102 or United States History (Part II)—HIS202 or World History (Part II)—HIS122	STARS Area IV	
PED (Take 2 PE courses)	1 credit per course (2)	Select two PED (Physical Education) courses to take this term. Recommendation: Take one during Mini-term 1 and the other during Mini-term 2, if possible.	LSCC Catalog Area V	
BIO101 or CHM104 or PHS111 Select Part 1 of the science series	4 credits	Take your first science course (Part I). Then, next semester, select your 2nd science course and complete the series (i.e., BIO101 & BIO102 or CHM104 & CHM105 or PHS111 & PHS112). Or, opt to take Mini-terms to complete the series faster in one semester, if available).  NOTE: Science courses MUST be taken as a series (completed couple) and cannot be mixed. In other words, you cannot take BIO101 and then CHM105. You MUST complete the correct and sequential science pairing (BIO101 & BIO102, etc).  Select ONE Part I science course from the listing below.  General Biology (Part I)—BIO101 or Introduction to Inorganic Chemistry (Part I)—CHM104 or Physical Science (Part I)—PHS111	STARS Area III	
ENG251 or ENG261 or ENG271 Select Part 1 of the Lit. series	3 credits	Take your first literature course (Part I). Then next semester, select your 2nd literature course and complete the series (i.e., ENG251 & ENG252 or ENG261 & ENG262 or ENG271 & ENG272). Or, opt to take Mini-terms to complete the series faster in one semester, if available).  NOTE: Literature courses MUST be taken as a series and cannot be mixed. In other words, you cannot take ENG251 (World Lit) and then ENG271 (English Lit). You MUST complete the correct and sequential literature pairing (ENG261 & ENG262, etc). Also, students cannot enroll in any literature class unless they have passed ENG101 and ENG102 with a grade of "C" or higher.  Select ONE Part I literature course from the listing below.  American Literature (Part I)-ENG251 English Literature (Part I)-ENG261 World Literature (Part I)—ENG271	STARS Area II	

	1			
	3	Introduction to Social Work	STARS	
SWT/HUS	credits	<b>Note:</b> Run a STARS Guide to select your next Area V course. Select your correct	Area V	
,		transfer college.		
		Š		
	3	Introduction to Social Work	STARS	
SWT/HUS	credits	<b>Note:</b> Run a STARS Guide to select your next Area V course. Select your correct	Area V	
		transfer college.		
		transfer conege.		/40
				/18
	FOURTH S	SEMESTER RECOMMENDED COURSE SEQUENCE		
		·		
ENG252				
ENG252 or		SELECT from one course from the course options listed (on your left). Science, Social		
ENG262 or		Science and Criminal Justice related majors are encouraged to enroll in PHL206		
ENG272		(Ethics in Society).		
	3	(Ethics in Society).		
	credits			
		Complete your Lit. series. Take the second part of literature (Part II) and finish your	STARS	
Or		sequence (i.e.,ENG251 & ENG252 or ENG261& ENG262 or ENG271 & ENG272). DO	Area II	
O.		NOT MIX LITERATURE TYPES. Complete the series.	Alcali	
		American Literature (Part II)-ENG252 or		
		English Literature (Part II)-ENG262 or		
		World Literature (Part II)—ENG272		
HUM101 or	3	World Literature (Fart II)—LIVG272		
SPA101 or	credits			
PHL206	each	Introduction to Humanities—HUM101		
		Introduction to Spanish I—SPA101		
		Ethics & Society—PHL206		
BIO102 or		Take the second part of the science (Part II) and finish your sequence (i.e., BIO101 &		
CHM105 or		BIO102, CHM104 & CHM105 or PHS111 & PHS112). DO NOT MIX SCIENCE TYPES.		
PHS112		Complete the series.	STARS	
PH3112	4		Area III	
	credits	Select <b>ONE Part II science</b> course from the listing below to complete your series.		
Select Part		General Biology (Part II)—BIO102 or		
1 of the		Introduction to Organic Chemistry (Part II)—CHM105 or		
science		Physical Science (Part II)—PHS112		
series		r nysical science (rait ii)—rnst12		
DCV240	2	Human Crauth and Davidanment DCV24C		
PSY210 or	3	Human Growth and Development—PSY210 or		
SOC200	credits	Introduction to Sociology—SOC200	STARS	
			Area IV	
	3	Run a STARS Guide to select your next Area V course. Select your correct	STARS	
PSR 260	credits	transfer college.	Area V	
	3	ECO 231 - 3 Credits - Principles of Macroeconomics		
ECO				
CREDIT TOTA	1 16 (Torm	4)		/16
	r to ( i.e.m	· */		/10
Total		Turns of Degree Assessing Accessing of Colores Berney		
COMPLETED		Type of Degree Awarded: Associate of Science Degree		
Credits for		Program of Study: General Studies		160
AS Degree	CE	Transfer Track: Criminal Justice (as recognized by STARS)		/62
Award:	65			

Every transferring college, may have unique requirements listed under Area V. Thus, follow your STARS Guide before you attempt to follow any degree plan listed. See the back of catalog for step-by-step instructions for completing a STARS Guide.

# Lawson State Community College—Associate in Arts Degree (AA) Course Sequence Guide (CSG)—Liberal Arts with SPEECH/COMMUNICATIONS Concentration Degree awarded is an Associate in Science Degree. This CSG outlines a Program of Study designed for transfer to a 4-year college. Students are responsible

for following their STARS Agreement for transfer purposes (which is subject to change). Below is a recommended course sequence guide only. Courses

CAN BE taken out of sequence if so selected by the student and his/her advisor. Class offerings are not guaranteed. Students are encouraged to take Mini-terms to speed up course / degree completion rates. Students are also encouraged to take at least 15 credits hours per semester.

Developmental &	Pre-
<b>Requisite Tracks for Eng</b>	lish & Math
(Starting Points Vary Pe	er Student)

Math TRACKS: (varies per student) MTH098	English TRACKS: (varies per student)  ENR098  College Level:  ENG101 with ENG099 (lab)  ENG101	Check off each Dev. Track as completed. Starting points vary per student. See your Advisor if you need help.
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#### **IMPORTANT NOTE:** Understanding Your English and Math Placement at Lawson State

If you graduated high school (within the last 5 years) or you have taken the ACT, you do not have to take a Placement Test in order to be placed in your English or math track at Lawson. Placement will be determined by how you performed in English IV and Algebra II in high school or your ACT score in English and math. If neither apply to you, you must take a Placement Exam at the College and be placed based on those results. Once placed, you MUST complete all required Developmental and/or pre-requisite courses in order to register for MTH111 or MTH112 and ENG101 (if placed so accordingly). See your Advisor or visit the Advising Center if you have additional questions about English and math tracks.

Course Name	Credit Hours & Totals	Course Description and Guidance	STARS Cross- Reference ( by Area)	Track your progress.
		FIRST SEMESTER RECOMMENDED COURSE SEQUENCE		
ORI 101	1 credits	Freshman Orientation—ORI101	LSCC Requirement	
MTH 110 or MTH 112	3 credits	MTH 110 Finite Mathematics OR MTH 112 Pre-Calculus Algebra (**See "Advising Note" below)	Area III	
ENG101	3 credits	English Composition (Part I)—ENG101	Area I	
SPH 106	3 credits	SPH 106 Fundamentals of Oral Communication	LSCC Catalog Area V	
PED (Take 1 PE courses)	1 credit	Select one PED (Physical Education) course to take this term.	LSCC Catalog Area V	
ART100 or MUS101 or THR120	3 credits	Select Fine Arts course listed: Course Options	Area II	
AREA V- CIS 146	3 credits	Microcomputer Applications—CIS146	Area V	
	Not all students will eligib	e to enroll in MTH112 or FNG101 their first semester. Placement in these classes varies per student. However, re	gardless of placement all s	tudents must

ADVISING NOTE
(1<sup>ST</sup> Semester)

Not all students will eligible to enroll in MTH112 or ENG101 their first semester. Placement in these classes varies per student. However, regardless of placement, all students must eventually enroll and pass MTH112 and ENG101 as part of this degree plan. Students not placing directly in MTH112 or ENG101 must complete any pre-requisite tracks (listed above) before enrolling. Check off where you placed and follow the math or English track as listed above.

