

★ Chapter 5

Degrees and Certificate Plans

Accounting

Associate of Applied Science in Accounting Technology - Tech Prep

Accounting, which is often called the "language of business," provides essential information about the economic activities of a business to its owners, its creditors, and other groups. The two-year accounting technology program is designed to prepare students for mid-level accounting positions, such as full-charge bookkeepers or clerical supervisors in business and industry. Emphasis is placed on generally accepted accounting principles and internal accounting procedures, as well as computer applications.

Although the degree plan contains courses which may be applicable to a four-year accounting degree, it is primarily designed to prepare the student for immediate job placement. Students pursuing a bachelor's degree in accounting should refer to the Associate of Science in Business Administration sections of this catalog and see a counselor prior to registration.

Students desiring a less comprehensive program that includes some accounting procedures and practices should consider the Accounting Technician Certificate or Advanced Accounting Technician Certificate.

Students who have not had high school accounting or who have not worked in accounting may wish to take ACNT 1303, Introduction to Accounting I, before taking ACCT 2401, Principles of Accounting I-Financial.

Students should plan to take a capstone course, as listed below, in their last semester and should speak with an accounting advisor prior to registering for the final semester.

FIRST SEMESTER	SCH
— ACCT 2401 Principles of Accounting I-Financial	4
— ENGL 1301 English Composition I	3
—♦ POFI 1401 Computer Applications I	4
— POFT 1321 Business Math	3
— ACNT 1331 Federal Income Tax: Individual	3
	17

SECOND SEMESTER	SCH
— ACCT 2402 Principles of Accounting II-Managerial	4
— POFT 2312 Business Correspondence & Communication	3
— ACNT 1311 Introduction to Computerized Accounting	3
— ACNT 1329 Payroll & Business Tax Accounting	3
— ---- Business Elective*	3
	16

THIRD SEMESTER	SCH
— ACNT 2303 Intermediate Accounting I	3
— ACNT 1313 Computerized Accounting Applications	3
— BUSI 1301 Business Principles	3
— SPCH 1315 Principles of Public Speaking	3
or	
— SPCH 1321 Business and Professional Speech	3
— ---- Natural Science	4
or	
— ---- Mathematics	4
	16

FOURTH SEMESTER	SCH
— ACNT 2304 Intermediate Accounting II	3
— BUSI 2301 Business Law	3
— ACNT 2309 Cost Accounting	3
— ---- Social/Behavioral Science	3
— ---- Humanities/Fine Arts	3
— ● ACNT 2389 Internship-Accounting	3
or	
— ● ACNT 2302 Accounting Capstone	3
	18

Total Semester Credit Hours for Degree **67**

*Business elective to be chosen from ACNT, BUSI, or BUSG courses.

Certificate of Completion in Accounting Technician

The certificate programs in accounting are composed of course work designed to prepare the student for entry-level accounting positions, such as accounts receivable clerk, accounts payable clerk, small office bookkeeper, cashier, or payroll clerk. The programs are designed for the student who plans to seek employment at the end of two or three semesters of training. All courses may apply toward the Associate of Applied Science (AAS) in Accounting Technology degree.

Students who have not had high school accounting or who have not worked in accounting may wish to take ACNT 1303, Introduction to Accounting I, before taking ACCT 2401, Principles of Accounting I - Financial.

FIRST SEMESTER	SCH
— ACCT 2401 Principles of Accounting I-Financial	4
— POFT 1321 Business Math	3
— POFI 1401 Computer Applications I	4
— ACNT 1331 Federal Income Tax: Individual	3
— POFT 1301 Business English	
or	
— ENGL 1301 English Composition I	3
	17

SECOND SEMESTER	SCH
— ACCT 2402 Principles of Accounting II-Managerial	4
— ACNT 1311 Introduction to Computerized Accounting	3
— POFT 2312 Business Correspondence & Communication	3
— ACNT 1329 Payroll & Business Tax Accounting	3
— ACNT 1313 Computerized Accounting Applications	3
— ● ACNT 2386 Internship-Accounting Technician	
or	
— ● ACNT 2302 Accounting Technician Capstone	3
	19
Total Semester Credit Hours for Certificate	36

Certificate of Completion in Advanced Accounting Technician

FIRST SEMESTER	SCH
— ACCT 2401 Principles of Accounting I-Financial	4
— POFT 1321 Business Math	3
— POFI 1401 Computer Applications I	4
— ACNT 1331 Federal Income Tax: Individual	3
— POFT 1301 Business English	
or	
— ENGL 1301 English Composition I	3
	17

SECOND SEMESTER	SCH
— ACCT 2402 Principles of Accounting II-Managerial	4
— ACNT 1311 Introduction to Computerized Accounting	3
— POFT 2312 Business Correspondence & Communication	3
— ACNT 1329 Payroll and Business Tax Accounting	3
— BUSI 1301 Business Principles	3
	16

THIRD SEMESTER	SCH
— ACNT 2303 Intermediate Accounting I	3
— ACNT 1313 Computerized Accounting Applications	3
— ACNT 2309 Cost Accounting	3
— BUSI 2301 Business Law	3
— ● ACNT 2387 Internship-Accounting Technician	3
or	
— ● ACNT 2302 Accounting Technician Capstone	3
	15

Total Semester Credit Hours for Certificate **48**

● Students should plan to take this capstone course in their last semester and should speak with their advisor prior to registering for the final semester.
 Core curriculum courses are shown in bold type. Field of Study (FOS) courses are underlined. If both core and FOS, courses are shown in bold & underline type.
 ♦ Students completing a high school Tech Prep program may receive credit for indicated courses.



Agribusiness

Associate of Science in Agribusiness

Students will gain a basic understanding of how agriculture fits into the global marketplace, as well as learning accounting practices.

FIRST SEMESTER			SCH
—	ENGL 1301	English Composition I	3
—	ECON 2301	Principles of Economics: Macroeconomics	3
—	BIOL - - - -	Biology*	4
—	ACCT 2401	Principles of Accounting I - Financial	4
			14

SECOND SEMESTER			SCH
—	ENGL 1302	English Composition II	3
—	KINE - - - -	Health, Wellness & Kinesiology	1
—	BIOL - - - -	Biology*	4
—	- - - - -	Computer Literacy	3
—	ACCT 2402	Principles of Accounting II - Managerial	4
—	ECON 2302	Principles of Economics: Microeconomics	3
			18

THIRD SEMESTER			SCH
—	GOVT 2301	American Government I	
		or	
	GOVT 2302	American Government II	3
—	SPCH - - - -	Communication: Other	3
—	- - - - -	Humanities: Other	3

—	HIST 1301	History of the United States to 1877	
		or	
	HIST 1302	History of the United States since 1877	
		or	
	HIST 2301	History of Texas	3
—	AGRI 2317	Introduction to Agriculture Economics	3
			15

FOURTH SEMESTER			SCH
—	GOVT 2301	American Government I	
		or	
	GOVT 2302	American Government II	3
—	HIST 1301	History of the United States to 1877	
		or	
	HIST 1302	History of the United States since 1877	
		or	
	HIST 2301	History of Texas	3
—	MATH 1414	College Algebra **	4
—	- - - - -	Humanities: Visual/Performing Arts	3
—	CHEM 1411	General Chemistry II	4
			17
		Total Semester Credit Hours for Degree	64

* BIOL may be chosen from BIOL 1406, 1407, 1411, or 1413.

** Most programs require MATH 2442 Elementary Statistics. Students who qualify should take this course.

Architecture

Associate of Arts in Architecture

The curriculum is offered for students who are studying for a four- or five-year Bachelor of Architecture degree. Students will gain a basic understanding of architecture and design and be able to create a portfolio of their work. The courses selected are representative of those required during the first two years of study leading to a professional degree in architecture. It is the responsibility of the student to contact the transfer university to obtain its specific course requirements, see an advisor, and enroll in appropriate lower division courses. Upon transfer, students may be required to submit a portfolio of their work for review and acceptance by the selected university.

FIRST SEMESTER		SCH
— ARTS 1316	Drawing I <i>or</i>	
ARCH 2301	Architectural Freehand Drawing I	3
— ARCH 1303	Architectural Design I	3
— ARCH 1311	Introduction to Architecture	3
— ENGL 1301	English Composition I	3
— - - - -	Social/Behavioral Science: Other	3
— GOVT 2301	American Government I	3
		18
SECOND SEMESTER		
— ARCH 1304	Architectural Design II	3
— ARCH 1307	Architectural Graphics I	3
— MATH 1414	College Algebra or higher **	4
— SPCH 1315	Principles of Public Speaking	3

— HIST 1301	History of the United States to 1877 <i>or</i>	
HIST 1302	History of the United States since 1877 <i>or</i>	
HIST 2301	History of Texas	3
		16
THIRD SEMESTER		
— ARCH 1301	Architectural History I <i>or</i>	
ARCH 1302	Architectural History II	3
— PHYS 1401	College Physics I	4
— ENGL 1302	English Composition II	3
— HIST 1301	History of the United States to 1877 <i>or</i>	
HIST 1302	History of the United States since 1877 <i>or</i>	
HIST 2301	History of Texas	3
— - - - -	Humanities: Other	3
		16
FOURTH SEMESTER		
— - - - -	Computer Literacy	3-4
— ARCH - - - -	Architectural elective <i>or</i>	
ARTS - - - -	Arts elective	3
— PHYS 1402	College Physics II	4
— GOVT 2302	American Government II	3
— KINE - - - -	Health, Wellness, Kinesiology	1
		14-15
Total Semester Credit Hours for Degree		64/65

** Most architecture programs require MATH 2412 Precalculus or equivalent as the math requirement. Students who qualify should take this course.

● Students should plan to take this capstone course in their last semester and should speak with their advisor prior to registering for the final semester.
 Core curriculum courses are shown in bold type. Field of Study (FOS) courses are underlined. If both core and FOS, courses are shown in bold & underline type.
 ♦ Students completing a high school Tech Prep program may receive credit for indicated courses.



Business Administration and Management

Associate of Science in Business Administration - Field of Study

The Associate of Science in Business Administration degree is designed to provide students with the freshman and sophomore courses that will transfer to Texas public universities for a bachelor of arts (BA/BBA) or bachelor of science (BS) degree in business. This degree plan is based on the latest Field of Study requirements for business as identified by the Texas Higher Education Coordinating Board.

FIRST SEMESTER			SCH
—	ENGL 1301	English Composition I	3
—	BCIS 1405	Business Computer Applications	4
—	BUSI 1301	Business Principles	3
—	KINE - - - -	Health, Wellness, Kinesiology	1
—	MATH 1414	College Algebra	4
			15

SECOND SEMESTER			SCH
—	ENGL 1302	English Composition II	3
—	- - - - - - - -	Humanities: Visual/Performing Arts	3
—	MATH 1324	Finite Mathematics with Business Applications	3
—	- - - - - - - -	Natural Science	4
—	SPCH 1321	Business and Professional Speech	3
			16

THIRD SEMESTER			SCH
—	ACCT 2401	Principles of Accounting I - Financial	4
—	ECON 2301	Principles of Economics: Macroeconomics	3
—	GOVT 2301	American Government I	3
—	MATH 1425	Calculus with Business Applications	4
—	BUSI 2301	Business Law	3
			17

FOURTH SEMESTER			SCH
—	ACCT 2402	Principles of Accounting II - Managerial	4
—	ECON 2302	Principles of Economics: Microeconomics	3
—	GOVT 2302	American Government II	3
—	- - - - - - - -	Natural Science	4
—	- - - - - - - -	Social/Behavioral Science	3
			17
Total Semester Credit Hours for Degree			65

Associate of Applied Science in Management - Tech Prep

FIRST SEMESTER			SCH
—	BMGT 1301	Supervision	3
—	BMGT 1383	Cooperative Education-Business Administration and Management, General *	3
—	ENGL 1301	English Composition I	3
—♦	ITSC 1309	Integrated Software Applications I	3
—♦	MRKG 1311	Principles of Marketing	3
			15

SECOND SEMESTER			SCH
—♦	BMGT 1303	Principles of Management	3
—	BMGT 1307	High Performance Work Teams	3
—	HRPO 1311	Human Relations	3
—	SPCH 1321	Business and Professional Speech	3
—	- - - - - - - -	Social/Behavioral Science	3
			15

THIRD SEMESTER			SCH
—	BMGT 1331	Production and Operations Management	3
—	BMGT 1341	Business Ethics	3
—	ENGL 2311	Technical Writing	3
—	PHIL 2303	Introduction to Logic	3
		or	
—	BUSI 1301	Business Principles	3
—	- - - - - - - -	Humanities/Fine Arts	3
			15

FOURTH SEMESTER			SCH
—	BMGT 2347	Critical Thinking and Problem Solving	3
—●	BMGT 2383	Cooperative Education-Business Administration and Management, General *	3
—	PSYC 2301	Introduction to Psychology	3
		or	
—	- - - - - - - -	Elective - Management/Business Administration	3
—	- - - - - - - -	Natural Science/Mathematics	4
—	- - - - - - - -	Social/Behavioral Science	3
			16
Total Semester Credit Hours for Degree			61

* Students who are not employed in qualifying jobs may select from BMGT 2309 or MRKG 2333 in lieu of BMGT 1383; BUSG 2309 will be the capstone course in lieu of BMGT 2383.

Certificate of Completion in Business

FIRST SEMESTER			SCH
—	BUSI 1301	Business Principles	3
—	BMGT 1303	Principles of Management	3
—	BUSI 2301	Business Law	3
—	MRKG 1311	Principles of Marketing	3
—	BMGT 1331	Production and Operations Management	3
			15
Total Semester Credit Hours for Certificate			15

Certificate of Completion in International Business

FIRST SEMESTER			SCH
—	BUSI 1301	Business Principles	3
—	BMGT 1303	Principles of Management	3
—	MRKG 1311	Principles of Marketing	3
—●	IBUS 1305	Introduction to International Business and Trade	3
—	- - - - - - - -	Social/Behavioral Science	3
			15
Total Semester Credit Hours for Certificate			15

Certificate of Completion in Management

FIRST SEMESTER			SCH
—	BMGT 1301	Supervision	3
—	BMGT 1303	Principles of Management	3
—	BMGT 1307	High Performance Work Teams	3
—	HRPO 1311	Human Relations	3
			12
SECOND SEMESTER			SCH
—	MRKG 1311	Principles of Marketing	3
—	BMGT 1383	Cooperative Education-Business Administration and Management, General	3
—●	BMGT 2347	Critical Thinking and Problem Solving	3
—	- - - - - - - -	Management elective*	3
			12
Total Semester Credit Hours for Certificate			24

* Management elective chosen from BMGT, BUSG, BUSI, MRKG, HRPO.

Certificate of Completion in Small Business Operations

The Certificate of Completion in Small Business Operations is designed for individuals who plan to open their own business and/or those students who want to work for a small organization (usually one with less than fifty full-time employees) in a leadership role. With the assistance of the Management Faculty Advisor, these courses can become part of an AAS in Management for students who want to continue their education.

FIRST SEMESTER	SCH
— BMGT 1301 Supervision	3
— BMGT 1303 Principles of Management	3
— BUSI 1307 Personal Finance	3
— MRKG 1311 Principles of Marketing	3
	12

SECOND SEMESTER	SCH
—● BUSG 2309 Small Business Management	3
— BUSI 2301 Business Law	3
— HRPO 1311 Human Relations	3
— MRKG 2333 Principles of Selling	3
	12

Total Semester Credit Hours for Certificate **24**

Certificate of Completion in Supervision

FIRST SEMESTER	SCH
— BMGT 1307 High Performance Work Teams	3
— HRPO 1311 Human Relations	3
— BMGT 1383 Cooperative Education, Business and Management, General	3
	9

SECOND SEMESTER	SCH
— BMGT 1301 Supervision	3
—● BMGT 2382 Cooperative Education, Business and Management, General	3
	6

Total Semester Credit Hours for Certificate **15**

- Students should plan to take this capstone course in their last semester and should speak with their advisor prior to registering for the final semester.
- Core curriculum courses are shown in bold type. Field of Study (FOS) courses are underlined. If both core and FOS, courses are shown in bold & underline type.
- ◆ Students completing a high school Tech Prep program may receive credit for indicated courses.



Career Pilot Technology

To be eligible for reduced aircraft usage (rental) rates, each student will register in two ground school courses and one flight course during the regular semesters, and one ground school course and one flight course during the summer semesters.

Certificate of Completion in Career Pilot

FIRST SEMESTER				SCH
—	AIRP	1215	Private Flight	2
—	AIRP	1345	Aviation Safety	3
—	AIRP	1317	Private Pilot Ground School	3
				8
SECOND SEMESTER				
—●	AIRP	1255	Intermediate Flight	2
—	AIRP	1343	Aerodynamics	3
—	AIRP	1301	Air Navigation	3
				8
Total Semester Credit Hours for Certificate				16

Certificate of Completion in Instrument Pilot

FIRST SEMESTER				SCH
—	AIRP	1255	Intermediate Flight	2
—	AIRP	1351	Instrument Ground School	3
—	AIRP	1307	Aviation Meteorology	3
				8
SECOND SEMESTER				
—●	AIRP	2250	Instrument Flight	2
—	AIRP	1341	Advanced Air Navigation	3
—	AIRP	2331	Advanced Meteorology	3
				8
Total Semester Credit Hours for Certificate				16

Certificate of Completion in Commercial Pilot

FIRST SEMESTER				SCH
—	AIRP	1255	Intermediate Flight	2
—	AIRP	2333	Aircraft Systems	3
—	AIRP	2337	Commercial Ground School	3
				8
SECOND SEMESTER				
—●	AIRP	2239	Commercial Flight	2
—	AIRP	1343	Aerodynamics	3
—	AIRP	2331	Advanced Meteorology	3
				8
Total Semester Credit Hours for Certificate				16

Communications

Associate of Science in Communications: Audio Recording

Students will gain a basic understanding of the audio recording industry and be able to create a CD.