TERM 1 Total Credit Hours

/17

		SECOND SEMESTER (2S) RECOMMENDED COURSE SEQUENCE		
ENG102	3 credits	English Composition (Part II)—ENG102	Area I	
SPH 107	3 credits	Public Speaking—SPH107	Area II	
PSY200	3 credits	General Psychology—PSY200	Area IV	
PED (Take 1 PE course)	1 credit	Select one PED (Physical Education) course to take this term.	LSCC Catalog Area V	
AREA V electives	3 credits	Check STARS guide for options – total of 9 general studies (Area I-IV) electives required	Area V	
HIS101 or HIS102 or HIS201 or HIS202 or HIS121 or HIS122	3 credits	Select one History course (3 credits.  • Western Civilization History (Part I or Part II)—HIS101 or HIS102  • United States History (Part I or Part II)—HIS201 or HIS202  • World History (Part I or Part II)—HIS121 or HIS122  (**See "Advising Note" below for more information)	Area IV	
	For this degree, students	must complete a 6 credit hour sequence in either Literature or History (based on their choosing). If selecting a history	ry sequence, the type of hi	istory must



For this degree, students must complete a 6 credit hour sequence in either Literature or History (based on their choosing). If selecting a history sequence, the type of history must remain the same. Types cannot be mixed. For example, if you take HIS101, to complete the sequence, you must take HIS102, etc... And, although you cannot mix course types, history courses can be taken out of sequence. For example, you can take HIS202 before you take HIS201, etc.

		TERM	2 Total Credit Hours	/16
		THIRD SEMESTER RECOMMENDED COURSE SEQUENCE		
HIS101 or HIS102 or HIS201 or HIS202 or HIS121 or HIS122 OR AREA V Course	3 credits	Select a History Sequence (if you so choose). If not, a Literature Sequence must be completed next semester. If you are not selecting History this term, select an Area V class here. See "Advising Note 1" below for more info. History Course Options for Completion of Sequence:  • Western Civilization History (Part I or Part II)—HIS101 or HIS102  • United States History (Part I or Part II)—HIS201 or HIS202  • World History (Part I or Part II)—HIS121 or HIS122	Area IV Or Area V (if History Sequence is NOT selected)	
ENG251 or ENG252 or ENG261 or ENG262 or ENG271 or ENG272	3 credits	Select one Literature course (3 credits). See "Advising Note 2" below for more information.  • American Literature (Part I or Part II) —ENG251 or ENG252  • English Literature (Part I or Part II) —ENG261 or ENG262  • World Literature (Part I or Part II)—ENG271 or ENG272	Area II	
BIO101	4 credits	Introduction to Biology (Part I)—BIO101 (or other Science: PHS 111/112 or CHM 104)	Area III	
SOC200 or PSY 210	3 credits	<ul> <li>Introduction to Sociology—SOC200 or</li> <li>Human Growth and Development PSY 210</li> </ul>	Area IV	
SPH 116	3 credits	SPH 116 Interpersonal Communications	Area V	
	For this degree, student	ts must complete a 6 credit hour sequence in either Literature or History (based on their choosing). <u>I<b>f you are NOT</b> com</u>	pleting a sequence in His	story and are

ADVISING NOTE 1
(3rd Semester)

opting to complete a Literature sequence in either Literature or History (based on their choosing). If you are NOT completing a sequence in History and are opting to complete a Literature sequence instead (next semester), take 3 credits in your Area V area instead (this is very important). See your STARS guide to select the appropriate Area V class for this 3 credit requirement (this semester). If you need further assistance, see your Advisor in selecting the best class option here. Always check your STARS report for confirmation, for course requirements within degrees are subject to change.



**Total COMPLETED Credits for AS Degree** 

Award:

Students must pass ENG101 and ENG102 with a grade of "C" or higher before attempting to enroll in any English Literature course. Also, students must complete a 6 credit hour sequence in either Literature or History. If selecting a Literature sequence, the type of Literature must remain the same. Types cannot be mixed. For example, if you elect to study World Literature and complete Part I, you must complete World Lit. Part II (or vice versa). You cannot mix types. However, English Literature courses can be taken out of sequence. Example: You can take ENG252 before taking ENG251, etc...

		TERN	A 3 Total Credit Hours	/16
		FOURTH SEMESTER RECOMMENDED COURSE SEQUENCE		
	4 credits	Take the second part of the science (Part II) and finish your sequence:	STARS	
BIO102		<ul> <li>Introduction to Biology -pt 2—BIO102.</li> </ul>	Area III	
		PHS 112 Physical Science II		
		CHM 105 Intro to Organic Chemistry		
		Check STARS for other options		
HUM101 or	3-4 credits	Select a Humanities Elective from the Course Options below:	STARS	
SPA101 or		<ul> <li>Introduction to Humanities—HUM101 (3 credits)</li> </ul>	Area II	
PHL206		<ul> <li>Introductory Spanish I—SPA101 (4 credits)</li> </ul>		
		Ethics & Society—PHL206 (3 credits)		
PSY210	3 credits	Human Growth and Development—PSY210	STARS	
731210		Trainan Growth and Development—r 31210	Area IV	
	3 credits	If you DID NOT complete a History Sequence, you MUST select a Literature Sequence (from the course options	STARS	
ENG251 or		below). However, if you have already completed a History Sequence, select an Area V course instead for these 3	Area II	
ENG252 or ENG261 or		credits. See "Advising Note 2" below for more information.		
ENG262 or				
ENG271 or		Select one English Literature Course to take:		
ENG272		American Literature (Part I or Part II)—ENG251 or ENG252		
		• English Literature (Part I or Part II)—ENG261 or ENG262		
		World Literature (Part I or Part II)—ENG271 or ENG272		
STARS Area V elective	3 credits	Complete the 9 hours of General Studies electives (Areas I-IV) for STARS Area V to graduate	STARS AREA V	
	For this degree, student	s must complete a 6 credit hour sequence in either Literature or History (based on their choosing). If you opted NOT	to complete a sequence in	History, you
		ture sequence. However, if you have already completed your History sequence, you need to complete an Area V c		
	very important. See yo	ur STARS guide to select the appropriate Area V class for this 3 credit requirement (this semester). If you need further	assistance, see your Advis	or in selecting
ADVISING NOTE 2 (4 <sup>th</sup> Semester)	the best class option he	re. Always check your STARS report for confirmation, for course requirements within degrees are subject to change.		
		TERM	/ 4 Total Credit Hours	/16-17

Type of Degree Awarded: Associate of Arts Degree

Concentration SPEECH/COMMUNICATION STUDIES

Program of Study: Liberal Arts

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/62-63

## Lawson State Community College—Associate in Arts Degree (AA) Course Sequence Guide (CSG)—Liberal Arts with Theatre Concentration

Degree awarded is an Associate in Science Degree. This CSG outlines a Program of Study designed for transfer to a 4-year college. Students are responsible for following their STARS Agreement for transfer purposes (which is subject to change). Below is a recommended course sequence guide only. Courses sequence if so selected by the student and his /her advisor. Class offerings are not guaranteed. Students are encouraged to take Mini-terms to speed up course / degree com

CAN BE taken out of sequence if so selected by the student and his/her advisor. Class offerings are not guaranteed. Students are encouraged to take Mini-terms to speed up course / degree completion rates. Students are also encouraged to take at least 15 credits hours per semester.

Developmental 8	<u> </u>	Pre-
Requisite Tracks for I	English	& Math
(Starting Points Vary	y Per S	tudent)

3 credits

**ENG102** 

Math TRACKS: (varies per student)
MTH098 🔲
MTH100 with MTH099 (lab)
MTH100 🔲
College Level:
MTH110 or MTH112

English TRACKS: (varies per student) ENR098
College Level:
ENG101 with ENG099 (lab)
ENG101

Check off each Dev. Track as completed. Starting points vary per student. See your Advisor if you need help.

### **IMPORTANT NOTE:** Understanding Your English and Math Placement at Lawson State

English Composition (Part II)—ENG102

If you graduated high school (within the last 5 years) or you have taken the ACT, you do not have to take a Placement Test in order to be placed in your English or math track at Lawson.

Placement will be determined by how you performed in English IV and Algebra II in high school or your ACT score in English and math. If neither apply to you, you must take a Placement Exam at the College and be placed based on those results. Once placed, you MUST complete all required Developmental and/or pre-requisite courses in order to register for MTH111 or MTH112 and ENG101 (if placed so accordingly). See your Advisor or visit the Advising Center if you have additional questions about English and math tracks.

Course Name	Credit Hours & Totals	Course Description and Guidance	STARS Cross- Reference ( by Area)	Track your progress.			
FIRST SEMESTER RECOMMENDED COURSE SEQUENCE							
ORI 101	1 credits	Freshman Orientation—ORI101	LSCC Requirement				
MTH 110 or MTH 112	3 credits	MTH 110 Finite Mathematics OR MTH 112 Pre-Calculus Algebra (**See "Advising Note" below)	Area III				
ENG101	3 credits	English Composition (Part I)—ENG101	Area I				
PSY200	3 credits	General Psychology—PSY200	Area IV				
THR120	3 credits	Select Fine Arts course listed: Course Options  THR120—Theatre Appreciation (required for THR concentration)	Area II				
AREA V- CIS 146	3 credits	Microcomputer Applications—CIS146	Area V				
PED (Take 1 PE course)	1 credit	Select one PED (Physical Education) course to take this term.	LSCC Catalog Area V				
ADVISING NOTE (1st Semester)	Not all students will eligible to enroll in MTH112 or ENG101 their first semester. Placement in these classes varies per student. However, regardless of placement, all seventually enroll and pass MTH112 and ENG101 as part of this degree plan. Students not placing directly in MTH112 or ENG101 must complete any pre-requisite tracks before enrolling. Check off where you placed and follow the math or English track as listed above.						
TERM 1 Total Credit Hours							
SECOND SEMESTER (2S) RECOMMENDED COURSE SEQUENCE							

Area I

SPH 106 or 107	3 credits	SPH 106 Fundamentals of Oral Communication or Public Speaking—SPH 107	Area II				
PSY200	3 credits	General Psychology—PSY200	Area IV				
PED (Take 1 PE course)	1 credit	Select one PED (Physical Education) course to take this term.	LSCC Catalog Area V				
AREA V THR courses	3 credits	THR 241 Voice for the Stage (3 credits)	Area V				
HIS101 or HIS102 or HIS201 or HIS202 or HIS121 or HIS122		Select one History course (3 credits.  • Western Civilization History (Part I or Part II)—HIS101 or HIS102  • United States History (Part I or Part II)—HIS201 or HIS202  • World History (Part I or Part II)—HIS121 or HIS122  (**See "Advising Note" below for more information)  must complete a 6 credit hour sequence in either Literature or History (based on their choosing). If selecting a history					
ADVISING NOTE (2 <sup>nd</sup> Semester)							
(E Scillester)		TERM	I 2 Total Credit Hours	/16			
		THIRD SEMESTER RECOMMENDED COURSE SEQUENCE					
HIS101 or HIS102 or HIS201 or HIS202 or HIS121 or HIS122  OR AREA V Course	3 credits	Select a History Sequence (if you so choose). If not, a Literature Sequence must be completed next semester. If you are not selecting History this term, select an Area V class here. See "Advising Note 1" below for more info. History Course Options for Completion of Sequence:  • Western Civilization History (Part I or Part II)—HIS101 or HIS102  • United States History (Part I or Part II)—HIS201 or HIS202  • World History (Part I or Part II)—HIS121 or HIS122	Area IV Or Area V (if History Sequence is NOT selected)				
ENG251 or ENG252 or ENG261 or ENG262 or ENG271 or ENG272	3 credits	Select one Literature course (3 credits). See "Advising Note 2" below for more information.  • American Literature (Part I or Part II) — ENG251 or ENG252  • English Literature (Part I or Part II) — ENG 261 or ENG262  • World Literature (Part I or Part II) — ENG271 or ENG272	Area II				
BIO101	4 credits	Introduction to Biology (Part I)—BIO101 (or other Science: PHS 111/112 or CHM 104 – see STARS)	Area III				
SOC200 or PSY 210	3 credits	<ul> <li>Introduction to Sociology—SOC 200 or</li> <li>Human Growth and Development PSY 210</li> </ul>	Area IV				
Area V - THR 131	3 credits	THR 131 Acting Techniques I	Area V				
ADVISING NOTE 1 (3 <sup>rd</sup> Semester)	For this degree, students must complete a 6 credit hour sequence in either Literature or History (based on their choosing). If you are NOT completing a sequence in History and are opting to complete a Literature sequence instead (next semester), take 3 credits in your Area V area instead (this is very important). See your STARS guide to select the appropriate Area V class for this 3 credit requirement (this semester). If you need further assistance, see your Advisor in selecting the best class option here. Always check your STARS report for confirmation, for course requirements within degrees are subject to change.  Students must pass ENG101 and ENG102 with a grade of "C" or higher before attempting to enroll in any English Literature course. Also, students must complete a 6 credit hour						
ADVISING NOTE 2 (3rd Semester)	sequence in either Literature or History. If selecting a Literature sequence, the type of Literature must remain the same. Types cannot be mixed. For example, if you elect to study World Literature and complete Part I, you must complete World Lit. Part II (or vice versa). You cannot mix types. However, English Literature courses can be taken out of sequence. Example: You can take ENG252 before taking ENG251, etc						
TERM 3 Total Credit Hours /13-16							

		FOURTH SEMESTER RECOMMENDED COURSE SEQUENCE		
BIO102	4 credits	Take the second part of the science (Part II) and finish your sequence:  Introduction to Biology -pt 2—BIO102.  PHS 112 Physical Science II	STARS Area III	
		<ul><li>CHM 105 Intro to Organic Chemistry</li><li>Check STARS</li></ul>		
PSY210	3 credits	Human Growth and Development—PSY210	STARS Area IV	
HUM101 or SPA101 or PHL206	3-4 credits	Select a Humanities Elective from the Course Options below:  Introduction to Humanities—HUM101 (3 credits)  Introductory Spanish I—SPA101 (4 credits)	STARS Area II	
ENG251 or ENG252 or ENG261 or ENG262 or ENG271 or ENG272	3 credits	<ul> <li>Ethics &amp; Society—PHL 206 (3 credits) (or other PHL course)</li> <li>If you DID NOT complete a History Sequence, you MUST select a Literature Sequence (from the course options below). However, if you have already completed a History Sequence, select an Area V course instead for these 3 credits. See "Advising Note 2" below for more information.</li> <li>Select one English Literature Course to take:         <ul> <li>American Literature (Part I or Part II)—ENG251 or ENG252</li> <li>English Literature (Part I or Part II)—ENG261 or ENG262</li> <li>World Literature (Part I or Part II)—ENG271 or ENG272</li> </ul> </li> <li>Area V elective option         <ul> <li>General Studies electives (see STARS guide)</li> </ul> </li> <li>Recommended: SPH 116 Interpersonal Communication</li> </ul>	STARS Area II	
STARS Area V THR courses	2 credits	THR 113 Theatre Workshop I and/or THR 114 Theatre Workshop II  THR 113 Theatre Workshop II	STARS AREA V	



For this degree, students must complete a 6 credit hour sequence in either Literature or History (based on their choosing). If you opted NOT to complete a sequence in History, you MUST complete a Literature sequence. However, if you have already completed your History sequence, you need to complete an Area V course for these 3 credits instead. This is very important. See your STARS guide to select the appropriate Area V class for this 3 credit requirement (this semester). If you need further assistance, see your Advisor in selecting the best class option here. Always check your STARS report for confirmation, for course requirements within degrees are subject to change.