FIRST SEMESTER			SCH
—	ENGL 1301	English Composition I	3
—	HIST 1301	History of the United States to 1877	
		<i>or</i>	
	HIST 1302	History of the United States since 1877	
		<i>or</i>	
	HIST 2301	History of Texas	3
—	KINE - - - -	Health, Wellness, Kinesiology	1
—	- - - -	Computer Literacy	3
—	MUAP - - -	Elective***	1
—	COMM 2303	Beginning Audio Recording Techniques	3
—	MUSI 1301	Fundamentals of Music	
		<i>or</i>	
—	MUSI 1211	Music Theory I	2-3
			16/17
SECOND SEMESTER			
—	ENGL 1302	English Composition II	3
—	HIST 1301	History of the United States to 1877	
		<i>or</i>	
	HIST 1302	History of the United States since 1877	
		<i>or</i>	
	HIST 2301	History of Texas	3

—	- - - -	- - - -	Humanities: Visual/Performing Arts*	3
—	- - - -	- - - -	Social/Behavioral Science: Other**	3
—	- - - -	- - - -	Mathematics	3
—	MUAP - - - -		Elective***	1
—	COMM 2220		Intermediate Recording Techniques	2
				18

THIRD SEMESTER				
—	GOVT 2301	American Government I		
		<i>or</i>		
	GOVT 2302	American Government II		3
—	- - - -	- - - -	Natural Science	4
—	- - - -	- - - -	Communication: Other	3
—	COMM 2122	Advanced Recording & Production Techniques		1
—	COMM 2324	Electronic Music I (Editing Hard Disk)		3
				14

FOURTH SEMESTER				
—	GOVT 2301	American Government I		
		<i>or</i>		
	GOVT 2302	American Government II		3
—	- - - -	- - - -	Natural Science	4
—	COMM 2389A	Audio Recording Cooperative		3
—	- - - -	- - - -	Humanities: Other^	3
—	COMM 2325	Electronic Music II (MIDI Interface)		3
				16
		Total Semester Credit Hours for Degree		64/65

* MUSI 1306 or 1310 preferred

** Economics courses preferred

^ Philosophy preferred

*** Choose from MUAP 1169, 1181, 1161, 1187, 1191, or 1157 # MATH 1332 or check with transfer university.



Computer Information Systems

Associate of Applied Science in Personal Computer Support Specialist

FIRST SEMESTER

—	ITSC	1309	Integrated Software Applications I	
			<i>or</i>	
	BCIS	1405	Business Computer Applications	3-4
—	ARTC	1453	Computer Illustration*	4
—	CPMT	1411	Introduction to Computer Maintenance	4
—	ITCC	1402	CCNA 1: Networking Basics	4
—	IMED	1316	Web Page Design I*	3
				18
			Total Semester Credit Hours for Certificate	18/19

SECOND SEMESTER

—	ITSC	2321	Integrated Software Applications II**	3
—	IMED	1445	Interactive Multimedia I**	4
—	ARTC	2440	Computer Illustration II**	4
—	ARTC	1413	Digital Publishing I**	4
				15

THIRD SEMESTER

—	ENGL	1301	English Composition I	3
—	----	----	Social/Behavioral Science	3
—	ITSW	2337	Advanced Database*	3
—	----	----	Natural Science	
			<i>or</i>	
	MATH	----	Mathematics	4
—	COSC	1436	Programming Fundamentals I*	4
			<i>or</i>	
—	ITSE	1331	Introduction to Visual BASIC Programming*	3/4
				16/17

FOURTH SEMESTER

—	----	----	Oral Communications	3
—	ITSE	1350	System Analysis and Design**	3
—●	ITSC	2335	Application Problem Solving**	
			<i>or</i>	
—●	ITSC	2339	Personal Computer Help Desk**	3
—	----	----	Humanities/Fine Arts	3
—	----	----	Elective***	3-4
				15/16

Total Semester Credit Hours for Degree **64/67**

* This course will only be offered in the fall semesters.

** This course will only be offered in the spring semesters.

*** Select electives from COSC 1437, IMED 2309, IMED 2315 or ITSC 1364.

Certificate of Completion in Personal Computer Support Specialist I

FIRST SEMESTER

—	ITSC	1309	Integrated Software Applications I	
			<i>or</i>	
	BCIS	1405	Business Computer Applications	3-4
—	ARTC	1453	Computer Illustration*	4
—	CPMT	1411	Introduction to Computer Maintenance	4
—	ITCC	1402	CCNA 1: Networking Basics	4
—	IMED	1316	Web Page Design I*	3
				18
			Total Semester Credit Hours for Certificate	18/19

* This course will only be offered in the fall semesters.

Certificate of Completion in Personal Computer Support Specialist II

FIRST SEMESTER

—	ITSC	1309	Integrated Software Applications I	
			<i>or</i>	
	BCIS	1405	Business Computer Applications	3-4
—	ARTC	1453	Computer Illustration*	4
—	CPMT	1411	Introduction to Computer Maintenance	4
—	ITCC	1402	CCNA 1: Networking Basics	4
—	IMED	1316	Web Page Design I*	3
				18
			Total Semester Credit Hours for Certificate	18/19

SECOND SEMESTER

—	ITSC	2321	Integrated Software Applications II**	3
—	IMED	1445	Interactive Multimedia I**	4
—	ARTC	2440	Computer Illustration II*	4
—●	ARTC	1413	Digital Publishing I**	4
				15

Total Semester Credit Hours for Certificate **33/34**

* This course will only be offered in the fall semesters.

** This course will only be offered in the spring semesters.

Associate of Applied Science in E-Business Web Developer Specialist

FIRST SEMESTER

—	ITSC	1309	Integrated Software Applications I	
			<i>or</i>	
	BCIS	1405	Business Computer Applications	3-4
—	ITSE	1331	Introduction to Visual BASIC Programming	3
—	COSC	1436	Programming Fundamentals I	4
—	ARTC	1453	Computer Illustration	4
—	IMED	1316	Web Page Design I	3
				17/18

SECOND SEMESTER

—	ITSC	2321	Integrated Software Applications II	3
—	ARTC	2440	Computer Illustration II	4
—	ARTC	1413	Digital Publishing I	4
—	ITSE	1350	System Analysis and Design	3
—	MRKG	1311	Principles of Marketing	3
				17

THIRD SEMESTER

—	IBUS	1305	Introduction of International Business and Trade	3
—	BUSG	2309	Small Business Management	3
—	ENGL	1301	English Composition I	3
—	----	----	Oral Communications	3
—	----	----	Humanities/Fine Arts	3
				15

FOURTH SEMESTER

—	IMED	1445	Interactive Multimedia I	4
—	----	----	Natural Science/ Mathematics	4
—	----	----	Social/Behavioral Science	3
—	IMED	2309	Internet Commerce	3
—	IMED	2315	Web Page Design II	3
			<i>or</i>	
—●	ITSC	1364	Practicum (or Field Experience) Computer and Information Sciences, General	3
				17

Total Semester Credit Hours for Certificate **66/67**

Certificate of Completion in E-Business Web Developer Specialist I

FIRST SEMESTER

—	ITSC	1309	Integrated Software Applications I	3
			<i>or</i>	
	BCIS	1405	Business Computer Applications	3-4
—	ITSE	1331	Introduction to Visual BASIC Programming	3
—	COSC	1436	Programming Fundamentals I	4
—	ARTC	1453	Computer Illustration	4
—●	IMED	1316	Web Page Design I	3

Total Semester Credit Hours for Certificate 17/18

Certificate of Completion in E-Business Web Developer Specialist II

FIRST SEMESTER

—	ITSC	1309	Integrated Software Applications I	
			<i>or</i>	
	BCIS	1405	Business Computer Applications	3-4
—	ITSE	1331	Introduction to Visual BASIC Programming	3
—	COSC	1436	Programming Fundamentals I	4
—	ARTC	1453	Computer Illustration	4
—●	IMED	1316	Web Page Design I	3

17/18

SECOND SEMESTER

—	ITSC	2321	Integrated Software Applications II	3
—	ARTC	2440	Computer Illustration II	4
—●	ARTC	1413	Digital Publishing I	4
—	ITSE	1350	System Analysis and Design	3
—	MRKG	1311	Principles of Marketing	3

17

Total Semester Credit Hours for Certificate 34/35

Certificate of Completion in Digital Media I

FIRST SEMESTER

—	ITSC	1309	Integrated Software Applications	
			<i>or</i>	
	ARTC	1405	Business Computer Applications	3-4
—	ARTC	1453	Computer Illustration	4
—●	IMED	1316	Web Page Design I	3
—	MRKG	1311	Principles of Marketing	3
—	ARTS	2313	Design Communications I	3

16/17

Total Semester Credit Hours for Certificate 16/17

Certificate of Completion in Digital Media II

FIRST SEMESTER

—	ITSC	1309	Integrated Software Applications	
			<i>or</i>	
	ARTC	1405	Business Computer Applications	3-4
—	ARTC	1453	Computer Illustration	4
—	IMED	1316	Web Page Design I	3
—	MRKG	1311	Principles of Marketing	3
—	ARTS	2313	Design Communications I	3

16/17

SECOND SEMESTER

—●	ITSC	2321	Integrated Software Applications II	3
—	ARTC	2440	Computer Illustration II	4
—	IMED	1445	Interactive Multimedia I	4
—	ARTC	1413	Digital Publishing I	4

15

Total Semester Credit Hours for Degree 31/32

● Students should plan to take this capstone course in their last semester and should speak with their advisor prior to registering for the final semester.
 Core curriculum courses are shown in bold type. Field of Study (FOS) courses are underlined. If both core and FOS, courses are shown in bold & underline type.
 ♦ Students completing a high school Tech Prep program may receive credit for indicated courses.



Computer Maintenance Technology

Associate of Applied Science in Computer Maintenance Technology-Tech Prep

This tech prep program is designed to prepare students with concepts and skills required for entry level employment into computer support and maintenance careers. Completion prepares the student with CISCO routing skills.

FIRST SEMESTER	SCH
— CPMT 1407 Electronic and Computer Skills	4
— CPMT 1449 Computer Networking Technology	4
— TECM 1341 Technical Algebra	3
—♦ ITSC 1309 Integrated Software Applications I	3
—♦ CPMT 1411 Introduction to Computer Maintenance	4
	18
SECOND SEMESTER	
— ITCC 1402 CCNA 1: Networking Basics	4
— CPMT 2445 Computer System Troubleshooting	4
— TECM 1349 Technical Math Applications	3
— ENGL - - - - Written Communication	3
— - - - - Humanities/Fine Arts	3
	17
THIRD SEMESTER	
— - - - - Elective*	4
— SPCH - - - - Oral Communications	3
— POFT 2312 Business Correspondence & Communication	
or	
— BUSI 1304 Business Report Writing & Correspondence	3
— - - - - Social/Behavioral Science	3
— - - - - Elective*	3
	16
FOURTH SEMESTER	
— - - - - Natural Science	4
—● CPMT - - - - Capstone Course**	4
— - - - - Elective*	4
	12
Total Semester Credit Hours for Degree	63

* Electives should be chosen from ITCC or ITNW courses for network maintenance concentration. Otherwise, electives should be chosen from computer related areas.

** The capstone experience will be assigned by the Lead Instructor as CPMT 2449 or CPMT 2488.

Certificate of Completion in Computer Maintenance Technology

FIRST SEMESTER	SCH
— CPMT 1407 Electronic and Computer Skills	4
— TECM 1341 Technical Algebra	3
— CPMT 1449 Computer Networking Technology	4
— CPMT 1411 Introduction to Computer Maintenance	4
	15
SECOND SEMESTER	
— CPMT 2445 Computer System Troubleshooting	4
— TECM 1349 Technical Math Applications	3
— ITCC 1402 CCNA 1: Networking Basics	4
—● CPMT - - - - Capstone Experience**	4
	15

Total Semester Credit Hours for Certificate **30**

** The capstone experience will be assigned by the Lead Instructor as CPMT 2449 or CETT 2488.

Certificate of Completion in Network Maintenance Technology

FIRST SEMESTER	SCH
— ITCC 1402 CCNA 1: Networking Basics	4
— CPMT 1411 Introduction to Computer Maintenance	4
— CPMT 1407 Electronic and Computer Skills	4
	12
SECOND SEMESTER	
— CPMT 1449 Computer Networking Technology	4
— ITCC 1406 CCNA 2: Router and Routing Basics	4
— CPMT 2445 Computer System Troubleshooting	4
	12
THIRD SEMESTER	
—● CPMT 2449 Advanced Computer Networking Technology	4
— ITCC 1442 CCNA 3: Switching Basic and Intermediate Routing	4
— ITCC 1446 CCNA 4: WAN Technologies	4
	12
Total Semester Credit Hours for Certificate	36

** The capstone experience will be assigned by the Lead Instructor as CPMT 2449 or CPMT 2488.

Computer Programming Computer Science

Associate of Science in Computer Science - Field of Study

This degree plan is designed for students who plan to major in Computer Science and transfer to a four-year college or university. The Field of Study courses will constitute a semester credit hour transfer block to any public Texas four-year college or university with a Computer Science major. Transferring students shall not be required to repeat courses transferred as part of the Field of Study curriculum. However, a receiving institution can require additional lower-division courses that may be necessary for specific degree programs. Students should plan very carefully and work with an advisor.

FIRST SEMESTER	SCH
— ENGL 1301 English Composition I	3
— COSC 1301 Microcomputer Applications	3
— <u>COSC 1436</u> <u>Programming Fundamentals I</u>	4
— HIST 1301 History of the United States to 1877	
or	
HIST 1302 History of the United States since 1877	
or	
HIST 2301 History of Texas	3
— - - - - - - - - Humanities: Visual/Performing Arts	3
	16
SECOND SEMESTER	
— HIST 1301 History of the United States to 1877	
or	
HIST 1302 History of the United States since 1877	
or	
HIST 2301 History of Texas	3
— <u>COSC 1437</u> <u>Programming Fundamentals II</u>	4
— ENGL 1302 English Composition II	3
— - - - - - - - - Communication: Other	3
— MATH 2413 Calculus I with Analytic Geometry	4
	17
THIRD SEMESTER	
— - - - - - - - - Humanities: Other	3
— GOVT 2301 American Government I	3
— <u>COSC 2325</u> <u>Computer Organization & Machine Language</u>	3
— <u>MATH 2414</u> <u>Calculus II with Analytic Geometry</u>	4
— PHYS 2425 Mechanics & Heat	4
	17
FOURTH SEMESTER	
— GOVT 2302 American Government II	3
— <u>COSC 2436</u> <u>Programming Fundamentals III</u>	4
— KINE - - - - Health, Wellness, Kinesiology	1
— PHYS 2426 Electricity, Optics & Waves	4
— - - - - - - - - Social/Behavioral Science: Other	3
	15
Total Semester Credit Hours for Degree	65

- Students should plan to take this capstone course in their last semester and should speak with their advisor prior to registering for the final semester. **Core curriculum courses are shown in bold type. Field of Study (FOS) courses are underlined. If both core and FOS, courses are shown in bold & underline type.**
- ◆ Students completing a high school Tech Prep program may receive credit for indicated courses.



Cosmetology

Associate of Applied Science in Cosmetology Instructor

To earn this degree, students must have a GED or high school diploma and a valid TDLR Cosmetologist License.

FIRST SEMESTER			SCH
—	CSME 1435	Orientation to the Instruction of Cosmetology	4
—	CSME 1434	Cosmetology Instructor I	4
—	ENGL 1301	English Composition I	3
—	ITSC 1309	Integrated Software Applications I	3
—	-----	Elective	3
			17
SECOND SEMESTER			
—	CSME 2414	Cosmetology Instructor II	4
—	CSME 2415	Cosmetology Instructor III	4
—	ENGL 1302	English Composition II	
		or	
	ENGL 2311	Technical Writing	3
—	SPCH 1315	Principles of Public Speaking	3
—	BMGT 1301	Supervision	3
			17
THIRD SEMESTER			
—	CSME 2444	Cosmetology Instructor IV	4
—	BMGT 1307	High Performance Work Teams	3
—	-----	Natural Science/Mathematics	4
—	HUMA 1301	Introduction to the Humanities I	
		or	
	PHIL 1301	Introduction to Philosophy	3
			14
FOURTH SEMESTER			
—●	CSME 2445	Instructional Theory and Clinic Operation	4
—	HRPO 1311	Human Relations	3
—	-----	Social/Behavioral Science	3
—	-----	Elective	3
			13
Total Semester Credit Hours for Degree			61

Certificate of Completion as Cosmetology Student Instructor

To earn this certificate, students must have a GED or high school diploma, a valid TDLR Cosmetologist License, and successfully complete courses contained in a block unit taught in three semesters.

FIRST SEMESTER			SCH
—	CSME 1435	Orientation to the Instruction of Cosmetology	4
—	CSME 1434	Cosmetology Instructor I	4
			8
SECOND SEMESTER			
—	CSME 2414	Cosmetology Instructor II	4
—	CSME 2415	Cosmetology Instructor III	4
			8
THIRD SEMESTER			
—●	CSME 2444	Cosmetology Instructor IV	4
—	CSME 2445	Instructional Theory and Clinic Operation	4
			8
Total Semester Credit Hours for Certificate			24

Certificate of Completion in Cosmetology

This certificate program will provide for 1500 hours of instruction scheduled on the basis of 32 hours per week, to be completed within 12 months. This program will provide students with an opportunity to learn the basic manipulative and theoretical skills necessary to become a licensed cosmetologist.

To earn a certificate, students must successfully complete courses contained in a block unit taught in three semesters.

To be eligible for licensing by the Texas Department of Licensing & Regulation, the students must have completed the following courses of study and must show satisfactory completion of the state administered exam.

FIRST SEMESTER			SCH
—	CSME 1505	Fundamentals of Cosmetology	5
—	CSME 1410	Introduction to Haircutting and Related Theory	4
—	CSME 1453	Chemical Reformation and Related Theory	4
—	CSME 1248	Principles of Skin Care	2
			15
SECOND SEMESTER			
—	CSME 2401	The Principles of Hair Coloring and Related Theory	4
—	CSME 1551	Artistry of Hair, Theory and Practice	5
—	CSME 1244	Introduction to Salon Development	2
—	CSME 2344	Preparation for the State Licensing Written Examination	3
			14
THIRD SEMESTER			
—	CSME 2337	Advanced Cosmetology Techniques	3
—●	CSME 2245	Preparation for the State Licensing Practical Examination	2
—	CSME 2539	Advanced Hair Design	5
—	CSME 2343	Salon Development	3
			13
Total Semester Credit Hours for Certificate			42

Certificate of Completion in Nail Design

To earn a certificate, students must successfully complete 616 clock hours offered in two semesters.

FIRST SEMESTER			SCH
—	CSME 1330	Orientation to Nail Technology	3
—	CSME 1431	Principles of Nail Technology I	4
			7
SECOND SEMESTER			
—●	CSME 1441	Principles of Nail Technology II	4
—	CSME 2530	Nail Enhancement	5
			9
Total Semester Credit Hours for Certificate			16

Criminal Justice and Corrections

Associate of Science in Criminal Justice - Field of Study

This degree plan is designed for students who plan to major in Criminal Justice and transfer to a four-year college or university. The Field of Study courses will constitute a semester credit hour transfer block to any public Texas four-year college or university with a Criminal Justice major. Transferring students shall not be required to repeat courses transferred as part of the field of study curriculum. However, a receiving institution can require additional lower-division courses that may be necessary for specific degree programs. Students should plan very carefully and work with an advisor.

Students will gain basic knowledge about law enforcement, the courts, corrections, and criminal law.

FIRST SEMESTER		SCH
—	ENGL 1301 English Composition I	3
—	HIST 1301 History of the United States to 1877	
	<i>or</i>	
	HIST 1302 History of the United States since 1877	
	<i>or</i>	
	HIST 2301 History of Texas	3
—	---- Humanities: Visual/Performing Arts	3
—	KINE ---- Health, Wellness, Kinesiology	1-3
—	◆ <u>CRIJ 1301 Introduction to Criminal Justice</u>	3
—	COSC 1301 Microcomputer Applications	3
		16/18
SECOND SEMESTER		
—	ENGL 1302 English Composition II	3
—	HIST 1301 History of the United States to 1877	
	<i>or</i>	
	HIST 1302 History of the United States since 1877	
	<i>or</i>	
	HIST 2301 History of Texas	3
—	---- Social/Behavioral Science: Other	3
—	---- Humanities: Other	3
—	<u>CRIJ 1306 Court Systems and Practices</u>	3
		15
THIRD SEMESTER		
—	GOVT 2301 American Government I	
	<i>or</i>	
	GOVT 2302 American Government II	3
—	SPCH 1315 Principles of Public Speaking	
	<i>or</i>	
—	SPCH 1318 Interpersonal Communication	3
—	---- Natural Science	4
—	<u>CRIJ 1310 Fundamentals of Criminal Law</u>	3
—	<u>CRIJ 2328 Police Systems and Practices</u>	3
		16
FOURTH SEMESTER		
—	GOVT 2301 American Government I	
	<i>or</i>	
	GOVT 2302 American Government II	3
—	MATH 1414 College Algebra	
	<i>or</i>	
	MATH 1332 Contemporary Mathematics I	3-4
—	---- Natural Science	4
—	<u>CRIJ 2313 Correctional Systems & Practices</u>	3
—	CRIJ ---- Criminal Justice elective	3
		16/17
Total Semester Credit Hours for Degree		63/66

Associate Of Applied Science In Law Enforcement Tech Prep

The Law Enforcement Tech Prep degree program provides the core curriculum developed by the Criminal Justice Commission appointed by the Texas Higher Education Coordinating Board. The following degree program has been designed to provide the students with basic skills for employment in law enforcement.

FIRST SEMESTER		SCH
—	ENGL ---- Written Communication	3
—	PSYC 2301 Introduction to Psychology	3
—	◆ <u>CRIJ 1301 Introduction to Criminal Justice</u>	3
—	◆ <u>CRIJ 2328 Police Systems and Practices</u>	3
—	◆ ITSC 1309 Integrated Software Applications I	
	<i>or</i>	
	COSC 1301 Microcomputer Applications	3
		15
SECOND SEMESTER		
—	ENGL ---- Written Communication	3
—	CRIJ 1306 Court Systems and Practices	3
—	---- Humanities/Fine Arts	3
—	SOCI 1301 Introduction to Sociology	3
—	---- Elective	3
		15
THIRD SEMESTER		
—	SPCH 1315 Principles of Public Speaking	
	<i>or</i>	
—	SPCH 1318 Interpersonal Communication	3
—	CRIJ 1310 Fundamentals of Criminal Law	3
—	CRIJ 2313 Correctional Systems and Practices	3
—	---- Criminal Justice elective *	3
—	---- Elective	3
		15
FOURTH SEMESTER		
—	---- Natural Science	4
—	CRIJ 2314 Criminal Investigation	3
—	● CRIJ 2323 Legal Aspects of Law Enforcement	3
—	---- Criminal Justice elective *	3
—	SOCI 1306 Social Problems	3
		16
Total Semester Credit Hours for Degree		61

* CJSA 2382 may be chosen to satisfy one of these electives.

- Students should plan to take this capstone course in their last semester and should speak with their advisor prior to registering for the final semester.
- ◆ Core curriculum courses are shown in bold type. Field of Study (FOS) courses are underlined. If both core and FOS, courses are shown in bold & underline type.
- ◆ Students completing a high school Tech Prep program may receive credit for indicated courses.



Certificate of Completion in Law Enforcement

FIRST SEMESTER			SCH
__	CRIJ 1301	Introduction to Criminal Justice	3
__	CRIJ 1310	Fundamentals of Criminal Law	3
__	ENGL - - - -	Written Communication	3
__	ITSC 1309	Integrated Software Applications I	3
		<i>or</i>	
	COSC 1301	Microcomputer Applications	3
__	CRIJ 2313	Correctional Systems and Practices	3
			15
SECOND SEMESTER			
__	CRIJ 1306	Court Systems and Practices	3
__	CRIJ 2314	Criminal Investigation	3
__	-----	Criminal Justice elective *	3
__	PSYC 2301	Introduction to Psychology	3
			12
THIRD SEMESTER			
__●	CRIJ 2328	Police Systems and Practices	3
__	SOCI 1301	Introduction to Sociology	
__	SPCH 1315	Principles of Public Speaking	
		<i>or</i>	
__	SPCH 1318	Interpersonal Communication	3
__	-----	Criminal Justice elective *	3
__	SOCI 1306	Social Problems	3
			15
Total Semester Credit Hours for Certificate			42

* CJSA 2382 may be chosen to satisfy one of these electives.

Drafting Technology - CADD

Associate of Applied Science in Computer Aided Drafting & Design Engineering Technology

The Drafting Technology program provides training experience in computer-aided drafting. The associate of applied science degree prepares students for entrance into the drafting profession confident of having received a strong foundation in drafting disciplines and skills.

Note: Students should review the catalog course descriptions to determine specific course prerequisites. Some drafting electives may have another drafting elective as a prerequisite. Students planning to transfer should see a counselor or a faculty advisor for transferable course substitutions.

FIRST SEMESTER	SCH
__◆ DFTG 1405 Technical Drafting	4
__◆ DFTG 1409 Basic Computer-Aided Drafting	4
__ ---- Computer Literacy	3-4
__ TECM 1349 Technical Math Applications	3
__ POFT 1132 Workplace Diversity	1
	15-16
SECOND SEMESTER	
__ DFTG ---- Elective	4
__ DFTG 2419 Intermediate Computer-Aided Drafting	4
__ ---- Social/Behavioral Science	3
__ ENGL 1301 English Composition I	3
__ ---- Humanities/Fine Arts	3
	17
THIRD SEMESTER	
__ DFTG ---- Elective	4
__ DFTG ---- Elective	4
__ POFT 2312 Business Correspondence & Communication	3
__ ---- Elective outside major *	3-4
	14/15
FOURTH SEMESTER	
__ DFTG ---- Elective	4
__● DFTG 2438 Final Project-Advanced Drafting	
or	
__● DFTG 2486 Internship-Drafting and Design Technology/ Technician, General	4
__ ---- Natural Science	4
__ ---- Oral Communications	3
	15
Total Semester Credit Hours for Degree	61/63

* Suggested Electives Outside Major ARCE 1403, 1442, ELPT 1325, MCHN 1452, PFPB 1305, 1408 or PTAC 1410.

** DFTG Electives should be chosen from DFTG 1417, 1433, 1458, 2400, 2408, 2412, 2423, 2427, 2428, 2430, 2431, 2432, 2435, 2442, 2445, 2467.

Students should plan to take the capstone course in their last semester and should speak to their advisor prior to registering for the final semester.

The following two certificate exit points allow students to seek employment after a concentrated drafting program. (First semester courses may not be substituted in the Computer Aided Drafting & Design.)

Certificate of Completion in Computer Aided Drafting & Design

FIRST SEMESTER	SCH
__◆ DFTG 1405 Technical Drafting	4
__◆ DFTG 1409 Basic Computer-Aided Drafting	4
	8
SECOND SEMESTER	
__ DFTG ---- Elective*	4
__● DFTG 2419 Intermediate Computer-Aided Drafting	4
	8
Total Semester Credit Hours for Certificate	16

* DFTG Electives should be chosen from DFTG 1417, 1433, 1458, 2400, 2408, 2412, 2423, 2427, 2428, 2430, 2431, 2432, 2435, 2440, 2442, 2445, 2467.

Certificate of Completion in Computer Aided Drafting & Design - Advanced Technology

Students should review the catalog course descriptions to determine specific course prerequisites. Some drafting electives may have another drafting elective as a prerequisite. Students planning to transfer should see a counselor or a faculty advisor for a transferable course substitution.

FIRST SEMESTER	SCH
__◆ DFTG 1405 Technical Drafting	4
__◆ DFTG 1409 Basic Computer-Aided Drafting	4
	8
SECOND SEMESTER	
__ DFTG ---- Elective*	4
__ DFTG 2419 Intermediate Computer-Aided Drafting	4
	8
THIRD SEMESTER	
__ DFTG ---- Elective*	4
__ DFTG ---- Elective*	4
	8
FOURTH SEMESTER	
__ DFTG ---- Elective*	4
__● DFTG 2486 Internship-Drafting and Design Technology/ Technician, General	
or	
__● DFTG 2438 Final Project Advanced Drafting	4
	8
Total Semester Credit Hours for Certificate	32

* DFTG Electives should be chosen from DFTG 1417, 1433, 1458, 2400, 2408, 2412, 2423, 2427, 2428, 2430, 2431, 2432, 2435, 2440, 2442, 2445, 2467.

● Students should plan to take this capstone course in their last semester and should speak with their advisor prior to registering for the final semester.
Core curriculum courses are shown in bold type. *Field of Study (FOS) courses are underlined.* **If both core and FOS, courses are shown in bold & underline type.**
 ◆ Students completing a high school Tech Prep program may receive credit for indicated courses.



Drama

Associate of Arts in Drama

Students will gain a basic understanding of all facets of the theatre from acting to set design. Students will gain the skill to compete for entry level positions.

FIRST SEMESTER	SCH
— ----- Humanities: Visual/Performing Arts	3
— DRAM 1351 Introduction to Acting	3
— DRAM 1120 Theatre Arts Lab I	1
— ENGL 1301 English Composition I	3
— DRAM 2336 Voice and Diction	3
— ----- Natural Science	4
	17

SECOND SEMESTER	SCH
— DRAM 1330 Elementary Stagecraft	3
— ----- Social/Behavioral Science: Other	3
— DRAM ----- Elective*	3
— DRAM 1121 Theatre Arts Lab II	1
— ENGL 1302 English Composition II	3
— MATH ----- Mathematics	3
	16

THIRD SEMESTER	SCH
— HIST 1301 History of the United States to 1877	
<i>or</i>	
HIST 1302 History of the United States since 1877	
<i>or</i>	
HIST 2301 History of Texas	3
— DRAM ----- Elective*	3
— DRAM 2120 Theatre Arts Lab III	1
— ----- Humanities: Other	3
— GOVT 2301 American Government I	3
— ----- Computer Literacy	3
— KINE ----- Health, Wellness, Kinesiology	1
	17

FOURTH SEMESTER	SCH
— HIST 1301 History of the United States to 1877	
<i>or</i>	
HIST 1302 History of the United States since 1877	
<i>or</i>	
HIST 2301 History of Texas	3
— DRAM ----- Elective*	1-3
— DRAM ----- Elective*	3
— GOVT 2302 American Government II	3
— ----- Natural Science	4
	14/16
Total Semester Credit Hours for Degree	64/66

* Drama electives to be chosen from DRAM 1341, 1352, 2121, 2189, 2331, 2361, 2362, 2366

Associate of Arts in Drama – Technical Theatre

FIRST SEMESTER	SCH
— ----- Humanities: Visual/Performing Arts	3
— DRAM 1330 Elementary Stagecraft	3
— DRAM 1120 Theatre Arts Lab I	1
— ENGL 1301 English Composition I	3
— DRAM 2336 Voice and Diction	3
— ----- Natural Science	4
	17

SECOND SEMESTER	SCH
— DRAM 1341 Theatrical Makeup	3
— ----- Social/Behavioral Science: Other	3
— DRAM 2331 Advanced Stagecraft	3
— DRAM 1121 Theatre Arts Lab II	1
— ENGL 1302 English Composition II	3
— MATH ----- Mathematics	3
	16

THIRD SEMESTER	SCH
— HIST 1301 History of the United States to 1877	
<i>or</i>	
HIST 1302 History of the United States since 1877	
<i>or</i>	
HIST 2301 History of Texas	3
— DRAM 1342 Introduction to Costume	3
— DRAM 2120 Theatre Arts Lab III	1
— ----- Humanities: Other	3
— GOVT 2301 American Government I	3
— ----- Computer Literacy	3
— KINE ----- Health, Wellness, Kinesiology	1
	17

FOURTH SEMESTER	SCH
— HIST 1301 History of the United States to 1877	
<i>or</i>	
HIST 1302 History of the United States since 1877	
<i>or</i>	
HIST 2301 History of Texas	3
— DRAM 2362 History of Theatre II	1-3
— DRAM ----- Elective *	3
— GOVT 2302 American Government II	3
— ----- Natural Science	4
	14/16
Total Semester Credit Hours for Degree	64/66

* Drama electives to be chosen from DRAM 1341, 1352, 2121, 2189, 2331, 2361, 2362, 2366

Education

Associate of Arts in Teaching: Early Childhood to Grade 4 Generalist

Students will gain a basic understanding of the general role of education within the context of community, families, and child development, as well as the role of agencies. Upon completion, students will have enough hours to seek jobs as daycare workers, substitute teachers or paraprofessionals.