<b>Total COMPLETED Credits for AS Degree</b>	
Award:	

Type of Degree Awarded: Associate of Arts Degree Program of Study: Liberal Arts
Concentration\_THEATRE

**TERM 4 Total Credit Hours** 

/15-16

/61

# HEALTH PROFESSIONS

# DEPARTMENT OF HEALTH PROFESSIONS DENTAL ASSISTING A.A.S DEGREE ADVISING SHEET

trayconnell@lawsonstate.edu or tlewis@lawsonstate.edu

The Dental Assisting A.A.S Program is a selective admissions program that requires a special application and has specific application requirements. The application to the Dental Assisting program is competitive and meeting application requirements does not guarantee acceptance to the program It is strongly recommended that the 'pre-professional courses' listed below be completed before applying to the Dental Assisting program (highlighted in yellow). While the courses are listed within the curriculum outline; the courses should be completed prior to being accepted to the dental assisting program. With it being a competitive application process, higher grades can enhance an application.

Students must submit the Dental Assisting application by the deadline to be considered for the program. If accepted to the program, students will be eligible to register for the DAT courses below. The dental courses must be completed in the sequence listed below.

		Dental Assisting AAS Program Requirements			
	Students must pass each course with a grade of "C" or higher.				
	Course #	Course Name	Semester Hours		
Semester 1	ORI 101	Orientation to College	1		
	MTH 100	Intermediate College Algebra or higher	3		
	(or higher)				
	ENG 101	English Composition I	3		
	DAT100	Intro to Dental Assisting	2		
	DAT101	Pre-Clinical Procedures I	3		
	DAT102	Dental Materials	3		
	DAT 103	Dental Anatomy and Physiology	3		
	0011.400				
Semester 2	SPH 106	Public Speaking	3		
	or 107				
	DAT 104	Basic Sciences for Dental Assisting	2		
	DAT 111	Clinical Practice I	5		
	DAT 112	Dental Radiology	3		
	DAT 116	Pre-Clinical Procedures	3		
	DAT 120	Office Administration for DAT	3		
Semester 3	DAT 113	Dental Health Education	2		
Semester 5	DAT 113	Clinical Practice II	4		
	DAT 122	Dental Assisting Seminar	4		
	DAT 123	Clinically Applied Infection Control and OSHA Standards	1		
	DAT 124	Business & Industry Psychology for DAT	1		
Semester 4	PSY 200	General Psychology	3		
Jennester 4	BIO 103	Natural Science elective (BIO103, BIO201 or CHM104	4		
	BIO 201	Tradicial Colonico Glocific (DIO 100, DIOZO I OI OI INITOT	7		
	CHM 104				
	CIS 146	CIS elective (CIS 146)	3		
		Humanities elective (Art, Music, Philosophy, Religion, Theater)	3		
		Total Hours for Pre-Professional Requirements	23		
		Total Hours for Program Requirements	39		
		Total Hours Required for Dental Assisting AAS Degree	62		

### **DEPARTMENT OF HEALTH PROFESSIONS**

DENTAL ASSISTING AAS AND CERTIFICATE DEGREE PROGRAMS
SELECTIVE ADMISSIONS CRITERIA
ADVISING SHEET

### **Admissions Policy and Procedure:**

- a. Meet all the general admission requirements of LSCC.
- b. Be eligible for ENG 101 and MTH 100.
- c. Possess an ACT score of 14 or higher
- d. Possess a minimum 2.0-grade point average on a 4.0 scale. GPA is based on college coursework at time of application. If the applicant has not taken any college courses, GPA is based on high school courses.
- e. Meet Eligibility Criteria/Essential Function.
- f. Application deadline is 11:59 p.m. (CST) on June 30.

### **SELECTION PROCEDURE:**

Acceptance is based on the total points awarded as follows:

1. ACT SCORES:

ACT Score	Points Awarded
14-17	1.5
18-20	2
21-24	2.5
25-27	3
28-30	3.5
>30	4

- 2. **GPA:** point for points with a maximum of 4.0 and a minimum of 2.0
- Additional points: can be earned by taking any of the general education courses required for dental assisting certificate. Points will be awarded for each course taken.

Gen Ed Courses	Points		
Orientation 101	A=1 point	B=0.5 point	
English 101, MTH100 or higher, SPH106 or 107	A=2 points	B=1 points	C=0.5 point

	Total Points Awarded			
	Earned Maximum Possi			
1	ACT Score		4	
2	GPA		4	
3	Additional Points		7	
	Total		15	

In event of tie, selection will be awarded to candidate with highest GPA.

### STUDENTS ACCEPTED INTO THE DENTAL ASSISTING PROGRAM ARE REQUIRED TO:

- ✓ Submit a Health Form and comply with specific immunization requirements: (Tetanus, Flu, MMR, Tuberculosis, Hepatitis B and Varicella)
  - Meet the Essential Functions required for Health Professions Students
    - ✓ Provide proof of health insurance
    - ✓ Obtain and maintain BLS certification throughout program
      - ✓ Submit background check & drug screening

### **DEPARTMENT OF HEALTH PROFESSIONS**

# DENTAL ASSISTING CERTIFICATE ADVISING SHEET

trayconnell@lawsonstate.edu or tlewis@lawsonstate.edu

The Dental Assisting Certificate Program is a selective admissions program that requires a special application and has specific application requirements. The application to the Dental Assisting program is competitive and meeting application requirements does not guarantee acceptance to the program. It is strongly recommended that the 'pre-professional courses' listed below be completed before applying to the Dental Assisting program (highlighted in yellow). While the courses are listed within the curriculum outline; the courses should be completed prior to being accepted to the dental assisting program. With it being a competitive application process, higher grades can enhance an application.

Students must submit the Dental Assisting application by the deadline to be considered for the program. If accepted to the program, students will be eligible to register for the DAT courses below. The dental courses must be completed in the sequence listed below.

		Dental Assisting Certificate Program Requirements	
		Students must pass each course with a grade of "C" or higher.	
	Course #	Course Name	Semester Hours
Semester 1	ORI 101	Orientation to College	1
	MTH 100	Intermediate College Algebra or higher	3
	(or higher)		
	ENG 101	English Composition I	3
	DAT100	Intro to Dental Assisting	2
	DAT101	Pre-Clinical Procedures I	3
	DAT102	Dental Materials	3
	DAT 103	Dental Anatomy & Physiology	3
		•	
Semester 2	SPH 106	Public Speaking	3
	or 107		
	DAT 104	Basic Sciences for Dental Assisting	2
	DAT 111	Clinical Practice I	5
	DAT 112	Dental Radiology	3
	DAT 116	Pre-Clinical Procedures	3
	DAT 120	Office Administration for DAT	3
Semester 3	DAT 113	Dental Health Education	2
	DAT 122	Clinical Practice II	4
	DAT 123	Dental Assisting Seminar	4
	DAT 124	Clinically Applied Infection Control and OSHA Standards	1
	DAT 131	Business & Industry Psychology for DAT	1
		Total Hours for Pre-Professional Requirements	10
		Total Hours for Program Requirements	39
		Total Hours Required for Dental Assisting Certificate	49

### **DEPARTMENT OF HEALTH PROFESSIONS**

DENTAL ASSISTING AAS AND CERTIFICATE DEGREE PROGRAMS
SELECTIVE ADMISSIONS CRITERIA
ADVISING SHEET

### **Admissions Policy and Procedure:**

- a. Meet all the general admission requirements of LSCC.
- b. Be eligible for ENG 101 and MTH 100.
- c. Possess an ACT score of 14 or higher
- d. Possess a minimum 2.0-grade point average on a 4.0 scale. GPA is based on college coursework at time of application. If the applicant has not taken any college courses, GPA is based on high school courses.
- e. Meet Eligibility Criteria/Essential Function.
- f. Application deadline is 11:59 p.m. (CST) on June 30.

### **SELECTION PROCEDURE:**

Acceptance is based on the total points awarded as follows:

1. ACT SCORES:

ACT Score	Points Awarded
14-17	1.5
18-20	2
21-24	2.5
25-27	3
28-30	3.5
>30	4

- 2. **GPA:** point for points with a maximum of 4.0 and a minimum of 2.0
- Additional points: can be earned by taking any of the general education courses required for dental assisting certificate. Points will be awarded for each course taken.

Gen Ed Courses	Points		
Orientation 101	A=1 point	B=0.5 point	
English 101, MTH100 or higher, SPH106 or 107	A=2 points	B=1 points	C=0.5 point

	Total Points Awarded			
	Earned Maximum Possi			
1	ACT Score		4	
2	GPA		4	
3	Additional Points		7	
	Total		15	

In event of tie, selection will be awarded to candidate with highest GPA.