FIRST SEMESTER			SCH
___ ENGL	1301	English Composition I	3
___ HIST	1301	History of the United States to 1877	
		or	
	HIST 1302	History of the United States Since 1877	3
___ - - - -	- - - -	Natural Science	4
___ MATH	1414	College Algebra	4
___ TECA	<u>1311</u>	<u>Educating Young Children</u>	<u>3</u>
			17

SECOND SEMESTER			SCH
___ ENGL	1302	English Composition II	3
___ HIST	2301	History of Texas *	3
___ - - - -	- - - -	Humanities: Visual & Performing Arts	3
___ - - - -	- - - -	Natural Science	4
___ MATH	<u>1350</u>	<u>Fundamentals of Mathematics I</u>	<u>3</u>
			16

THIRD SEMESTER			SCH
___ GOVT	2301	American Government I	
		or	
	GOVT 2302	American Government II	3
___ - - - -	- - - -	Social/Behavioral Science: Other	3
___ SPCH	1315	Principles of Public Speaking	
		or	
	SPCH 1321	Business and Professional Speech	3
___ KINE	- - - -	Health, Wellness, Kinesiology	1
___ MATH	<u>1351</u>	<u>Fundamentals of Mathematics II</u>	<u>3</u>
___ TECA	<u>1318</u>	<u>Wellness of the Young Child</u>	<u>3</u>
			16

FOURTH SEMESTER			SCH
___ GOVT	2301	American Government I	
		or	
	GOVT 2302	American Government II	3
___ - - - -	- - - -	Humanities: Other	3
___ BCIS	1405	Business Computer Applications *	4
___ TECA	<u>1303</u>	<u>Family, School, and Community</u>	<u>3</u>
___ TECA	<u>1354</u>	<u>Child Growth and Development</u>	<u>3</u>
			16
Total Semester Credit Hours for Degree			65

* Recommended

Associate of Arts in Teaching Early Childhood to Grade 4 Bilingual Generalist or ESL Generalist

Along with understanding the general role of education, students will focus on math and science for primary learners. Upon completion, students will have enough hours to seek jobs as substitute teachers or paraprofessionals.

FIRST SEMESTER			SCH
___ ENGL	1301	English Composition I	3
___ HIST	1301	History of the United States to 1877	
		or	
	HIST 1302	History of the United States Since 1877	3
___ - - - -	- - - -	Natural Science	4
___ MATH	1414	College Algebra	4
___ EDUC	<u>1301</u>	<u>Introduction to the Teaching Profession</u>	<u>3</u>
			17

SECOND SEMESTER			SCH
___ ENGL	1302	English Composition II *	3
___ HIST	2301	History of Texas ##	3
___ - - -	- - -	Humanities: Visual & Performing Arts	3
___ - - -	- - -	Natural Science	4
___ MATH	<u>1350</u>	<u>Fundamentals of Mathematics I</u>	<u>3</u>
			16

THIRD SEMESTER			SCH
___ GOVT	2301	American Government I	
		or	
	GOVT 2302	American Government II	3
___ - - -	- - -	Social/Behavioral Science: Other #	3
___ SPCH	1315	Principles of Public Speaking	
		or	
	SPCH 1321	Business and Professional Speech	3
___ KINE	- - -	Health, Wellness, Kinesiology	1
___ MATH	<u>1351</u>	<u>Fundamentals of Mathematics II</u>	<u>3</u>
___ - - -	- - -	Natural Science ###	3-4
			16-17

FOURTH SEMESTER			SCH
___ GOVT	2301	American Government I	
		or	
	GOVT 2302	American Government II	3
___ - - -	- - -	Humanities: Other	3
___ BCIS	1405	Business Computer Applications ##	4
		Natural Science ###	3-4
___ EDUC	<u>2301</u>	<u>Introduction to Special Populations</u>	<u>3</u>
			16-17
Total Semester Credit Hours for Degree			65/67

* Check with transfer institution since ENGL 2311, Technical Writing may be required.

GEOG 1303 recommended

Recommended

Biological (BIOL) and Physical Science courses (CHEM, ENVR, GEOL, PHYS) are required. PHYS 1415 is recommended.



Associate of Arts in Teaching Grade 4 to 8 Generalist – Field of Study

Along with understanding the general role of education, students will focus on math skills of the late primary and intermediate learners. Upon completion, students will have enough hours to seek jobs as substitute teachers or paraprofessionals.

FIRST SEMESTER		SCH
___ ENGL 1301	English Composition I	3
___ HIST 1301	History of the United States to 1877	
	or	
___ HIST 1302	History of the United States Since 1877	3
___ - - - -	Natural Science	4
___ MATH 1414	College Algebra	4
___ EDUC 1301	Introduction to the Teaching Profession	3
		17

SECOND SEMESTER		SCH
___ ENGL 1302	English Composition II *	3
___ HIST 2301	History of Texas ##	3
___ - - - -	Humanities: Visual & Performing Arts	3
___ - - - -	Natural Science	4
___ MATH 1350	Fundamentals of Mathematics I	3
		16

THIRD SEMESTER		SCH
___ GOVT 2301	American Government I	
	or	
___ GOVT 2302	American Government II	3
___ - - - -	Social/Behavioral Science: Other #	3
___ SPCH 1315	Principles of Public Speaking	
	or	
___ SPCH 1321	Business and Professional Speech	3
___ KINE - - -	Health, Wellness, Kinesiology	1
___ MATH 1351	Fundamentals of Mathematics II	3
___ - - - -	Natural Science ###	3-4
		16/17

FOURTH SEMESTER		SCH
___ GOVT 2301	American Government I	
	or	
___ GOVT 2302	American Government II	3
___ - - - -	Humanities: Other	3
___ BCIS 1405	Business Computer Applications ##	4
	Natural Science ###	3-4
___ EDUC 2301	Introduction to Special Populations	3
		16-17
Total Semester Credit Hours for Degree		65/67

* Check with transfer institution since ENGL 2311, Technical Writing may be required.

GEOG 1303 recommended

Recommended

Check with transfer institution for specific requirements

Associate of Arts in Teaching: Education Certification - Field of Study

Along with understanding the general role of education, students will focus on an area of specialization applied to early childhood through grade 12 or grades 8 through 12. Upon completion, students will have enough hours to seek jobs as substitute teachers or paraprofessionals.

See a counselor for specific courses.

Grades 8-12 Certification Areas

- History
- Physical Science
- Speech
- Technology Applications
- Life Science
- Mathematics
- Mathematics & Physics
- Mathematics & Physical Science & Engineering
- Science

EC-Grade 12 Certification Areas

- Art
- Music
- Physical Education
- Theatre
- Technical Applications

FIRST SEMESTER		SCH
___ ENGL 1301	English Composition I	3
___ HIST 1301	History of the United States to 1877	
	or	
___ HIST 1302	History of the United States Since 1877	
	or	
___ HIST 2301	History of Texas ##	3
___ - - - -	Natural Science	4
___ - - - -	Computer Literacy	3-4
___ - - - -	Specialization*	3-4
		16/18

SECOND SEMESTER		SCH
___ ENGL 1302	English Composition II	3
___ HIST 1301	History of the United States to 1877	
	or	
___ HIST 1302	History of the United States Since 1877	
	or	
___ HIST 2301	History of Texas ##	3
___ MATH 1414	College Algebra	4
___ - - - -	Natural Science	4
___ - - - -	Specialization*	3-4
		17/18

THIRD SEMESTER		SCH
___ GOVT 2301	American Government I	
	or	
___ GOVT 2302	American Government II	3
___ - - - -	Humanities: Visual & Performing Arts	3
___ SPCH 1315	Principles of Public Speaking	
	or	
___ SPCH 1321	Business and Professional Speech	3
___ - - - -	Specialization*	3-4
___ EDUC 1301	Introduction to the Teaching Profession	3
		15/16

FOURTH SEMESTER		SCH
___ GOVT 2301	American Government I	
	or	
___ GOVT 2302	American Government II	3
___ - - - -	Humanities: Other	3
___ - - - -	Social/Behavioral Science: Other	3
___ KINE - - -	Health, Wellness, and Kinesiology	1
___ - - - -	Specialization**	3-0
___ EDUC 2301	Introduction to Special Populations	3
		16/13
Total Semester Credit Hours for Degree		64/65

* Choose from above certification areas and complete only 12 SCHs to satisfy specialization, i.e., those taking 4 SCH courses will only need to take three courses.

** If 12 SCHs have already been taken in the specialization, an additional course is not required.

Recommended

Electrical Technology

Associate of Applied Science in Electrical Technology

FIRST SEMESTER			SCH
—	ELPT 1325	National Electrical Code I	3
—	ELPT 1419	Fundamentals of Electricity I	4
—	TECM 1341	Technical Algebra	3
—	ITSC 1309	Integrated Software Applications I	3
—	-----	Natural Science	4
			17
SECOND SEMESTER			
—	ELPT 1420	Fundamentals of Electricity II	4
—	ELPT 1455	Electronic Applications	4
—	TECM 1349	Technical Math Applications	3
—	ENGL -----	Written Communication	3
—	-----	Humanities/Fine Arts	3
			17
THIRD SEMESTER			
—	ELPT 2405	Motors and Transformers	4
—	ELPT 2319	Programmable Logic Controllers I	3
—	SPCH 1315	Principles of Public Speaking	3
—	ENGL -----	Written Communication	3
—	ELPT 1445	Commercial Wiring	4
			17
FOURTH SEMESTER			
—●	ELPT 1441	Motor Control	4
—	ELPT -----	Elective*	3
—	-----	Social/Behavioral Science	3
—	-----	Elective	3
			13
Total Semester Credit Hours for Degree			64

* *Electrical Studies elective may be chosen from ELPT 1321, 2301, 2325, 2331, 2355, 2380, or others as approved by lead instructor.*

Certificate of Completion in Electrical Technology

FIRST SEMESTER			SCH
—	ELPT 1325	National Electrical Code I	3
—	ELPT 1419	Fundamentals of Electricity I	4
—	ELPT -----	Elective*	3
			10
SECOND SEMESTER			
—	ELPT 1420	Fundamentals of Electricity II	4
—	ELPT 1455	Electronic Applications	4
—	ELPT 2405	Motors and Transformers	4
			12
THIRD SEMESTER			
—	ELPT 2319	Programmable Logic Controllers I	3
—	ELPT 1445	Commercial Wiring	4
—●	ELPT 1441	Motor Control	4
			11
Total Semester Credit Hours for Certificate			33

* *Electrical Studies elective may be chosen from ELPT 2301, 1321, 2325, 2331, 2355, or others as approved by lead instructor.*

● Students should plan to take this capstone course in their last semester and should speak with their advisor prior to registering for the final semester.
 Core curriculum courses are shown in bold type. Field of Study (FOS) courses are underlined. If both core and FOS, courses are shown in bold & underline type.
 ♦ Students completing a high school Tech Prep program may receive credit for indicated courses.



English

Associate Of Arts In English

Students will expand their knowledge of composition, research, genres, and literary criticism. Through their writing, students will show their understanding of literary principles and how literature reflects society.

FIRST SEMESTER			SCH
—	ENGL 1301	English Composition I	3
—	SPAN 1411	Beginning Spanish	4
—	HIST 1301	History of the United States to 1877	
		<i>or</i>	
	HIST 1302	History of the United States since 1877	
		<i>or</i>	
	HIST 2301	History of Texas	3
—	MATH 1414	College Algebra	
		<i>or</i>	
	MATH 1332	Contemporary Mathematics I	3-4
—	KINE - - - -	Health, Wellness, Kinesiology	1
			14/15
SECOND SEMESTER			
—	ENGL 1302	English Composition II	3
—	SPAN 1412	Intermediate Spanish	4
—	HIST 1301	History of the United States to 1877	
		<i>or</i>	
	HIST 1302	History of the United States since 1877	
		<i>or</i>	
	HIST 2301	History of Texas	3
—	SPCH 1315	Principles of Public Speaking	3
—	- - - - -	Computer Literacy	3-4
			16/17
THIRD SEMESTER			
—	GOVT 2301	American Government I	3
—	ENGL - - - -	Sophomore Literature	3
—	- - - - -	Social/Behavioral Science: Other	3
—	- - - - -	Natural Science	4
—	- - - - -	Humanities: Visual/Performing Arts	3
			16
FOURTH SEMESTER			
—	GOVT 2302	American Government II	3
—	- - - - -	Humanities: Other	3
—	- - - - -	Natural Science	4
—	ENGL - - - -	Sophomore Literature	3
—	- - - - -	Elective	3
			16
Total Semester Credit Hours for Degree			62/64

Gerontology

Certificate of Completion in Gerontology Long-Term Care

FIRST SEMESTER		SCH
—	GERS 1301 Introduction to Gerontology	3
—	GERS 1342 Aging and Mental Health	3
—	GERS 1302 Directing Activities in Long-Term Care Environments	3
—	GERS 2330 Issues of Long-Term Care	3
—	GERS 1303 Fitness and Wellness for the Aging Population	3
		15
SECOND SEMESTER		
—	GERS 1306 Practical Eldercare Skills	3
—	GERS 2366 Studies in Aging Practicum	3
—	● PSYT 1325 Death and Dying	3
		9
Total Semester Credit Hours for Certificate		24

● Students should plan to take this capstone course in their last semester and should speak with their advisor prior to registering for the final semester.
Core curriculum courses are shown in bold type. Field of Study (FOS) courses are underlined. **If both core and FOS, courses are shown in bold & underline type.**
◆ Students completing a high school Tech Prep program may receive credit for indicated courses.



Health Information Technology

Associate of Applied Science in Health Information Technology Tech Prep

This tech prep degree program is a professional program which is designed to lead to an associate of applied science degree.

Prerequisites for the program include a minimum of 12th grade reading level as determined by Lee College placement testing. A full-time student can complete the program in two years.

This program is accredited by The Commission on Accreditation of Health Informatics and Information Management (CAHIIM). Students are eligible to apply to take the national examination to become a Registered Health Information Technician (RHIT).

In the academic study program, students study anatomy and physiology, medical terminology, basic disease processes, medical transcription and word processing, record storage and retrieval, medicolegal aspects, quality improvement, data processing, health record science, hospital statistics, and human resource management.

This program offers preparation for a technical area of service in hospitals, clinics, and related health facilities. Students are trained in assembling, analyzing, coding, abstracting, transcribing, filing, and maintaining health records. Part of the learning experience will include working in the health information management department of a hospital or other health care facility. Mastery of the national examination furthers job opportunities and increases salary.

FIRST SEMESTER			SCH
—	HITT 1305	Medical Terminology I	3
—	ITSC 1309	Integrated Software Applications I	3
			6
SECOND SEMESTER			
—	ENGL 1301	English Composition I	3
—	BIOL 2401	Human Anatomy and Physiology I	4
—	HITT 1349	Pharmacology	3
—	HITT 1301	Health Data Content and Structure	3
—	HITT 1345	Health Care Delivery Systems	3
			16
THIRD SEMESTER			
—	BIOL 2402	Human Anatomy and Physiology II	4
—	MRMT 1307	Medical Transcription I	3
—	HITT 1341	Coding and Classification Systems	3
—	BIOL 2305	Pathophysiology	3
—	PSYC 2301	Introduction to Psychology	3
			16
FOURTH SEMESTER			
—	HITT 2160	Clinical - Health Information/Medical Records Technology/Technician	1
—	SPCH - - - -	Oral Communications	3
			4
FIFTH SEMESTER			
—	HITT 1355	Health Care Statistics	3
—	MRMT 2433	Medical Transcription II	4
—	HITT 2260	Clinical - Health Information/Medical Records Technology/Technician	2
—	HITT 1353	Legal & Ethical Aspects of Health Inform.	3
—	HITT 2335	Coding and Reimbursement Methodologies	3
			15
SIXTH SEMESTER			
—	HITT 2339	Health Information Organization & Superv.	3
—	HITT 2343	Quality Assessment and Performance Improv.	3
—	HITT 2261	Clinical - Health Information/Medical Records Technology/Technician	2
—	ENGL 1302	English Composition II	3
—	- - - - -	Humanities/Fine Arts	3
			14
Total Semester Credit Hours for Degree			71

Certificate of Completion in Medical Transcription

The Medical Transcription Certificate will qualify students to work as a medical transcriptionist.

Prerequisites for the certificate program include a minimum typing speed of 40 wpm and a minimum 12th grade reading level as determined by Lee College placement testing. The certificate can be completed in one year by attending full-time.

The Lee College certificate program provides approved curriculum in medical terminology, medical sciences, composition and computer skills. A transcription practicum provides for a capstone experience. A voluntary certification examination is administered by the Association for Healthcare Documentation Integrity (AHDI), formerly known as the American Association for Medical Transcription (AAMT).

Job opportunities are available in hospitals, clinics, physicians' offices, and a variety of healthcare facilities, transcription services, as well as self-employment.

FIRST SEMESTER			SCH
—	HITT 1305	Medical Terminology I	3
—	BIOL 2404	The Human Body	4
—	HITT 1349	Pharmacology	3
—	ITSC 1309	Integrated Software Applications I	3
			13
SECOND SEMESTER			
—	MRMT 1307	Medical Transcription I	3
—	ENGL 1301	English Composition I	3
—	POFT 1301	Business English	3
—	POFI 2301	Word Processing	3
			12
THIRD SEMESTER			
—	MRMT 2433	Medical Transcription II	4
—	MRMT 1167	Practicum (or Field Experience) - Medical Transcription/Transcriptionist	1
—	HITT 1353	Legal and Ethical Aspects of Health Information	3
—	POFT 2312	Business Correspondence & Communication	3
			11
Total Semester Credit Hours for Certificate			36

Certificate of Completion in Coding

The Certificate of Completion in Coding will qualify students to work as a medical coder.

Prerequisites for the certificate program include a minimum 12th grade reading level as determined by Lee College placement testing. The Lee College certificate curriculum covers coding conventions and principles that allow the learner to sequence codes according to established guidelines and standards, and demonstrate knowledge in reimbursement methodologies. Part of the learning experience includes a clinical. A voluntary certification examination is administered by the American Health Information Management Association (AHIMA).

FIRST SEMESTER			SCH
—	HITT 1305	Medical Terminology I	3
—	ITSC 1309	Integrated Software Applications I	3
—	BIOL 2401	Human Anatomy and Physiology I	4
—	HITT 1301	Health Data Content and Structure	3
			13
SECOND SEMESTER			
—	BIOL 2402	Anatomy and Physiology II	4
—	HITT 1341	Coding and Classification Systems	3
—	BIOL 2305	Pathophysiology	3
—	HITT 1349	Pharmacology	3
			13
THIRD SEMESTER			
—	HITT 2335	Coding and Reimbursement Methodologies	3
—	HITT 1353	Legal & Ethical Aspects of Health Information	3
—	HITT 2161	Clinical - Health Information/Medical Records Technology/Technician	1
			7
Total Semester Credit Hours for Certificate			33

Humanities

Associate of Arts in Humanities

Through an interdisciplinary approach, students will gain a broad understanding of humankind's cultural legacy.

FIRST SEMESTER			SCH
—	ENGL 1301	English Composition I	3
—	-----	Natural Science	4
—	HIST 1301	History of the United States to 1877	
		<i>or</i>	
	HIST 1302	History of the United States since 1877	
		<i>or</i>	
	HIST 2301	History of Texas	3
—	MATH 1414	College Algebra	
		<i>or</i>	
	MATH 1332	Contemporary Mathematics I	3-4
—	-----	Computer Literacy	3-4
			16/18
SECOND SEMESTER			
—	ENGL 1302	English Composition II	3
—	-----	Natural Science	4
—	HIST 1301	History of the United States to 1877	
		<i>or</i>	
	HIST 1302	History of the United States since 1877	
		<i>or</i>	
	HIST 2301	History of Texas	3
—	-----	Communication: Other	3
—	-----	Humanities/Social Science elective	3
			16
THIRD SEMESTER			
—	GOVT 2301	American Government I	3
—	ENGL	Sophomore Literature	3
—	-----	Social/Behavioral Science: Other	3
—	-----	Social/Behavioral Science elective	3
—	-----	Humanities: Visual/Performing Arts	3
—	KINE	Health, Wellness, Kinesiology	1
			16
FOURTH SEMESTER			
—	GOVT 2302	American Government II	3
—	-----	Humanities: Other	3
—	-----	Humanities elective	3
—	-----	Elective	3
—	ENGL	Sophomore Literature	3
			15
Total Semester Credit Hours for Degree			63/65

* *HUMA Electives to be chosen from HUMA 1305, 1311, 1315, 2319, 2323, or others as approved by lead instructor.*

● Students should plan to take this capstone course in their last semester and should speak with their advisor prior to registering for the final semester.
 Core curriculum courses are shown in bold type. Field of Study (FOS) courses are underlined. If both core and FOS, courses are shown in bold & underlined type.
 ♦ Students completing a high school Tech Prep program may receive credit for indicated courses.



Instrumentation Technology

Associate of Applied Science in Instrumentation Technology

FIRST SEMESTER				SCH
—	INTC	1312	Introduction to Instrumentation and Safety Technology	3
—	INTC	1456	Instrumentation Calibration	4
—	TECM	1341	Technical Algebra	3
—	ITSC	1309	Integrated Software Applications I	3
—	CPMT	1407	Electronic and Computer Skills	4
				17
SECOND SEMESTER				
—	INTC	1441	Principles of Automatic Control	4
—	CPMT	1411	Introduction to Computer Maintenance	4
—	TECM	1349	Technical Math Applications	3
—	ENGL	----	Written Communication	3
—	----	----	Humanities/Fine Arts	3
				17
THIRD SEMESTER				
—	INTC	1343	Application of Industrial Automatic Control	3
—	----	----	Elective**	3
—	SPCH	----	Oral Communications	3
—	POFT	2312	Business Correspondence & Communication <i>or</i>	
—	BUSI	1304	Business Report Writing & Correspondence	3
—	----	----	Elective**	4
				16
FOURTH SEMESTER				
—	INTC	2436	Distributed Control and Programmable Logic	4
—	----	----	Natural Science/Mathematics	4
—	----	----	Social/Behavioral Science	3
—●	INTC	2450	Fieldbus Process Control Systems	4
				15
Total Semester Credit Hours for Degree				65

** Electives to be chosen from INTC 1425, 2405, ELPT 2380, or others as approved by lead instructor.

Certificate of Completion in Instrumentation Technology

FIRST SEMESTER				SCH
—	INTC	1312	Introduction to Instrumentation Technology	3
—	INTC	1456	Instrumentation Calibration	4
—	CPMT	1407	Electronic and Computer Skills	4
—	TECM	1341	Technical Algebra	3
				14
SECOND SEMESTER				
—	CPMT	1411	Introduction to Computer Maintenance	4
—	INTC	1441	Principles of Automatic Control	4
—	INTC	1343	Application of Industrial Automatic Control	3
—	TECM	1349	Technical Math Applications	3
				14
THIRD SEMESTER				
—	INTC	2436	Distributed Control and Programmable Logic	4
—●	INTC	2450	Fieldbus Process Control Systems	4
				8
Total Semester Credit Hours for Certificate				36

Certificate of Completion in Instrumentation Installation

FIRST SEMESTER				SCH
—	INTC	1305	Introduction to Electronic Instrumentation	3
—	INTC	1425	Instrument Hardware Installation I	4
				7
SECOND SEMESTER				
—●	INTC	2405	Instrument Hardware Installation II	4
—	ELPT	1457	Industrial Wiring	4
				8
Total Semester Credit Hours for Certificate				15

Kinesiology/Physical Education

The program is designed for kinesiology/physical education majors who desire to: (1) promote vigorous mental, emotional, social, and physical health; (2) develop motor skills; and (3) prepare students for desirable leisure-time activities. A maximum of four (4) credits of kinesiology/physical education activity classes may be applied to the associate degree at Lee College for non-kinesiology/physical education majors. Those majoring in kinesiology/physical education may take up to eight (8) credits.

Students may take a physical activity course within the same sport, using the beginning and experienced sequence. The same course may not be repeated for credit.

Associate of Science in Kinesiology/Physical Fitness

The Associate of Science in Kinesiology combines the requirements of students who desire to teach, coach, or have an interest in fitness and wellness. Kinesiology/Physical Education majors should also consider the requirements of the senior college to which they intend to transfer and plan their community college scholastic schedule accordingly. It is also suggested to consult the senior university catalog for elective options.

FIRST SEMESTER			SCH
—	ENGL 1301	English Composition I	3
—	HIST 1301	History of the United States to 1877	
		<i>or</i>	
	HIST 1302	History of the United States since 1877	
		<i>or</i>	
	HIST 2301	History of Texas	3
—	MATH - - - -	Mathematics	3
—	- - - - -	Computer Literacy	3
—	KINE 1301	Foundations in Physical Education	3
—	KINE - - - -	Elective	1
			16

SECOND SEMESTER			
—	ENGL 1302	English Composition II	3
—	HIST 1301	History of the United States to 1877	
		<i>or</i>	
	HIST 1302	History of the United States since 1877	
		<i>or</i>	
	HIST 2301	History of Texas	3
—	- - - - -	Humanities: Visual/Performing Arts	3
—	- - - - -	Social/Behavioral Science: Other	3
—	KINE 1305	The Healthy American	3
—	KINE - - - -	Elective	1
			16

THIRD SEMESTER			
—	BIOL 2401	Human Anatomy and Physiology I	
		<i>or</i>	
	BIOL 1406	General Biology I	4
—	GOVT 2301	American Government I	3
—	KINE 1306	First Aid	3
—	KINE 2356	Care and Prevention of Athletic Injuries	3
—	KINE 1332	Elementary and Recreational Game Skills	3
			16

FOURTH SEMESTER			
—	KINE 1338	Concepts of Physical Fitness	3
—	BIOL 2402*	Human Anatomy and Physiology II	
		<i>or</i>	
	BIOL 1407*	General Biology II	4
—	GOVT 2302	American Government II	3
—	- - - - -	Communication: Other	3
—	- - - - -	Humanities: Other	3
—	KINE - - - -	Elective	1
			17
		Total Semester Credit Hours for Degree	65

* Students should choose BIOL 2402 if they completed BIOL 2401 earlier. Students should choose BIOL 1407 if they completed BIOL 1406 earlier.

● Students should plan to take this capstone course in their last semester and should speak with their advisor prior to registering for the final semester.
 ● Core curriculum courses are shown in bold type. Field of Study (FOS) courses are underlined. If both core and FOS, courses are shown in bold & underline type.
 ♦ Students completing a high school Tech Prep program may receive credit for indicated courses.



Liberal Arts

Associate of Arts in Liberal Arts- American Studies Option

American Studies is an honors program that combines American literature and American history. Each long semester students take a six-semester-hour block of courses that fulfills options within the core curriculum. Through an interdisciplinary approach, students will study American culture and ideology and gain an understanding of how literature reflects historical events. The capstone for the sequence is a research paper about an event of literary or historical significance. Invitations to enter the programs are based on recommendations from instructors.

FIRST SEMESTER	SCH
— ENGL 1301 English Composition I	3
— HUMA 1301 Introduction to the Humanities I	3
— GOVT 2301 American Government I	3
— KINE - - - - Health, Wellness, Kinesiology	1
— - - - - - - - Natural Science	4
	14
SECOND SEMESTER	
— ENGL 1302 English Composition II	3
— HUMA 1302 Introduction to the Humanities II	3
— - - - - - - - Elective	3
— GOVT 2302 American Government II	3
— - - - - - - - Natural Science	4
	16
THIRD SEMESTER	
— ENGL 2327 American Literature to 1860	3
— HIST 1301 History of the United States to 1877	3
— - - - - - - - Social/Behavioral Science: Other	3
— - - - - - - - Humanities: Visual/Performing Arts	3
— - - - - - - - Computer Literacy	3-4
	15/16
FOURTH SEMESTER	
— ENGL 2328 American Literature: 1860 to Present	3
— HIST 1302 History of the United States Since 1877	3
— - - - - - - - Elective	3
— MATH 1414 College Algebra	
— or	
— MATH 1332 Contemporary Mathematics I	3-4
— - - - - - - - Communication: Other	3
	15/16
Total Semester Credit Hours for Degree	60/62

Machine Shop

Associate of Applied Science in Machine Shop - Machinist Option

FIRST SEMESTER		SCH
—	MCHN 1391 Special Topics in Machinist/Machine Technologist: Machine Parts Metrology and Design	3
—	MCHN 1452 Intermediate Machining I	4
—	TECM 1341 Technical Algebra	3
—	ITSC 1309 Integrated Software Applications I	3
—	----- Natural Science	4
		17

SECOND SEMESTER		SCH
—	MCHN 1454 Intermediate Machining II	4
—	MCHN 2441 Advanced Machining I	4
—	TECM 1349 Technical Math Applications	3
—	ENGL ----- Written Communication	3
—	----- Humanities/Fine Arts	3
		17

THIRD SEMESTER		SCH
—	MCHN 2445 Advanced Machining II	4
—	ENGL ----- Written Communication	3
—	SPCH ----- Oral Communications	3
—	MCHN 2403 Fundamentals of Computer Numerical Controlled (CNC) Machine Controls	4
—	----- Elective *	3
		17

FOURTH SEMESTER		SCH
—	MCHN 2434 Operation of CNC Machining Centers	4
—●	MCHN 1416 Machine Tool Repair	4
—	----- Social/Behavioral Science	3
		11
Total Semester Credit Hours for Degree		62

* May choose MCHN 1300.

Associate of Applied Science in Machine Shop - Millwright Option

FIRST SEMESTER		SCH
—	MCHN 1391 Special Topics in Machinist/Machine Technologist: Machine Parts Metrology and Design	3
—	MCHN 1425 Millwright I	4
—	TECM 1341 Technical Algebra	3
—	ITSC 1309 Integrated Software Applications I	3
—	----- Natural Science	4
		17

SECOND SEMESTER		SCH
—	MCHN 1429 Millwright II	4
—	MCHN 2405 Millwright III	4
—	TECM 1349 Technical Math Applications	3
—	ENGL ----- Written Communication	3
—	----- Humanities/Fine Arts	3
		17

THIRD SEMESTER		SCH
—	HYDR 1345 Hydraulics and Pneumatics	3
—	MCHN 2407 Millwright IV	4
—	ENGL ----- Written Communication	3
—	SPCH ----- Oral Communications	3
—	MCHN 1343 Machine Shop Mathematics	3
		16

FOURTH SEMESTER		SCH
—●	MCHN 2412 Millwright V	4
—	----- Elective*	3
—	----- Social/Behavioral Science	4
—	----- Elective	3
		14
Total Semester Credit Hours for Degree		64

* May choose MCHN 1300.

Certificate of Completion in Machine Shop - Machinist Option

FIRST SEMESTER		SCH
—	MCHN 1391 Special Topics in Machinist/Machine Technologist: Machine Parts Metrology and Design	3
—	MCHN 1452 Intermediate Machining I	4
		7
SECOND SEMESTER		SCH
—	MCHN 1454 Intermediate Machining II	4
—	MCHN 2441 Advanced Machining I	4
—	MCHN 2445 Advanced Machining II	4
		12

THIRD SEMESTER		SCH
—●	MCHN 1416 Machine Tool Repair	4
		4
Total Semester Credit Hours for Certificate		23

Certificate of Completion in Machine Shop - Millwright Option

FIRST SEMESTER		SCH
—	MCHN 1391 Special Topics in Machinist/Machine Technologist: Machine Parts Metrology and Design	3
—	MCHN 2405 Millwright III	4
—	MCHN 1343 Machine Shop Mathematics	3
		10
SECOND SEMESTER		SCH
—	HYDR 1345 Hydraulics and Pneumatics	3
—	MCHN 2407 Millwright IV	4
		7

THIRD SEMESTER		SCH
—●	MCHN 2412 Millwright V	4
		4
Total Semester Credit Hours for Certificate		21

Certificate of Completion in Machine Shop - Millwright Helper Option

FIRST SEMESTER		SCH
—	MCHN 1391 Special Topics in Machinist/Machine Technologist: Machine Parts Metrology and Design	3
—	MCHN 1425 Millwright I	4
		7

SECOND SEMESTER		SCH
—	MCHN 1429 Millwright II	4
—●	MCHN 2405 Millwright III	4
		8
Total Semester Credit Hours for Certificate		15

● Students should plan to take this capstone course in their last semester and should speak with their advisor prior to registering for the final semester.
 Core curriculum courses are shown in bold type. Field of Study (FOS) courses are underlined. If both core and FOS, courses are shown in bold & underline type.
 ♦ Students completing a high school Tech Prep program may receive credit for indicated courses.



Math/Physics/ Pre-Engineering

Associate of Science in Math/Physics/Pre-Engineering

This degree concentration begins preparing students for a bachelor's degree in math, physics, or engineering. However, additional courses beyond those required for the AS degree may be needed to place students at the junior level or meet program prerequisites. Students should select a transfer university early in their program and seek the advice of an academic advisor or counselor about course selection and additional credits that may be needed.

FIRST SEMESTER			SCH
—	ENGL 1301	English Composition I	3
—	HIST 1301	History of the United States to 1877	
		<i>or</i>	
	HIST 1302	History of the United States since 1877	
		<i>or</i>	
	HIST 2301	History of Texas	3
—	KINE - - - -	Health, Wellness, Kinesiology	1
—	MATH 2413	Calculus I with Analytic Geometry *	4
—	- - - - -	Computer Literacy	3
			14
SECOND SEMESTER			
—	ENGL 1302	English Composition II	3
—	HIST 1301	History of the United States to 1877	
		<i>or</i>	
	HIST 1302	History of the United States since 1877	
		<i>or</i>	
	HIST 2301	History of Texas	3
—	MATH 2414	Calculus II with Analytic Geometry	4
—	MATH 2418	Linear Algebra	4
—	- - - - -	Humanities: Visual/Performing Arts	3
			17
THIRD SEMESTER			
—	GOVT 2301	American Government I	3
—	- - - - -	Natural Science **	4
—	MATH 2415	Calculus III with Analytic Geometry	4
—	MATH 2420	Differential Equations	4
—	- - - - -	Social/Behavioral Science: Other	3
			18
FOURTH SEMESTER			
—	GOVT 2302	American Government II	3
—	- - - - -	Communication: Other	3
—	- - - - -	Humanities: Other	3
—	- - - - -	Natural Science **	4
—	- - - - -	Math (sophomore level) or Physics	3-4
			16/17
Total Semester Credit Hours for Degree			65/66

* Placement scores will indicate the appropriate level at which math sequence should start.

** Suggested options for those interested in physics and pre-engineering are CHEM 1411, CHEM 1412, PHYS 2425, and PHYS 2426.

Mental Health Services

Associate of Applied Science in Alcohol and Drug Abuse Counseling

The degree program is designed for those who seek licensure as Licensed Chemical Dependency Counselors and/or certification as Certified Alcoholism and Drug Abuse Counselors as well as the associate of applied science degree.