### STUDENTS ACCEPTED INTO THE DENTAL ASSISTING PROGRAM ARE REQUIRED TO:

- ✓ Submit a Health Form and comply with specific immunization requirements: (Tetanus, Flu, MMR, Tuberculosis, Hepatitis B and Varicella)
  - Meet the Essential Functions required for Health Professions Students
    - ✓ Provide proof of health insurance
    - ✓ Obtain and maintain BLS certification throughout program
      - ✓ Submit background check & drug screening

### **DEPARTMENT OF HEALTH PROFESSIONS**

# DIAGNOSTIC MEDICAL SONOGRAPHY PROGRAM (CARDIAC FOCUS) ADVISING SHEET

dmoore@lawsonstate.edu or tlewis@lawsonstate.edu
Application due date: May 15 at 5:00 p.m. (CST)

The Diagnostic Medical Sonography Program is a selective admissions program that requires a special application and has specific application requirements. The application to the DMS program is competitive and meeting application requirements does not guarantee acceptance to the program. The "pre-professional courses" listed below must be completed before applying to the DMS program. With it being a competitive application process, higher grades can enhance an application.

See the reverse side for more details regarding application requirements.

All pre-p	rofessional co	DMS PRE-PROFESSIONAL COURSES  urses must be completed prior to the application deadline. Students n  professional course with a grade of "C" or higher.	nust pass each pre-		
Cou	ırse #	Course Name	Semester Hours		
ORI	101	Orientation to College	1		
ENG	9101	English Composition I	3		
MTH	1100	Intermediate Algebra or higher	3		
*BIC	)201	Anatomy & Physiology I	4		
SPH	1106 or 107	Fundamentals of Speech	3		
PSY	′200	General Psychology	3		
BIO	120	Medical Terminology	3		
Hum/	/Fine Art	Choose from Art, Humanities, Philosophy, Religious Studies, Dance, Theater	3		
**PF	HY112	Principles of Physics	2		
	ADVISING NOTE:				
	*BIO103 Principles of Biology I is a prerequisite to BIO201     *BIN440 Preservisite is MTI 1400 as higher.				
		**PHY112 Prerequisite is MTH100 or higher  Total House for Pre-Prefereigned Beginning	25		
		Total Hours for Pre-Professional Requirements	25		

Students must submit the DMS application by the deadline to be considered for the program. If accepted to the program, students will be eligible to register for the courses below.

	Stude	DMS Program Requirements  nts must be accepted to the DMS Program to be eligible for a	courses helow
	Course #	Course Name	Semester Hours
Semester 1	DMS202	Foundations of Sonography	3
	DMS251	Introduction to Cardiac Sonography	2
	DMS271	Echocardiographic Technology	3
Semester 2	DMS216	Sonographic Principles and Instrumentation	3
	DMS229	Sonography Preceptorship I	2
	DMS273	Pathophysiology of Cardiovascular System	3
Semester 3	DMS217	Sonographic Principles and Instrumentation II	2
	DMS230	Sonography Preceptorship II	3
	DMS234	Sonographic Lab II	1
Semester 4	DMS231	Sonography Preceptorship III	4
	DMS240	Sonography Seminar I	2
	DMS275	Advanced Echocardiographic Modalities	3
Semester 5	DMS232	Sonography Preceptorship IV	5
	DMS242	Adult Echo Seminar	2
	DMS245	Case Presentation	1
		Total Hours for Pre-Professional Requirements	25
		Total Hours for Program Requirements	39
		Total Hours Required for DMS AAS Degree	64

### **DEPARTMENT OF HEALTH PROFESSIONS**

### DIAGNOSTIC MEDICAL SONOGRAPHY PROGRAM (CARDIAC FOCUS)

**SELECTIVE ADMISSIONS CRITERIA** 

APPLICATION DUE DATE: MAY 15 AT 5:00 P.M. (CST)

NOTE: This is supplemental information and does NOT replace our application and/or requirements. Please be sure to review the entire application packet and requirements for a complete understanding of the selective and competitive application process.

\*\*Meeting minimum requirements does not guarantee acceptance\*\*

### 1. ACT or ACT Residual Test - Score of 18 or higher is required

Note: A minimum score of 18 is required regardless of academic history, degrees, and/or employment. We will accept either ACT National or ACT Residual scores and there is no expiration on test dates. ACT Residual scores MUST be from an Alabama Community College; <u>ACT Residual scores from any institution outside of the Alabama Community College System WILL NOT BE ACCEPTED.</u>

### 1. Required Coursework – 2.5 GPA requirement

Note: Required coursework must be COMPLETE prior to application deadline and a combined GPA of 2.5

	Grade
ORI 101 or ORI 101T Orientation to College	
ENG 101 English Composition	
MTH 100 or Higher Level	
*BIO 201 Anatomy & Physiology I	
SPH 107 Fundamentals of Speech	
PSY 200 Psychology	
BIO 120 Medical Terminology	
**PHY 112 Principles of Physics	
Humanities/Fine Arts Elective	
Choose from Art, Music, Humanities, Philosophy, Religious Studies, Dance, Theater	

\*BIO201 Prerequisite is BIO103

\*\*PHY112 Prerequisite is MTH100 or higher

	GPA Ca	alculation		
		Credit		Quality
Course	Grade	Hours		Points
ORI101	Х	1	=	
ENG101	Х	3	=	
MTH100	Х	3	=	
BIO201	Х	4	=	
SPH107	Х	3	=	
PSY200	Х	3	=	
BIO120	Х	3	=	
Hum/Fine Art	Х	3	=	
PHY112	Х	2	=	
Total		25		
(total quality	pts)	_ ÷ 25 =		(GPA)
QP: A=4	, B=	=3, C=2		

The DMS application information is on our website at WWW.LAWSONSTATE.EDU

## Select PROGRAMS OF STUDY then HEALTH PROFESSIONS

then select Diagnostic Medical Sonography.

### STUDENTS ACCEPTED INTO THE DMS PROGRAM ARE REQUIRED TO:

- ✓ Submit a Health Form and comply with specific immunization requirements: (Tetanus, Flu, MMR, Tuberculosis, Hepatitis B and Varicella)
  - ✓ Meet the Essential Functions required for Health Professions Students
    - ✓ Provide proof of health insurance
    - ✓ Obtain and maintain BLS certification throughout program
      - ✓ Submit background check & drug screening

<sup>\*</sup>For more details, you may view the Department of Health Professions Student Handbook located on our website.

### **DEPARTMENT OF HEALTH PROFESSIONS**

# EMERGENCY MEDICAL TECHNICIAN SHORT CERTIFICATE ADVISING SHEET

cwilliams2@lawsonstate.edu or tlewis@lawsonstate.edu

# Emergency Medical Technician Program (EMT-Basic)

The Emergency Medical Technician Basic (EMT-B) program is designed to prepare individuals to provide basic health care assistance at the scene of the illness or traumatic injury. EMT classes are offered day and evening hours. The Basic Level can be completed in one semester. The faculty is committed to providing academic and clinical learning experiences that will enable the student to develop the necessary knowledge, attitudes, and skills required of the EMT. Many graduates are employed by the Birmingham area Fire, Rescue and Ambulance Services. Some graduates use the knowledge and skills they obtain to prepare them to serve their communities in Volunteer Fire and Rescue Services. Program graduates are awarded a short certificate and are eligible for consideration to take the National Registry of EMT Basic Examination which is used by the State of Alabama Department of Public Health to grant an EMT-Basic license. The program is approved by the Alabama Department of Postsecondary Education and the Alabama Department of Public Health. Pending accreditation from the Alabama Department of Public Health (OEMS)

**In Addition to the courses outlined below, it is a LSCC college graduation requirement that all students complete ORI101 or ORI101T.				
Course	Course Name	Semester Hours		
EMS118	Emergency Medical Technician	9		
EMS119	Emergency Medical Technician Clinical	1		
	Total Hours	10		

# Emergency Medical Technician Advanced Program (AEMT)

The Advanced Emergency Medical Technician (AEMT) is designed to prepare individuals desiring to expand their career in Emergency Medical Services with the ability to initiate intravenous therapy and limited pharmacology. This course qualifies students completing this program to work or volunteer as an Advanced Emergency Medical Technician (AEMT) for a fire department, ambulance services or in private industry. Students successfully completing the AEMT courses will be eligible for consideration to take the National Registry of EMT's Examination., which is used by the State of Alabama Department of Public Health to grant EMT licensure pending accreditation from the OEMS.