Prerequisites for the program include 12th grade reading level. The program is approved by the Texas Commission on Alcohol and Drug Abuse. In order to be eligible to take the state test the student must have a high school diploma or GED, complete 270 classroom hours of approved curriculum, have 4000 hours of approved supervised experience working with chemically dependent persons, and complete 300 hours of approved supervised field work practicum.

The Lee College degree program provides 435 hours of approved curriculum in chemical dependency specific/related education including HIV training required for licensure/certification, and 352 hours of approved supervised field work practicum. The student is responsible for obtaining the 4000 hours of supervised work experience.

FIRST SEMESTER	SCH
— DAAC 1319 Introduction to Alcohol and Other Drug Addictions	3
— DAAC 1304 Pharmacology of Addiction	3
— ENGL 1301 English Composition I	3
— PSYC 2301 Introduction to Psychology	3
— SOCI 1301 Introductory Sociology	3
	15
SECOND SEMESTER	
— DAAC 1311 Counseling Theories	3
— DAAC 1317 Basic Counseling Skills	3
— ENGL 1302 English Composition II or	
— ENGL 2311 Technical Writing	3
— ---- Social/Behavioral Science	3
— ITSC 1309 Integrated Software Applications I	3
	15
THIRD SEMESTER	
— DAAC 1309 Assessment Skill of Alcohol and Other Drug Addictions	3
— ---- Natural Science/Mathematics	4
— SPCH ---- Oral Communications	3
— DAAC 2354 Dynamics of Group Counseling	3
	13
FOURTH SEMESTER	
— ---- Elective*	3
— DAAC 2341 Counseling Alcohol and Other Drug Addictions	3
— DAAC 2280 Cooperative Education-Substance Abuse/Addiction Counseling	2
— ---- Social/Behavioral Science	3
— ---- Humanities/Fine Arts	3
	14
FIFTH SEMESTER	
— DAAC 2343 Current Issues	3
— DAAC 2307 Addicted Family Intervention	3
— ● DAAC 2281 Cooperative Education-Substance Abuse/Addiction Counseling	2
— ---- Elective*	3
	11
Total Semester Credit Hours for Degree	68

* DAAC 1391 is recommended for one elective.

Certificate of Completion in Alcohol and Drug Abuse Counseling

Certificate exceeds 270 contact hours required by Texas Commission on Alcohol and Drug Abuse for eligibility to take state test for licensure and TAADAC requirements for certification.

FIRST SEMESTER	SCH
— DAAC 1319 Introduction to Alcohol and Other Drug Addictions	3
— DAAC 1304 Pharmacology of Addiction	3
— DAAC 1311 Counseling Theories	3
	9
SECOND SEMESTER	
— DAAC 1317 Basic Counseling Skills	3
— DAAC 1309 Assessment Skill of Alcohol and Other Drug Addictions	3
— DAAC 2307 Addicted Family Intervention	3
	9
THIRD SEMESTER	
— DAAC 2354 Dynamics of Group Counseling	3
— DAAC 2343 Current Issues	3
— DAAC 2280 Cooperative Education-Substance Abuse/Addiction Counseling	2
	8
FOURTH SEMESTER	
— DAAC 2341 Counseling Alcohol and Other Drug Addictions	3
— ● DAAC 2281 Cooperative Education-Substance Abuse/Addiction Counseling	2
	5
Total Semester Credit Hours for Certificate	31

● Students should plan to take this capstone course in their last semester and should speak with their advisor prior to registering for the final semester.
Core curriculum courses are shown in bold type. *Field of Study (FOS) courses are underlined.* **If both core and FOS, courses are shown in bold & underline type.**
 ♦ Students completing a high school Tech Prep program may receive credit for indicated courses.



Music

Music Majors

Music majors are required to enroll in four semesters of applied music and to meet repertoire and performance requirements. Students are required to attend a one-hour weekly lesson and any assigned master classes. They will perform on at least one recital per semester and at a jury which serves as the final examination. Students will participate in the Performance/Lecture Seminar and will fulfill the recital attendance requirement of a specified number concerts and/or recitals per semester.

General course content applicable to individual instruction in all applied areas. (The specific requirements of each applied area will be determined by the instructor.)

Applied Music (Music Majors)

MUAP 1203, 1204 - Violin-Freshman
MUAP 2203, 2204 - Violin-Sophomore

MUAP 1207, 1208 - Viola-Freshman
MUAP 2207, 2208 - Viola-Sophomore

MUAP 1211, 1212 - Cello-Freshman
MUAP 2211, 2212 - Cello-Sophomore

MUAP 1215, 1216 - Str-Bass-Freshman
MUAP 2215, 2216 - Str-Bass-Sophomore

MUAP 1219, 1220 - Flute-Freshman
MUAP 2219, 2220 - Flute-Sophomore

MUAP 1223, 1224 - Oboe-Freshman
MUAP 2223, 2224 - Oboe-Sophomore

MUAP 1227, 1228 - Bassoon-Freshman
MUAP 2227, 2228 - Bassoon-Sophomore

MUAP 1231, 1232 - Clarinet-Freshman
MUAP 2231, 2232 - Clarinet-Sophomore

MUAP 1235, 1236 - Saxophone-Freshman
MUAP 2235, 2236 - Saxophone-Sophomore

MUAP 1239, 1240 - Trumpet-Freshman
MUAP 2239, 2240 - Trumpet-Sophomore

MUAP 1243, 1244 - French Horn-Freshman
MUAP 2243, 2244 - French Horn-Sophomore

MUAP 1247, 1248 - Trombone-Freshman
MUAP 2247, 2248 - Trombone-Sophomore

MUAP 1255, 1256 - Tuba-Freshman
MUAP 2255, 2256 - Tuba-Sophomore

MUAP 1259, 1260 - Percussion-Freshman
MUAP 2259, 2260 - Percussion-Sophomore

MUAP 1263, 1264 - Class Guitar-Freshman
MUAP 2263, 2264 - Class Guitar-Sophomore

MUAP 1267, 1268 - Organ-Freshman
MUAP 2267, 2268 - Organ-Sophomore

MUAP 1271, 1272 - Piano-Freshman
MUAP 2271, 2272 - Piano-Sophomore

MUAP 1283, 1284 - Voice-Freshman
MUAP 2283, 2284 - Voice-Sophomore

MUAP 1289, 1290 - Bass Guitar-Freshman
MUAP 2289, 2290 - Bass Guitar-Sophomore

MUAP 1293, 1294 - Elec Guitar-Freshman
MUAP 2293, 2294 - Elec Guitar-Sophomore

Applied Music for Non-Majors

Applied lessons may be taken for elective credit. These students will be required to meet the same lesson attendance and jury requirements as majors but will perform on recitals only at the instructor's discretion. All fore-mentioned objectives apply to elective credit study, however, instructors will have greater flexibility in the choice and amount of repertoire required, dependent upon the student's level of ability. Beginners need to enroll in MUSI courses for piano, voice and guitar. (MUSI 1181, 1182, 1183, 1184, 1192, 1193).

MUAP 1101, 1102, 2101, 2102, 1201, 1202, 2201, 2201
Strings-Violin

MUAP 1105, 1106, 2105, 2106, 1205, 1206, 2205, 2206
Strings-Viola

MUAP 1109, 111, 2109, 2110, 1209, 1201, 2209, 2210
Strings-Cello

MUAP 1113, 1114, 2113, 2114, 1213, 1214, 2213, 2214
Strings-Str Bass

MUAP 1117, 1118, 2117, 2118, 1217, 1218, 2217, 2218
Woodwind-Flute

MUAP 1121, 112, 2121, 2122, 1221, 1222, 2221, 2222
Woodwind-Oboe

MUAP 1125, 1126, 2125, 2126, 1225, 1226, 2225, 2226
Woodwind-Bassoon

MUAP 1129, 1130, 2129, 2130, 1229, 1230, 2229, 2230
Woodwind-Clarinet

MUAP 1133, 1134, 2133, 2134, 1233, 1234, 2233, 2234
Woodwind-Saxophone

MUAP 1137, 1138, 2137, 2138, 1237, 1238, 2237, 2238
Brass-Trumpet

MUAP 1141, 1142, 2141, 2142, 1241, 1242, 2241, 2242
Brass-French Horn

MUAP 1145, 146, 2145, 2146, 1245, 1246, 2245, 2246
Brass-Trombone

MUAP 1153, 1154, 2153, 2154, 1253, 1254, 2253, 2254
Brass-Tuba

MUAP 1157, 1158, 2157, 2158, 1257, 1258, 2257, 2258
Percussion

MUAP 1161, 1162, 2161, 2162, 1261, 1262, 2261, 2262
Str-Class Guitar

MUAP 1165, 1166, 2165, 2166, 1265, 1266, 2265, 2266
Organ

MUAP 1169, 1170, 2169, 2170, 1269, 1270, 2269, 2270
Piano

MUAP 1181, 1182, 2181, 2182, 1281, 1282, 2281, 2282
Voice

MUAP 1187, 1188, 2187, 2188, 1287, 1288, 2287, 2288
Str-Bass Guitar

MUAP 1191, 1192, 2191, 2192, 1291, 1292, 2291, 2292
Str-Elec Guitar

MUAP 1195, 1196, 1295, 1296, 2295, 2296
Folk Country Instrument

Associate of Arts in Music - Field of Study

The Associate of Arts (AA) Music is structured to meet the needs of students who will ultimately pursue a baccalaureate degree in music as well as those students who will complete their studies at Lee College. Music courses included in this curriculum are transferable as part of the state approved Field of Study in Music curriculum. The AA in Music also includes 32 credit hours of the state mandated General Education Core. Students should meet minimum standards in one specified area of performance, which will be declared their area of applied concentration.

AA students are required to enroll in either Class Piano or in Applied Piano (as determined by the instructor) until exit proficiency requirements are met.

Students are required to attend the Performance/Lecture Seminar that includes lectures, performances by guest artists, student recitals and other activities providing enrichment experiences for students.

Students should attend a specified number of approved concerts each semester.

FIRST SEMESTER			SCH
—	<u>MUSI</u>	<u>1311</u> <u>Music Theory I*</u>	3
—	<u>MUSI</u>	<u>1116</u> <u>Elementary Sight Singing and Ear Training*</u>	1
—	<u>MUSI</u>	<u>1181</u> <u>Class Piano (or Applied Piano)</u>	1
—	<u>MUEN</u>	<u>1141</u> <u>Lee College Concert Choir</u>	
		<i>or</i>	
	<u>MUEN</u>	<u>1152</u> <u>Chamber Choir</u>	
		<i>or</i>	
	<u>MUEN</u>	<u>1135</u> <u>Jazz Ensemble</u>	
		<i>or</i>	
	<u>MUEN</u>	<u>1123</u> <u>Baytown Symphony Orchestra</u>	
		<i>or</i>	
	<u>MUEN</u>	<u>1125</u> <u>Concert Band</u>	1
—	<u>MUAP</u>	<u>12--</u> <u>Applied Music</u>	2
—	ENGL	1301 English Composition I	3
—	HIST	1301 History of the United States to 1877	
		<i>or</i>	
	HIST	1302 History of the United States since 1877	
		<i>or</i>	
	HIST	2301 History of Texas	3
—	KINE	---- Health, Wellness, Kinesiology	1
			15

SECOND SEMESTER			
—	<u>MUSI</u>	<u>1312</u> <u>Music Theory II**</u>	3
—	<u>MUSI</u>	<u>1117</u> <u>Elementary Sight Singing and Ear Training II**</u>	1
—	<u>MUSI</u>	<u>1182</u> <u>Class Piano (or Applied Piano)</u>	1
—	<u>MUEN</u>	<u>1141</u> <u>Lee College Concert Choir</u>	
		<i>or</i>	
	<u>MUEN</u>	<u>1152</u> <u>Chamber Choir</u>	
		<i>or</i>	
	<u>MUEN</u>	<u>1135</u> <u>Jazz Ensemble</u>	
		<i>or</i>	
	<u>MUEN</u>	<u>1123</u> <u>Baytown Symphony Orchestra</u>	
		<i>or</i>	
	<u>MUEN</u>	<u>1125</u> <u>Concert Band</u>	1

—	<u>MUAP</u>	<u>12--</u> <u>Applied Music</u>	2
—	ENGL	1302 English Composition II	3
—	HIST	1301 History of the United States to 1877	
		<i>or</i>	
	HIST	1302 History of the United States since 1877	
		<i>or</i>	
	HIST	2301 History of Texas	3
—	<u>MUSI</u>	<u>1307</u> <u>Survey of Music Literature**</u>	3
			17

THIRD SEMESTER			
—	<u>MUSI</u>	<u>2311</u> <u>Music Theory III</u>	3
—	<u>MUSI</u>	<u>2216</u> <u>Advanced Sight Singing and Ear Training I</u>	1
—	<u>MUSI</u>	<u>2181</u> <u>Class Piano (or Applied Piano)</u>	1
—	<u>MUEN</u>	<u>2141</u> <u>Lee College Concert Choir</u>	
		<i>or</i>	
	<u>MUEN</u>	<u>1153</u> <u>Chamber Choir</u>	
		<i>or</i>	
	<u>MUEN</u>	<u>2135</u> <u>Jazz Ensemble</u>	
		<i>or</i>	
	<u>MUEN</u>	<u>2123</u> <u>Baytown Symphony Orchestra</u>	
		<i>or</i>	
	<u>MUEN</u>	<u>2125</u> <u>Concert Band</u>	1
—	<u>MUAP</u>	<u>22--</u> <u>Applied Music</u>	2
—	GOVT	2301 American Government I	3
—	MATH	---- Mathematics	3
—	----	---- Communication: Other	3
			17


FOURTH SEMESTER			
—	<u>MUSI</u>	<u>2312</u> <u>Music Theory IV</u>	3
—	<u>MUSI</u>	<u>2117</u> <u>Advanced Sight Singing and Ear Training II</u>	1
—	<u>MUEN</u>	<u>2141</u> <u>Lee College Concert Choir</u>	
		<i>or</i>	
	<u>MUEN</u>	<u>1153</u> <u>Chamber Choir</u>	
		<i>or</i>	
	<u>MUEN</u>	<u>2135</u> <u>Jazz Ensemble</u>	
		<i>or</i>	
	<u>MUEN</u>	<u>2123</u> <u>Baytown Symphony Orchestra</u>	
		<i>or</i>	
	<u>MUEN</u>	<u>2125</u> <u>Concert Band</u>	1
—	<u>MUAP</u>	<u>22--</u> <u>Applied Music</u>	2
—	GOVT	2302 American Government II	3
—	----	---- Natural Science	4
—	----	---- Computer Literacy	3
			17
		Total Semester Credit Hours for Degree	66

* Course offered in fall semesters only
 ** Course offered in spring semesters only
 *** Continue Class Piano or private lessons until piano proficiency is met.

Applied Music

Private study is available on all orchestra and band instruments, piano, organ, guitar and voice for college credit. Lessons in the student's area of concentration are required of all music majors and minors. Private instruction is available to all other Lee College students with top priority given to those enrolled in performance ensembles. Private lessons are also available to high school age students under the concurrent enrollment program. Beginning, intermediate and advanced levels of applied instruction are available. Class lessons in piano, guitar and voice are available for "first time" registrants as a non-music major.

● Students should plan to take this capstone course in their last semester and should speak with their advisor prior to registering for the final semester.
 ♦ Core curriculum courses are shown in bold type. Field of Study (FOS) courses are underlined. If both core and FOS, courses are shown in bold & underline type.
 ♦ Students completing a high school Tech Prep program may receive credit for indicated courses.



Associate of Arts in Church Music - Field of Study

The Associate of Arts (AA) in Church Music is structured to meet the needs of students who will ultimately pursue a baccalaureate degree in music as well as those students who will complete their studies at Lee College. The AA in Church Music includes 29 credit hours of the state mandated General Education Core.

Students should meet minimum standards in one specified area of performance, which will be declared their area of applied concentration. Students are encouraged to select piano, organ, voice, or conducting as their area of concentration for this degree.

AA students are required to enroll in either Class Piano or in Applied Piano (as determined by the instructor) until exit proficiency requirements are met.

Students are required to attend the weekly Performance/Lecture Seminar that includes lectures, performances by guest artists, student recitals and other activities providing enrichment experiences for students.

Students should attend a specified number of approved concerts each semester.