**In Addition to the courses outlined below, it is a LSCC college graduation requirement that all students complete					
	ORI101 or ORI101T.				
	Course #	Course Name	Semester Hours		
	EMS155	Advanced Emergency Medical Technician	7		
	EMS156	Advanced Emergency Medical Technician Clinical	2		
		Total Hours	8		

<sup>\*\*</sup>Please see reverse side for information specific to the EMT Program\*\*

### **DEPARTMENT OF HEALTH PROFESSIONS**

EMERGENCY MEDICAL TECHNICIAN PROGRAM REQUIREMENTS

# STUDENTS ACCEPTED INTO THE EMERGENCY MEDICAL TECHNICIAN PROGRAM ARE REQUIRED TO:

- ✓ Submit a Health Form and comply with specific immunization requirements
  - ✓ Meet the Essential Functions required for Health Professions Students
    - ✓ Provide proof of health insurance
    - ✓ Obtain and maintain BLS certification throughout program
      - ✓ Submit background check & drug screening

### **Essential Functions for the EMS Program**

The essential functions delineated below are necessary for EMS program admission, progression and graduation and for the provision of safe and effective EMS care. If you wish to enter one of the EMS programs, you must satisfy several special admission requirements. The essential functions include but are not limited to the ability to:

### (Physical Demands)

- have the physical agility to walk, climb, crawl, bend, push, pull, or lift and balance over less than ideal terrain
- have good physical stamina, endurance, which would not be adversely affected by having to lift, carry, and balance at times, in excess of 125 pounds (250 pounds with assistance)
- see different color spectrums
- have good eye-hand coordination and manual dexterity to manipulate equipment, instrumentation, and medications (Problem-Solving Abilities, data collection, judgment, reasoning)
- be able to send and receive verbal messages as well as operate appropriately the communication equipment of current technology
- be able to collect facts and to organize data accurately, to communicate clearly both orally and in writing in the English language (at ninth-grade reading level or higher)
- be able to differentiate between normal and abnormal findings in human physical conditions by using visual, auditory, olfactory, and tactile observations
- be able to make good judgment decisions and exhibit problem-solving skills under stressful situations;
- be attentive to detail and be aware of standards and rules that govern practice
- implement therapies based on mathematical calculations

### (Worker Characteristics)

- possess emotional stability to be able to perform duties in life-or-death situations and in potentially dangerous social situations, including responding to calls in districts known to have high crime rates;
- be able to handle stress and work well as part of a team
- be oriented to reality and not be mentally impaired by mind-altering substances; not be addicted to drugs or alcohol
- be able to work shifts of 24 hours in length
- be able to tolerate being exposed to extremes in the environment, including variable aspects of weather, hazardous fumes, and noise
- possess eyesight in a minimum of one eye correctable to 20/20 vision and be able to determine directions to a map
- students who desire to drive an ambulance must possess approximately 180 degrees peripheral vision capacity, must possess a valid Alabama driver's license (if a resident of Alabama), and must be able to operate a motor vehicle safely and competently in accordance with State law

### **DEPARTMENT OF HEALTH PROFESSIONS**

# MEDICAL RADIOLOGIC TECHNOLOGY PROGRAM (MRT A.A.S DEGREE) ADVISING SHEET

gscosyrev@lawsonstate.edu or tlewis@lawsonstate.edu
Application due date: June 1 @ 5:00pm

The Medical Radiologic Technology Program (MRT) is a selective admissions program that requires a special application and has specific application requirements. The application to the MRT program is competitive and meeting application requirements does not guarantee acceptance to the program. It is strongly recommended that the 'pre-professional courses' below (highlighted in yellow) be completed before applying to the MRT program. While the courses are listed within the curriculum outline; the courses should be completed prior to applying to the Radiologic Technology program. With it being a competitive application process, higher grades can enhance an application. See reverse side for more details regarding application requirements.

Students must submit the MRT application by the deadline to be considered for the program. If accepted to the program, students will be eligible to register for the RAD courses below.

	Course #	Course Name	Semester Hours
Semester 1	RAD 111	Introduction to Radiography	2
	RAD 113	Patient Care	2
	RAD 112	Radiographic Procedure I	4
	RAD 114	Clinical Education I	2
	ORI 101	Orientation to College	1
	MTH 100	Intermediate College Algebra or higher	3
	BIO 201	Anatomy & Physiology I	4
Semester 2	RAD 122	Radiographic Procedure II	4
	RAD 124	Clinical Education II	5
	RAD 125	Imaging Equipment	3
	BIO 202	Anatomy & Physiology II	4
Semester 3	RAD 135	Principals of Exposure	3
	RAD 136	Radiation Protection and Biology	2
	RAD 134	Clinical Education III	5
	ENG 101	English Composition I	3
Semester 4	RAD 214	Clinical Education IV	8
	RAD 212	Image Evaluation and Pathology	2
	PSY 200	General Psychology	3
	SPH 107	Fundamentals of Speech	3
Semester 5	RAD 227	Review Seminar	2
Semester 5	RAD 221	Clinical Education V	8
	HUM	Humanities Elective	3
	TIUIVI	Total Hours for Pre-Professional Requirements	24
			52
		Total Hours for Program Requirements	
		Total Hours Required for AAS Degree	76

ADVISING NOTE: \*BIO103 Principles of Biology is a prerequisite to BIO201

### **DEPARTMENT OF HEALTH PROFESSIONS**

MEDICAL RADIOLOGIC TECHNOLOGY PROGRAM (MRT A.A.S DEGREE)
SELECTIVE ADMISSIONS CRITERIA

Application due date: June 1@5:00pm

NOTE: This is supplemental information and does NOT replace our application and/or requirements. Please be sure to review the entire application packet and requirements for a complete understanding of the selective and competitive application process.

\*\*Meeting minimum requirements does not guarantee acceptance\*\*

### 1. ACT or ACT Residual Test - Score of 18 or higher is required

Note: Minimum score of 18 is required regardless of academic history, degrees, and/or employment. We will accept either ACT National or ACT Residual scores and there is no expiration on test dates. ACT Residual scores MUST be from an Alabama Community College; <u>ACT Residual scores from any institution outside of the Alabama Community College System WILL NOT BE ACCEPTED.</u>

### 2. Required Coursework – 2.5 GPA requirement

\*BIO201 Prerequisite is BIO103.

Note: It is strongly recommended that the courses listed below be complete prior to application deadline and a combined GPA of 2.5

	Grade
ORI 101 or ORI 101T Orientation to College	
ENG 101 English Composition	
SPH 107 Fundamentals of Speech	
MTH 100 or Higher Level	
*BIO 201 Anatomy & Physiology I	
BIO 202 Anatomy & Physiology II	
PSY 200 Psychology	
Humanities/Fine Arts Elective	
Choose from ART101, HUM101; MUS101 or THR120	

	GPA C	alculatior	1	
		Credit		Quality
Course	Grade	Hours		Points
ORI101	Х	1	=	
ENG101	Х	3	=	
SPH107	Х	3	=	
MTH100	Х	3	=	
BIO201	Х	4	=	
BIO202	Х	4	=	
PSY200	Х	3	=	
Humanities	Х	3	=	
Total		24		
total quality	pts	_ ÷ 24 =	·	GPA
QP: A=4 B=3 C=2 D=1 F=0				

The MRT application information is on our website at <a href="https://www.lawsonstate.edu">www.lawsonstate.edu</a>
Select PROGRAMS OF STUDY then HEALTH PROFESSIONS
then select Medical Radiologic Technology.