FIRST SEMESTER			SCH
—	MUSI 1311	Music Theory I *	3
—	MUSI 1116	Elementary Sight Singing and Ear Training I *	1
—	MUSI 1181	Class Piano (or Applied Piano)	1
—	MUEN 1141	Lee College Concert Choir	
		or	
	MUEN 1152	Chamber Choir	
		or	
	MUEN 1135	Jazz Ensemble	
		or	
	MUEN 1123	Baytown Symphony Orchestra	
		or	
	MUEN 1125	Concert Band	1
—	MUAP 11--	Applied Music	1
—	ENGL 1301	English Composition I	3
—	HIST 1301	History of the United States to 1877	
		or	
	HIST 1302	History of the United States since 1877	
		or	
	HIST 2301	History of Texas	3
—	KINE ---	Health, Wellness, Kinesiology	1
—	MUSI 1308	Music Literature I - Church Music Seminar	3
			17

SECOND SEMESTER			
—	MUSI 1312	Music Theory II **	3
—	MUSI 1117	Elementary Sight Singing and Ear Training II **	1
—	MUSI 1182	Class Piano (or Applied Piano)	1
—	MUEN 1141	Lee College Concert Choir	
		or	
	MUEN 1152	Chamber Choir	
		or	
	MUEN 1135	Jazz Ensemble	
		or	
	MUEN 1123	Baytown Symphony Orchestra	
		or	
	MUEN 1125	Concert Band	1
—	MUAP 11--	Applied Music	1
—	ENGL 1302	English Composition II	3
—	MUSI 1307	Survey of Music Literature **	3
—	MUSI 1309	Music Literature II - Church Music Seminar	3
—	----	Performance/Lecture Seminar (required)	0
—	----	Recital Attendance (required)	0
			16

THIRD SEMESTER			
—	MUSI 2311	Music Theory III	3
—	MUSI 2116	Advanced Sight Singing and Ear Training I	1
—	MUSI 1181	Class Piano (or Applied Piano)	1
—	MUEN 2141	Lee College Concert Choir	
		or	
	MUEN 1153	Chamber Choir	
		or	
	MUEN 2135	Jazz Ensemble	
		or	
	MUEN 2123	Baytown Symphony Orchestra	
		or	
	MUEN 2125	Concert Band	1
—	MUAP 22--	Applied Music	2
—	GOVT 2301	American Government I	3
—	MATH ----	Mathematics	3
—	----	Communication: Other	3
			17

FOURTH SEMESTER			
—	MUSI 2312	Music Theory IV	3
—	MUSI 2117	Advanced Sight Singing and Ear Training II	1
—	MUEN 2141	Lee College Concert Choir	
		or	
	MUEN 1153	Chamber Choir	
		or	
	MUEN 2135	Jazz Ensemble	
		or	
	MUEN 2123	Baytown Symphony Orchestra	
		or	
	MUEN 2125	Concert Band	1
—	MUAP 21--	Applied Music	1
—	GOVT 2302	American Government II	3
—	----	Natural Science	4
—	----	Computer Literacy	3
			16
		Total Semester Credit Hours for Degree	66

* Course offered in fall semesters only

** Course offered in spring semesters only

*** Continue Class Piano or private lessons until piano proficiency is met.

Natural Sciences

Associate of Science in Natural Sciences

This degree concentration begins preparing students for a bachelor's degree in biology, chemistry, environmental science, and geology. However, additional courses beyond those required for the AS degree may be needed to place students at the junior level or meet prerequisites for their program. Students should select a transfer university early in their program and seek the advice of an academic advisor or counselor about course selection.

FIRST SEMESTER			SCH
—	ENGL 1301	English Composition I	3
—	HIST 1301	History of the United States to 1877	
		or	
	HIST 1302	History of the United States since 1877	
		or	
	HIST 2301	History of Texas	3
—	MATH 1414	College Algebra (or higher) #	4
—	-----	Natural Science	4
—	-----	Communication: Other	3
			17
SECOND SEMESTER			
—	ENGL 1302	English Composition II	3
—	HIST 1301	History of the United States to 1877	
		or	
	HIST 1302	History of the United States since 1877	
		or	
	HIST 2301	History of Texas	3
—	-----	Natural Science	4
—	-----	Computer Literacy	3
—	-----	Natural Science *	3-4
			16-17

THIRD SEMESTER			
—	GOVT 2301	American Government I	3
—	-----	Social/Behavioral Science: Other **	3
—	-----	Natural Science *	3-4
—	-----	Natural Science *	3-4
—	-----	Humanities: Visual/Performing Arts	3
			15-17

FOURTH SEMESTER			
—	-----	Humanities: Other	3
—	GOVT 2302	American Government II	3
—	KINE -----	Health, Wellness, Kinesiology	1
—	-----	Natural Science *	3-4
—	-----	Elective ***	3
			13-14
Total Semester Credit Hours for Degree			61/65

Placement scores will indicate the appropriate level at which the math sequence should begin.

* **Natural Science majors** options include:
 BIOL 1322, 1411, 1413, 1406, 1407, 2305, 2401, 2402, 2404, 2421
 CHEM 1411, 1412, 2423, 2425
 PHYS 1401, 1402, 2425, 2426
 GEOL 1403, 1404, 1405
 ENVR 1401

* **Pre-BSN Nursing students** should take BIOL 2401, 2402, 2421, 1322, CHEM 1419.

** **Pre BSN Nursing students** should take PSYC 2301

*** **Pre BSN Nursing students** should take PSYC 2317 or SOCI 1301

● Students should plan to take this capstone course in their last semester and should speak with their advisor prior to registering for the final semester.
 Core curriculum courses are shown in bold type. Field of Study (FOS) courses are underlined. If both core and FOS, courses are shown in bold & underlined type.
 ♦ Students completing a high school Tech Prep program may receive credit for indicated courses.



Nursing (ADN)

Bachelor of Science Nursing Program

Lee College does not grant nursing baccalaureate degrees; however, through an arrangement with the University of Texas School of Nursing Galveston, students enroll in the Flexible Option Track (RN to BSN) and core courses for the Master of Science in Nursing degree. Students may utilize the Lee College testing center services, the Learning Resource Center, and the Allied Health Learning Resource Center. The BSN courses are on the web.

Students interested in the flex option should contact the Lee College Allied Health Division or the School of Nursing at the University of Texas at Galveston, phone (409) 772-6111, or www.son.utmb.edu.

Associate of Applied Science in Nursing Program - Tech Prep

The purpose of the Associate Degree Nursing Tech Prep program is to prepare students with beginning competencies to practice as registered nurses upon successful writing of the National Council Licensure Examination for Registered Nurses. **The program is accredited by the Board of Nurse Examiners for the state of Texas and the National League for Nursing Accrediting Commission.** Information regarding the program can be obtained from the NLNAC at 61 Broadway, New York, New York 10006, (212) 363-5555 extension 153.

It is recommended that the applicant complete some or all of the general education courses in the curriculum prior to entry into the program.

Job opportunities include hospitals, clinics, home health care facilities, long-term care facilities, industry, and specialty health care hospital units. The registered nurse works within the scope of nursing as defined by The Nursing Practice Act in the State of Texas.

Associate Degree Nursing (ADN) Program Admission Requirements

Applications are taken year-round, students are strongly encouraged to turn in applications by February 1 and no applications will be taken after May 1 for consideration of the same year admission. **No applications will be accepted without documentation of the state required immunizations. (Contact the Allied Health Office or the Counseling Center for an Application packet.)**

Students are responsible to make application to Lee College before applying to the nursing program. Students are responsible for furnishing official transcript(s) to the Admissions and Records Office. The student is required to request transcript evaluation of transfer courses. Students who have foreign transcripts should plan extended time for transcript evaluation.

The ADN Admission Committee informs applicants of admission status. There are more applicants than slots in the program. Meeting minimum requirements does not guarantee admission. Students selected may enter the program provided admission requirements are satisfied.

- No grade of "D" or below in degree plan courses
- Prerequisite courses GPA of 2.5 minimum (RNSG 1301, BIOL 2401, ENGL 1301, PSYC 2301)
- Science GPA of 2.5 minimum in degree plan courses completed
- Criminal background checks. See Allied Health office for details
- Texas Department of Health and Human Services required immunizations (see p.16 or Allied Health Application packet.)

Admission requirements are monitored continuously and may change between catalogs. Contact the Allied Health office for most current requirements including:

- Overall GPA in degree plan
- GPA of prerequisite courses
- GPA of natural science courses completed in the degree plan
- Number of courses completed in the degree plan
- Non-degree plan science courses completed, such as chemistry, biology, life science, pathophysiology and nutrition
- Non-degree plan academic courses such Sociology, History, Government, Statistics
- Previous unsuccessful degree plan attempts **may** impact admission

The Board of Nurse Examiners for the State of Texas requires schools to inform enrolled students (verbally and in writing) about eligibility requirements and to maintain students' signed receipt of the required information. The Board of Nurse Examiners has identified certain circumstances that may render a potential candidate ineligible for licensure as a registered nurse in the State of Texas. The Board provides individuals the opportunity to petition for a Declaratory Order as to their eligibility in accordance with article 4519(a) of the Nursing Practice Act. View www.bne.state.tx.us for further information and forms.

FIRST SEMESTER PREREQUISITES			SCH
—	BIOL 2401	Human Anatomy and Physiology I	4
—	RNSG 1301	Pharmacology	3
—	ENGL 1301	English Composition I	3
—	PSYC 2301	Introduction to Psychology	3
			13

*It is suggested that the * courses are taken prior to program admission if schedule allows. (Once admitted into the program, all courses must be taken in the sequence listed at the time of admission.) If any RNSG course must be repeated, the lab/clinical corresponding course must be repeated also.*

SECOND SEMESTER			SCH
—	PSYC 2314	Life Span Growth and Development*	3
—	RNSG 1209	Introduction to Nursing	2
—	RNSG 1205	Nursing Skills I	2
—	RNSG 1341	Common Concepts of Adult Health	3
—	RNSG 1361	Clinical - Nursing - Registered Nurse Training	3
—	BIOL 2402	Human Anatomy and Physiology II*	4
			17

THIRD SEMESTER			SCH
—	RNSG 1343	Complex Concepts of Adult Health	3
—	RNSG 1362	Clinical - Nursing - Registered Nurse Training	3
—	RNSG 2201	Care of Children and Families	2
—	RNSG 2161	Clinical - Nursing - Registered Nurse Training	1
—	BIOL 2421	Microbiology*	4
			13

FOURTH SEMESTER			SCH
—	ITSC 1309	Integrated Software Applications I*	3
—	----	----	3
—	ENGL 1302	English Composition II*	3
—	----	----	3
			12

FIFTH SEMESTER			SCH
—	RNSG 1251	Care of the Childbearing Family	2
—	RNSG 1162	Clinical - Nursing - Registered Nurse Training	1
—	RNSG 2213	Mental Health Nursing	2
—	RNSG 2160	Clinical - Nursing - Registered Nurse Training	1
—	SPNL 1301	Health Care Spanish*	3
			9

SIXTH SEMESTER			SCH
—	RNSG 2432	Enhanced Concepts of Adult Health I	4
—	RNSG 2121	Management of Client Care	1
—	RNSG 2263	Clinical - Nursing - Registered Nurse Training	2
—	RNSG 1146	Legal and Ethical Issues for Nurses	1
			8

Total Semester Credit Hours for Degree 72

Progression requires:

- Overall 2.0 GPA in degree plan
- No grade of "D" or below in degree plan courses

Graduation requires:

- Completion of RNSG prefix courses within 5 years of graduation
- Overall GPA of 2.0 in degree plan
- No grade of "D" or below in degree plan courses

Associate of Applied Science in Nursing - Transitional Entry

Applications are taken year around, students are strongly encouraged to turn in applications **January 15 for spring admission and September 1 for fall admission. No applications will be accepted without documentation of the state required immunizations. (Contact the Allied Health Office or Counseling Center for an Application Packet.)**

Students are responsible to make application to Lee College before applying to the nursing program. Students are responsible for furnishing official transcript(s) to the Admissions and Records Office. The student is required to request transcript evaluation of transfer courses. Students who have foreign transcripts should plan extended time for transcript evaluation.

The ADN Admission Committee informs applicants of admission status. There are more applicants than slots in the program. Meeting minimum requirements does not guarantee admission. Students selected may enter the program provided admission requirements are satisfied.

- No grade of "D" or below in degree plan courses
- Prerequisite courses GPA of 2.5 minimum (ITSC 1309, BIOL 2401, ENGL 1301, PSYC 2301)
- Science GPA of 2.5 minimum in degree plan courses completed
- Criminal background checks. See Allied Health office for details
- Texas Department of Health and Human Services required immunizations (see p. 16 or Allied Health Application packet.)

Admission requirements are monitored continuously and may change between catalogs. Contact the Allied Health office for most current requirements including:

- Overall GPA in degree plan
- GPA of prerequisite courses
- GPA of natural science courses completed in the degree plan
- Number of courses completed in the degree plan
- Non-degree plan science courses completed, such as chemistry, biology, life science, pathophysiology and nutrition
- Non-degree plan academic courses such Sociology, History, Government, Statistics
- Previous unsuccessful degree plan attempts **may** impact admission.

The Board of Nurse Examiners for the State of Texas requires schools to inform enrolled students (verbally and in writing) about eligibility requirements and to maintain students' signed receipt of the required information. The Board of Nurse Examiners has identified certain circumstances that may render a potential candidate ineligible for licensure as a registered nurse in the State of Texas. The Board provides individuals the opportunity to petition for a Declaratory Order as to their eligibility in accordance with article 4519(a) of the Nursing Practice Act. View www.bne.state.tx.us for further information and forms.

Transitional Entry Prerequisites:

All academic courses with the exception of **Humanities/Fine Arts** and **Oral Communication** must be completed for the student to be eligible for admission to RNSG 2207.

FIRST SEMESTER			SCH
__	BIOL	2401 Human Anatomy and Physiology I	4
__	ITSC	1309 Integrated Software Applications I	3
__	ENGL	1301 English Composition I	3
__	PSYC	2301 Introduction to Psychology	3
			13

SECOND SEMESTER			
__	BIOL	2402 Human Anatomy and Physiology II	4
__	ENGL	1302 English Composition II	3
__	PSYC	2314 Life Span Growth and Development	3
__*	----	Humanities/Fine Arts	3
__*	----	Oral Communications	3
			16

THIRD SEMESTER			
__	BIOL	2421 Microbiology	4
__#	RNSG	1209 Introduction to Nursing	2
__#	RNSG	1205 Nursing Skills I	2
__#	RNSG	1341 Common Concepts of Adult Health	3
__#	RNSG	1361 Clinical - Nursing - Registered Nurse Training	3
__	RNSG	2207 Transition to Nursing Practice	2
			16

Once admitted into the program all courses must be taken in the sequence designated at the time of admission. If any RNSG course must be repeated, the lab/clinical corresponding course must be repeated also.

FOURTH SEMESTER			
__##	RNSG	1343 Complex Concepts of Adult Health	3
__##	RNSG	1362 Clinical - Nursing - Registered Nurse Training	3
__##	RNSG	2201 Care of Children and Families	2
__##	RNSG	2161 Clinical - Nursing - Registered Nurse Training	1
			9

FIFTH SEMESTER			
__	RNSG	1251 Care of the Childbearing Family	2
__	RNSG	1162 Clinical - Nursing - Registered Nurse Training	1
__	RNSG	2213 Mental Health Nursing	2
__	RNSG	2160 Clinical - Nursing - Registered Nurse Training	1
__	SPNL	1301 Health Care Spanish	3
			9

SIXTH SEMESTER			
__	RNSG	2432 Enhanced Concepts of Adult Health I	4
__●	RNSG	2121 Management of Client Care	1
__	RNSG	2263 Clinical - Nursing - Registered Nurse Training	2
__	RNSG	1146 Legal and Ethical Issues for Nurses	1
			8

Total Semester Credit Hours for Degree 71

* These courses may be taken after admission to the program.

Credit awarded upon completion of RNSG 1343, 1362, 2201, 2161.

Grade awarded in these courses will be transcribed for RNSG 1205, 1209, 1341, 1361.

Progression requires:

- overall 2.0 GPA in degree plan courses
- no grade of "D" or below in degree plan courses

Graduation requires:

- completion of RNSG prefix within 5 years of graduation
- overall GPA of 2.0 in degree plan
- no grade of "D" or below in degree plan courses

● Students should plan to take this capstone course in their last semester and should speak with their advisor prior to registering for the final semester.
Core curriculum courses are shown in bold type. *Field of Study (FOS) courses are underlined.* **If both core and FOS, courses are shown in bold & underline type.**
 ♦ Students completing a high school Tech Prep program may receive credit for indicated courses.



Nursing (VN)

Certificate of Completion in Vocational Nursing

The purpose of the vocational nursing program is to prepare individuals to perform basic nursing skills as defined by the Nursing Practice Act. The VN program is accredited by the Board of Nurse Examiners for the State of Texas.

Admission to the Vocational Nursing program is based on the following point selection process:

Required Points

- Apply for admission to Lee College, submit to the Admission and Records office an official transcript from high school or GED certificate, and any/all colleges attended,
- Application for VN program on file in Allied Health office,
- Copy of high school diploma or GED certificate in VN folder in Allied Health office,
- VN Degree plan from Counseling Center signed by counselor,
- Documented reading level by Counseling Center,
- Complete Lee College assessment/placement tests and complete developmental courses, if required,
- Demonstrate competencies in Allied Health Math 0110 or "C" or better on advance placement test for MATH 0110.
- Mandatory information session with VN faculty member.

Bonus Points

- BIOL 2404-Human Body-no older than 2 years, "B" or better is required. (If this course is **taken prior to entering the VN program**, the student will not have to take BIOL 2404, which is required during the fall semester of the VN program.)
- OR
- BIOL 2401 **AND** BIOL 2402-no older than 2 years, "B" or better is required. (If **these courses are taken prior to entering the VN program**, the student will not have to take BIOL 2404, which is required during the fall semester of the VN program.)
- HITT 1305-Medical Terminology. (If this course is **taken prior to entering the VN program**, the student will not have to take HITT 1305 which is required during the fall semester of the VN program.)
- COSS 300-Study Skills
- ITSC 1309-Integrated Software Applications I
- GPA (based on BIOL 2404 or BIOL 2401 and 2402, MATH 110 and HITT 1305) – (4.0 = 1 point; 3.9-3.0 = .75 point; 2.9-2.0 = .50 point.)