### STUDENTS ACCEPTED INTO THE MRT PROGRAM ARE REQUIRED TO:

- ✓ Submit a Health Form and comply with specific immunization requirements: (Tetanus, Flu, MMR, Tuberculosis, Hepatitis B and Varicella)
  - ✓ Meet the Essential Functions required for Health Professions Students
    - ✓ Provide proof of health insurance
    - ✓ Obtain and maintain BLS certification throughout program
      - ✓ Submit background check & drug screening

<sup>\*</sup>For more details, you may view the Department of Health Professions Student Handbook located on our website.

### **DEPARTMENT OF HEALTH PROFESSIONS**

MEDICAL RADIOLOGIC TECHNOLOGY PROGRAM (MRT LIMITED SCOPE CERTIFICATE)

ADVISING SHEET

gscosyrev@lawsonstate.edu or tlewis@lawsonstate.edu
Application due date: June 1 @ 5:00pm

The Medical Radiologic Technology Program (MRT) is a selective admissions program that requires a special application and has specific application requirements. The application to the MRT program is competitive and meeting application requirements does not guarantee acceptance to the program. It is strongly recommended that the 'pre-professional courses' below (highlighted in yellow) be completed before applying to the MRT program. While the courses are listed within the curriculum outline; the courses should be completed prior to applying to the Radiologic Technology program. With it being a competitive application process, higher grades can enhance an application. See reverse side for more details regarding application requirements.

Students must submit the MRT application by the deadline to be considered for the program. If accepted to the program, students will be eligible to register for the RAD courses below.

	Course #	Course Name	Semester Hours
Semester 1	RAD 111	Introduction to Radiography	2
	RAD 113	Patient Care	2
	RAD 112	Radiographic Procedure I	4
	RAD 114	Clinical Education I	2
	ORI 101	Orientation to College	1
	MTH 100	Intermediate College Algebra	3
Semester 2	RAD 122	Radiographic Procedure II	4
	RAD 124	Clinical Education II	5
	RAD 125	Imaging Equipment	3
	BIO 201	Anatomy & Physiology	4
	ENG 101	English Composition I	3
Semester 3	RAD 135	Principals of Exposure	3
	RAD 136	Radiation Protection and Biology	2
	RAD 134	Clinical Education III	5
	SPH 107	Fundamentals of Speech	3
		Total Hours for Pre-Professional Requirements	14
		Total Hours for Program Requirements	32
		Total Hours Required for Limited Scope Certificate	46

Students accepted into and graduate from the MRT Limited Scope Certificate may be eligible to return to enter into the fourth semester of the MRT A.A.S Degree Program.

### **DEPARTMENT OF HEALTH PROFESSIONS**

MEDICAL RADIOLOGIC TECHNOLOGY PROGRAM (MRT LIMITED SCOPE CERTIFICATE)

SELECTIVE ADMISSIONS CRITERIA

Application due date: June 1@ 5:00pm

NOTE: This is supplemental information and does NOT replace our application and/or requirements. Please be sure to review the entire application packet and requirements for a complete understanding of the selective and competitive application process.

\*\*Meeting minimum requirements does not guarantee acceptance\*\*

### 1. ACT or ACT Residual Test - Score of 18 or higher is required

Note: Minimum score of 18 is required regardless of academic history, degrees and/or employment. We will accept either ACT National or ACT Residual scores and there is no expiration on test dates. ACT Residual scores MUST be from an Alabama Community College; <u>ACT Residual scores from any institution outside of the Alabama Community College System WILL NOT BE ACCEPTED.</u>

### 2. Required Coursework – 2.5 GPA requirement

Note: It is strongly recommended that the courses listed below be complete prior to application deadline and a combined GPA of 2.5

	Grade
ORI 101 or ORI 101T Orientation to College	
ENG 101 English Composition	
SPH 107 Fundamentals of Speech	
MTH 100 or Higher Level	
*BIO 201 Anatomy & Physiology I	

\*BIO201 Prerequisite is BIO103

	GPA C	alculatior	ı	
		Credit		Quality
Course	Grade	Hours		Points
ORI101	Х	1	=	
ENG101	Х	3	=	
SPH107	Х	3	=	
MTH100	Х	3	=	
BIO201	Х	4	=	
Total		14		
total quality	/ pts	_ ÷ 14 =		GPA
QP: A = 4	B = 3 C	= 2 D	= 1	F = 0

The MRT application information is on our website at <a href="https://www.lawsonstate.edu">www.lawsonstate.edu</a>
Select PROGRAMS OF STUDY then HEALTH PROFESSIONS
then select Medical Radiologic Technology.

### STUDENTS ACCEPTED INTO THE MRT PROGRAM ARE REQUIRED TO:

- ✓ Submit a Health Form and comply with specific immunization requirements: (Tetanus, Flu, MMR, Tuberculosis, Hepatitis B and Varicella)
  - ✓ Meet the Essential Functions required for Health Professions Students
    - ✓ Provide proof of health insurance
    - ✓ Obtain and maintain BLS certification throughout program
      - ✓ Submit background check & drug screening

\*For more details, you may view the Department of Health Professions Student Handbook located on our website.

### DEPARTMENT OF HEALTH PROFESSIONS

# PRACTICAL NURSING PROGRAM ADVISING SHEET

kswain@lawsonstate.edu or dyoung@lawsonstate.edu

Application due date: Summer Deadline: January 15 at 11:59 p.m. (CST)

Fall Deadline: May 15th at 11:59 pm (CST)

The Practical Nursing (PN) Program is a selective admissions program that requires a special application and has specific application requirements. The application to the Practical Nursing program is competitive and meeting application requirements does not guarantee acceptance to the program. It is strongly recommended that the 'pre-professional courses' listed below be completed before applying to the Practical Nursing program (highlighted in yellow). While the courses are listed within the curriculum outline; the courses should be completed prior to being accepted to the nursing program. With it being a competitive application process, higher grades can enhance an application.

### See reverse side for more details regarding application requirements.

Students must submit the Practical Nursing application by the deadline to be considered for the program. If accepted to the program, students will be eligible to register for the NUR courses below. The nursing courses must be completed in the sequence listed below.

		Practical Nursing Program Requirements	
	Students must be a	ccepted to the Practical Nursing program to register for the NU	JR courses.
	Course #	Course Name	Semester Hours
Semester 1	MTH100	Intermediate Algebra or higher	3
	*BIO201	Anatomy & Physiology I	4
	NUR102	Fundamentals of Nursing	6
	NUR103	Health Assessment	1
	NUR104	Introduction to Pharmacology	1
Semester 2	ENG101	English Composition I	3
	BIO202	Anatomy & Physiology II	4
	NUR105	Adult Nursing	8
	NUR106	Maternal and Child Nursing	5
Semester 3	NUR107	Adult/Child Nursing	8
	NUR108	Psychosocial Nursing	3
	NUR109	Role Transition for the Practical Nurse	3
		Total Hours for Pre-Professional Requirements	14
		Total Hours for Program Requirements	35
		Total Hours Required for Practical Nursing Certificate	49

### **ADVISING NOTE:**

- \*BIO103 Principles of Biology is a prerequisite to BIO201
- \*\*In Addition to the courses outlined above, it is a LSCC college graduation requirement that all students to complete ORI101 or ORI101T.

### LAWSON STATE COMMUNITY COLLEGE DEPARTMENT OF HEALTH PROFESSIONS NURSING PROGRAM

### **Applicant Point System**

Application due date: Summer Deadline: January 15 at 11:59 p.m. (CST) Fall Deadline: May 15<sup>th</sup> at 11:59 pm (CST)

NOTE: This is supplemental information and does NOT replace our application and/or requirements. Please be sure to review the entire application packet and requirements for a complete understanding of the selective and competitive application process.

\*\*Meeting minimum requirements does not quarantee acceptance\*\*

### 1. ACT or ACT Residual Test – Maximum 36 points

Note: Minimum score of 18 is required. We will accept up to TWO ACT/ACT Residual scores and there is no expiration on test dates. ACT Residual scores MUST be from an Alabama Community College; <u>ACT Residual scores from any institution outside of the Alabama</u> Community College System WILL NOT BE ACCEPTED.

### 2. Selected Coursework - Maximum 12 points

Points for grades in selected college coursework are awarded as follows:

### A = 3 Points, B = 2 Points, C = 1 points in the following courses:

Course	Grade	Points
ENG101 English Composition		
MTH100 or Higher Level		
BIO201 Anatomy and Physiology I		
BIO202 Anatomy and Physiology II		

In addition to the above point structure for the courses, the GPA for the courses above must be at least a 2.5. Use the GPA chart for calculations.

GPA Calculation				
0	0	Credit	Quality	Total
Course	Grade	Hours	Points	
ENG101		3	Х	=
MTH100		3	Х	=
BIO201		4	Х	=
BIO202		4	Х	=
Total		14		
		÷ 14 =		
QP: A = 4	B = 3	C = 2	D=1 F	= = 0

### 3. Additional points (not required) - Maximum 10 points

The points will be awarded as follows:

HPS 103 Foundation Competencies for Health Sciences

B = 2 Points

A = 4 Points B = 3 Points C = 2 Points D/F = 0 Points

• MTH 186 Dosage Calculations

A = 3 Points B = 2 Points C = 1 Points D/F = 0 Points

BIO 103 Principles of Biology I

Course Grade Points
HPS 103 Found. Comp. for Health Sciences

MTH 186 Dosage Calculations

BIO 103 Principles of Biology I

### Repeated Courses (second attempt):

A = 3 Points

Points for second attempt course work (repeated courses) are awarded as follows:

### A = 1.5 Points, B = 1 Points, C = .5 points

Contact Dorothy Young at dyoung@lawsonstate.edu for the Repeated Courses Policy and/or the appeal process.

C = 1 Points

	Total Points Awarded			
		Earned	Maximum Possible	
1	ACT Score	9	36	
2	Selected Course Work		12	
3	Additional Points		10	
	Total		58	

D/F = 0 Points

### STUDENTS ACCEPTED INTO THE PN PROGRAM ARE REQUIRED TO:

- ✓ Submit a Health Form and comply with specific immunization requirements: (Tetanus, Flu, MMR, Tuberculosis, Hepatitis B and Varicella)
  - ✓ Meet the Essential Functions required for Health Professions Students
    - ✓ Provide proof of health insurance
    - ✓ Obtain and maintain BLS certification throughout program
       ✓ Submit background check & drug screening

<sup>\*</sup>For more details, you may view the Department of Health Professions Student Handbook located on our website.

# DEPARTMENT OF HEALTH PROFESSIONS ASSOCIATE DEGREE NURSING PROGRAM ADVISING SHEET

kswain@lawsonstate.edu or dvoung@lawsonstate.edu

Application due date: Summer Deadline: January 15 at 11:59 p.m. (CST)

Fall Deadline: May 15th at 11:59 pm (CST)

The Associate Degree Nursing Program (ADN) is a selective admissions program that requires a special application and has specific application requirements. The application to the ADN program is competitive and meeting application requirements does not guarantee acceptance in to the program. It is strongly recommended that the 'pre-professional courses' listed below be completed before applying to the ADN program (highlighted in yellow). While the courses are listed within the curriculum outline; the courses should be completed prior to being accepted to the nursing program. With it being a competitive application process, higher grades can enhance an application.

### See reverse side for more details regarding application requirements.

Students must submit the ADN application by the deadline to be considered for the program. If accepted to the program, students will be eligible to register for the NUR courses below. The nursing courses must be completed in the sequence listed below.

	Students must b	ADN Program Requirements	reac
Students must be accepted to the ADN program to register for the NUR courses.  Course # Course Name Semester Hours			
		Intermediate Algebra or higher	3
	*BIO201	Anatomy & Physiology I	4
	NUR102	Fundamentals of Nursing	6
	NUR103	Health Assessment	1
	NUR104	Introduction to Pharmacology	1
Semester 2	ENG101	English Composition I	3
	BIO202	Anatomy & Physiology II	4
	NUR105	Adult Nursing	8
	NUR106	Maternal and Child Nursing	5
Semester 3	PSY200	General Psychology	3
	BIO220	Microbiology	4
	NUR201	Nursing Through the Lifespan I	5
Semester 4	SPH106 or SPH107	Fundamentals of Speech	3
	PSY210	Human Growth and Development	3
	NUR202	Nursing Through the Lifespan II	6
Semester 5	Humanities Elective	Choose from Humanities, Art, Music, Ethics/Philosophy, Religious Studies, Dance, or Theater	3
	NUR203	Nursing Through the Lifespan II	6
	NUR204	Role Transition for the Registered Nurse	4
		Total Hours for Pre-Professional Requirements	30
		Total Hours for Program Requirements	42
		Total Hours Required for NUR AAS Degree	72

### **ADVISING NOTE:**

- \*BIO103 Principles of Biology is a prerequisite to BIO201
- \*\*In Addition to the courses outlined above, it is a LSCC college graduation requirement that all students to complete ORI101 or ORI101T.

### LAWSON STATE COMMUNITY COLLEGE DEPARTMENT OF HEALTH PROFESSIONS NURSING PROGRAM

### **Applicant Point System**

Application due date: Summer Deadline: January 15 at 11:59 p.m. (CST) Fall Deadline: May 15<sup>th</sup> at 11:59 pm (CST)

NOTE: This is supplemental information and does NOT replace our application and/or requirements. Please be sure to review the entire application packet and requirements for a complete understanding of the selective and competitive application process.

\*\*Meeting minimum requirements does not quarantee acceptance\*\*

### 1. ACT or ACT Residual Test - Maximum 36 points

Note: Minimum score of 18 is required. We will accept up to TWO ACT/ACT Residual scores and there is no expiration on test dates. ACT Residual scores MUST be from an Alabama Community College; <u>ACT Residual scores from any institution outside of the Alabama</u> Community College System WILL NOT BE ACCEPTED.

### 2. Selected Coursework - Maximum 12 points

Points for grades in selected college course work are awarded as follows:

### A = 3 Points, B = 2 Points, C = 1 points in the following courses:

Course	Grade	Points	
ENG101 English Composition			
MTH100 or Higher Level	· <u> </u>		
BIO201 Anatomy and Physiology I			
BIO202 Anatomy and Physiology II			•
, , ,			

In addition to the above point structure for the courses, the GPA for the courses above must be at least a 2.5. Use the GPA chart for calculations.

GPA Calculation				
		Credit	Quality	Total
Course	Grade	Hours	Points	
ENG101		3		
MTH100		3		
BIO201		4		
BIO202		4		
Total		14		
			÷ 14	1 =
OD (*** 2 **** 4)	1 A . A	0000		

QP for 3 credit course: A=12, B=9, C=6 QP for 4 credit course: A=16, B=12, C=8

### 3. Additional points (not required) – Maximum 10 points

The points will be awarded as follows:

HPS 103 Foundation Competencies for Health Sciences

B = 2 Points

A = 4 Points B = 3 Points C = 2 Points D/F = 0 Points

MTH 186 Dosage Calculations

A = 3 Points B = 2 Points C = 1 Points D/F = 0 Points

BIO 103 Principles of Biology I

Course Grade Points

HPS 103 Found. Comp. for Health Sciences

MTH 186 Dosage Calculations

BIO 103 Principles of Biology I

Repeated Courses (second attempt):

A = 3 Points

Points for second attempt course work (repeated courses) are awarded as follows:

### A = 1.5 Points, B = 1 Points, C = .5 points

Contact Dorothy Young at <a href="mailto:dyoung@lawsonstate.edu">dyoung@lawsonstate.edu</a> for the Repeated Courses Policy and/or the appeal process.

C = 1 Points

D/F = 0 Points

Total Points Awarded			
		Earned	Maximum Possible
1	ACT Score		36
2	Selected Course Work		12
3	Additional Points		10
	Total		58

### STUDENTS ACCEPTED INTO THE ADN PROGRAM ARE REQUIRED TO:

- Submit a Health Form and comply with specific immunization requirements: (Tetanus, Flu, MMR, Tuberculosis, Hepatitis B and Varicella)
- ✓ Meet the Essential Functions required for Health Professions Students
  - ✓ Provide proof of health insurance
  - ✓ Obtain and maintain BLS certification throughout program
    - ✓ Submit background check & drug screening

<sup>\*</sup>For more details, you may view the Department of Health Professions Student Handbook located on our website.