Applications are taken year round; students are encouraged to apply by February 1 for fall entry. Obtain a VN admission packet in the Allied Health office or the Counseling Center. No points are calculated for admission after May 30th. Class size is limited and there are more applicants than slots. Completion of recommended bonus courses does not guarantee admission to program.

After successful completion of this program, the graduate is eligible to take the National Council Licensure Examination for Practical Nurses. Upon passing the examination, the graduate is licensed as a vocational nurse.

The Board of Nurse Examiners has identified certain circumstances that may render a potential candidate ineligible for licensure as a vocational nurse in the State of Texas. The Board provides individuals the opportunity to petition the Board for a Declaratory Order as to their eligibility in accordance with Article 301.257 of the Nursing Practice Act.

If you are required to answer "YES" to any of the following questions, please detach the request for a Declaratory Order Petition from the Board of Nurse Examiners, P.O. Box 430, Austin, Texas 78767-0430, and return it to the Board's office. **Processing your Petition may take 6 to 12 months, or longer, after you provide all required documentation and depending on your circumstance.** Once all requested documents have been received, you will be notified that the Petition has been transferred to the Enforcement Department for review.

1. Have you been convicted, adjudged guilty by a court, plead guilty, not contest or nolo contendere to any crime in any state, territory or country, whether or not a sentence was imposed, including any pending criminal charges or unresolved arrest (excluding minor traffic violations)? This includes expunged offenses and deferred adjudications with or without prejudice of guilt. Please note that DUI's, DWI's, PI's must be reported and are not considered minor traffic violations. **(One time minor in possession [MIP] or minor in consumption [MIP] do not need to be disclosed, therefore, you may answer "No." If you have two or more MIP's or MIC's, you must answer "Yes.")**
2. Do you have any criminal charges pending, including unresolved arrests?
3. Has **any** licensing authority refused to issue you a license or ever revoked, annulled, cancelled, accepted surrender of, suspended, placed on probation, refused to renew a professional license, certificate or multi-state privilege held by you now or previously, or ever fined, censured, reprimanded or otherwise disciplined you?
4. Within the past five (5) years have you been addicted to and/or treated for the use of alcohol or any other drug*?
5. Within the past five (5) years have you been diagnosed with, treated, or hospitalized for schizophrenia and/or psychotic bipolar disorder, paranoid personality disorder, antisocial personality disorder, or borderline personality disorder?

If "YES" indicate the condition:

- [] schizophrenia and/or psychotic disorder,
 [] bipolar disorder, [] paranoid personality disorder,
 [] antisocial personality disorder, [] borderline personality disorder.

FIRST SEMESTER	SCH
— VNSG 1423 Basic Nursing Skills	4
— VNSG 1304 Foundations of Nursing	3
— VNSG 1331 Pharmacology	3
— VNSG 1227 Essentials of Medication Administration	2
— BIOL 2404 The Human Body	4
— VNSG 1161 Clinical - Licensed Vocational Nurse (LVN) Training	1
	17
SECOND SEMESTER	
— HITT 1305 Medical Terminology	3
— VNSG 1226 Gerontology	2
— VNSG 1429 Medical-Surgical Nursing I	4
— VNSG 1234 Pediatrics	2
— VNSG 1432 Medical-Surgical Nursing II	4
— VNSG 1360 Clinical - Licensed Vocational Nurse (LVN) Training	3
	18
THIRD SEMESTER	
— VNSG 1330 Maternal-Neonatal Nursing	3
— VNSG 1219 Leadership and Professional Development	2
— VNSG 2431 Advanced Nursing Skills	4
—● VNSG 2361 Clinical - Licensed Vocational Nurse (LVN) Training	3
	12
Total Semester Credit Hours for Certificate	47

Paralegal Studies

Associate of Applied Science in Paralegal Studies - Tech Prep

Paralegals (also called "Legal Assistants") work under the supervision of an attorney and assist in the delivery of legal services. They do substantive legal work the supervising attorney would otherwise do; however, paralegals are not attorneys. Paralegals generally may **not provide legal services directly to the public**, except as permitted by law. Paralegals are important members of the legal service team. They perform such functions as interviewing clients and witnesses, drafting legal documents, conducting legal research, and attending depositions and court hearings.

Paralegals are found in a number of work settings, including law offices, government agencies, and corporate offices.

This program is approved by the **American Bar Association**. It consists of both legal and general education courses. It is intended for the training of paralegals and is not a pre-law course of study.

FIRST SEMESTER		SCH
—	ENGL 1301 English Composition I	3
—♦	POFI 1401 Computer Applications I	4
—	LGLA 1307 Introduction to Law and the Legal Professions	3
—	LGLA 1301 Legal Research and Writing	3
—	LGLA 1355 Family Law	3
		16
SECOND SEMESTER		
—	SPCH 1315 Principles of Public Speaking	3
—	----- Humanities/Fine Arts	3
—	ENGL 1302 English Composition II	3
—	LGLA 1353 Wills, Trusts and Probate Administration	3
—	LGLA 1351 Contracts	3
—	LGLA 1345 Civil Litigation	3
		18
THIRD SEMESTER		
—	GOVT 2301 American Government I	3
—	LGLA 2303 Torts and Personal Injury Law	3
—	LGLA ----- Elective +	3
—	LGLA 2309 Real Property	3
—	POFT 1309 Administrative Office Procedures I	3
—	POFT 2301 Intermediate Keyboarding	3
		18
FOURTH SEMESTER		
—	----- Natural Science/Mathematics	4
—	ACNT 1303 Introduction to Accounting I	
	or	
—	BUSI 1307 Personal Finance	3
—	LGLA ----- Elective +	3
—	LGLA ----- Elective +	3
—●	LGLA 2333 Advanced Legal Document Preparation	
	or	
—	LGLA 2389 Internship - Legal Assistant/Paralegal	3
—	POFT 1132 Workplace Diversity	1
		17
Total Semester Credit Hours for Degree		69

+ *Legal specialty elective to be chosen from LGLA 1317, 1343, 2301, 2307, 2311, 2313, 2323, 2331, 2337, or 2388.*

● Students should plan to take this capstone course in their last semester and should speak with their advisor prior to registering for the final semester.
Core curriculum courses are shown in bold type. *Field of Study (FOS) courses are underlined.* **If both core and FOS, courses are shown in bold & underline type.**
 ♦ Students completing a high school Tech Prep program may receive credit for indicated courses.



Pipefitting

Associate of Applied Science in Pipefitting Technology - Tech Prep

FIRST SEMESTER			SCH
—	PFPB 1350	Plumbing and Pipefitting Equipment and Safety	3
—	PFPB 1408	Basic Pipefitting Skills	4
—	TECM 1349	Technical Math Applications	3
—	♦ ITSC 1309	Integrated Software Applications I	3
—	-----	Natural Science	4
			17
SECOND SEMESTER			
—	SPCH -----	Oral Communications	3
—	PFPB 1305	Basic Blueprint Reading for Pipefitters	3
—	PFPB 2401	Pipe Fabrication and Installation I	4
—	ENGL -----	Written Communication	3
—	-----	Humanities/Fine Arts	3
			16
THIRD SEMESTER			
—	PFPB 2408	Piping Standards and Materials	4
—	PFPB 2349	Field Measuring, Sketching, and Layout	3
—	PFPB 2441	Pipe Fabrication and Installation II	4
—	BMGT 1307	High Performance Work Teams	3
—	-----	Elective	3
			17
FOURTH SEMESTER			
—	● PFPB 2343	Pipe Practices	3
—	-----	Social/Behavioral Science	3
—	PFPB 2449	Field Measuring, Sketching, and Layout	4
—	-----	Elective	3
			13
Total Semester Credit Hours for Degree			63

Certificate of Completion in Pipefitting Technology

FIRST SEMESTER			SCH
—	PFPB 1350	Plumbing and Pipefitting Equipment and Safety	3
—	PFPB 1408	Basic Pipefitting Skills	4
			7
SECOND SEMESTER			
—	PFPB 1305	Basic Blueprint Reading for Pipefitters	3
—	PFPB 2401	Pipe Fabrication and Installation I	4
			7
THIRD SEMESTER			
—	PFPB 2408	Piping Standards and Materials	4
—	PFPB 2349	Field Measuring, Sketching & Layout	3
—	PFPB 2441	Pipe Fabrication and Installation II	4
			11
FOURTH SEMESTER			
—	┘ PFPB 2343	Pipe Practices	3
			3
Total Semester Credit Hours for Certificate			28

Certificate of Completion in Pipefitter Helper

FIRST SEMESTER			SCH
—	PFPB 1350	Plumbing and Pipefitting Equipment and Safety	3
—	PFPB 1408	Basic Pipefitting Skills	4
			7
SECOND SEMESTER			
—	PFPB 1305	Basic Blueprint Reading for Pipefitters	3
—	PFPB 2401	Pipe Fabrication and Installation I	4
			7
THIRD SEMESTER			
—	● PFPB 2349	Field Measuring, Sketching, and Layout	3
			3
Total Semester Credit Hours for Certificate			17

Process Technology

Associate of Applied Science in Process Technology - Tech Prep

The process technology programs prepare the student to enter the operations or laboratory technician field in refinery and manufacturing.

FIRST SEMESTER			SCH
__◆	PTAC 1302	Introduction to Process Technology	3
__◆	PTAC 1308	Safety, Health, and Environment I	3
__	PTAC 1410	Process Technology I - Equipment	4
__	PTAC 1332	Process Instrumentation I	3
__	SCIT 1414	Applied General Chemistry I	4
			17
SECOND SEMESTER			
__	PTAC 2314	Principles of Quality	3
__	PTAC 2420	Process Technology II - Systems	4
__	TECM 1349	Technical Math Applications	3
__	PTAC 2346	Process Troubleshooting	3
__	-----	Elective *	4
			17
THIRD SEMESTER			
__	TECM 1341	Technical Algebra	3
__	PHYS 1401	College Physics I: Mechanics and Heat	
		<i>or</i>	
__	PHYS 1405	General Physics I	4
__	SPCH 1315	Principles of Speaking	3
__◆	ITSC 1309	Integrated Software Applications I	3
			13
FOURTH SEMESTER			
__	-----	Social/Behavioral Science	3
__	ENGL -----	Composition	3
__●	PTAC 2438	Process Technology III - Operations	4
__	-----	Humanities/Fine Arts	3
			13
Total Semester Credit Hours for Degree			60

* Choose from Natural Science AA/AAT/AS Core listing.

Certificate of Completion in Process Technology

FIRST SEMESTER			SCH
__	PTAC 1302	Introduction to Process Technology	3
__	TECM 1341	Technical Algebra	3
__	PTAC 1410	Process Technology I - Equipment	4
__	PTAC 1332	Process Instrumentation I	3
__	SCIT 1414	Applied General Chemistry I	4
			17
SECOND SEMESTER			
__	PTAC 2314	Principles of Quality	3
__	PTAC 2420	Process Technology II - Systems	4
__	PTAC 2346	Process Troubleshooting	3
__●	PTAC 2438	Process Technology III - Operations	4
__◆	PTAC 1308	Safety, Health, and Environment I	3
			17
Total Semester Credit Hours for Certificate			34

● Students should plan to take this capstone course in their last semester and should speak with their advisor prior to registering for the final semester.
Core curriculum courses are shown in bold type. Field of Study (FOS) courses are underlined. If both core and FOS, courses are shown in bold & underline type.
◆ Students completing a high school Tech Prep program may receive credit for indicated courses.



Professional Office Technology

Associate of Applied Science in Professional Office Technology - Tech Prep

The Professional Office Technology Program prepares students for administrative support careers in today's business and industry.

FIRST SEMESTER		SCH
__	POFT 1301 Business English	3
__	POFT 1309 Administrative Office Procedures I	3
__	POFT 1321 Business Math	3
__	POFT 1132 Workplace Diversity	
	<i>or</i>	
__	POFT 1127 Introduction to Keyboarding	1
__	POFI 2301 Word Processing	3
__	----- Humanities/Fine Arts	3
		16
SECOND SEMESTER		
__	ENGL 1301 English Composition I	3
__	POFT 2301 Intermediate Keyboarding*	3
__	POFT 1364 Practicum (or Field Experience) - Administrative Assistant and Secretarial Science, General	
	<i>or</i>	
__	POFT 1349 Administrative Office Procedures II	3
__	POFT 2312 Business Correspondence & Communication	3
__	----- Social/Behavioral Science	3
		15
THIRD SEMESTER		
__	ENGL 2311 Technical Writing	3
__	POFI 2340 Advanced Word Processing	3
__	POFT 1365 Practicum (or Field Experience) - Administrative Assistant and Secretarial Science, General	
	<i>or</i>	
__	POFI 2331 Desktop Publishing for the Office	3
__	POFI 1401 Computer Applications I	4
__	SPCH - - - - Oral Communications	3
		16
FOURTH SEMESTER		
__	----- Natural Science	
	<i>or</i>	
__	MATH - - - - Mathematics	4
__	POFT 2331 Administrative Systems	
	<i>or</i>	
__	POFT 2364 Practicum (or Field Experience) - Administrative Assistant and Secretarial Science, General	3
__	POFI 1349 Spreadsheets	3
__	ACNT 1303 Introduction to Accounting I	3
__	POFI 1341 Computer Applications II	3
		16
Total Semester Credit Hours for Degree		63

* Tech Prep course for this degree.

Certificates of Completion in Office Assistant, Administrative Assistant, And Administrative Specialist

All courses in each certificate apply toward the next level certificate and must be completed for each level certificate to be awarded.

The ability to type 30-35 words per minute is recommended for POFT 2301. POFT 1329 should be taken before taking this course if the student's typewriting speed is less than 30 words per minute.

Certificate of Completion in Office Assistant

FIRST SEMESTER		SCH
__	POFT 1301 Business English	3
__	POFT 1309 Administrative Office Procedures I	3
__	POFT 1329 Beginning Keyboarding	
	<i>or</i>	
__	POFT 2301 Intermediate Keyboarding	3
__	POFI 2301 Word Processing	3
__	POFT 1321 Business Math	3
__	POFT 1132 Workplace Diversity	1
Total Semester Credit Hours for Certificate		16

Certificate of Completion in Administrative Assistant

FIRST SEMESTER		SCH
__	POFT 1301 Business English	3
__	POFT 1309 Administrative Office Procedures I	3
__	POFT 2301 Intermediate Keyboarding	3
__	POFI 2301 Word Processing	3
__	POFT 1321 Business Math	3
__	POFT 1132 Workplace Diversity	1
		16
SECOND SEMESTER		
__	POFT 1349 Administrative Office Procedures II	
	<i>or</i>	
__	POFT 1364 Practicum (or Field Experience) - Administrative Assistant and Secretarial Science, General	3
__	POFI 1401 Computer Applications I	4
__	POFI 2340 Advanced Word Processing	3
__	POFT 2312 Business Correspondence & Communication	3
		13
Total Semester Credit Hours for Certificate		29

Certificate of Completion in Administrative Specialist

FIRST SEMESTER		SCH
__	POFT 1301 Business English	3
__	POFT 1309 Administrative Office Procedures I	3
__	POFT 2301 Intermediate Keyboarding	3
__	POFI 2301 Word Processing	3
__	POFT 1321 Business Math	3
__	POFT 1132 Workplace Diversity	1
		16
SECOND SEMESTER		
__	POFT 1349 Administrative Office Procedures II	
	<i>or</i>	
__	POFT 1364 Practicum (or Field Experience) - Administrative Assistant and Secretarial Science, General	3
__	POFI 1401 Computer Applications I	4
__	POFI 2340 Advanced Word Processing	3
__	POFT 2312 Business Correspondence & Communication	3
		13
THIRD SEMESTER		
__	POFT 2331 Administrative Systems	
	<i>or</i>	
__	POFT 2364 Practicum (or Field Experience) - Administrative Assistant and Secretarial Science, General	3
__	POFI 2331 Desktop Publishing for the Office	3
__	POFI 1349 Spreadsheets	3
__	POFI 1341 Computer Applications II	3
		12
Total Semester Credit Hours for Certificate		41

Professional Writing

Associate of Science in Professional Writing

Using technical writing as a foundation, students will learn to design professional publications and write documents for business and industry.

FIRST SEMESTER		SCH
—	ENGL 1301 English Composition I	3
—	HIST 1301 History of the United States to 1877	
	<i>or</i>	
	HIST 1302 History of the United States since 1877	
	<i>or</i>	
	HIST 2301 History of Texas	3
—	---- Natural Science	4
—	COMM 2305 Business Publication Design	3
—	---- Computer Literacy	3-4
		16/17
SECOND SEMESTER		
—	ENGL 1302 English Composition II	3
—	HIST 1301 History of the United States to 1877	
	<i>or</i>	
	HIST 1302 History of the United States since 1877	
	<i>or</i>	
	HIST 2301 History of Texas	3
—	ENGL 2311 Technical Writing	3
—	ENGL 2189L Legal Writing	
	<i>or</i>	
	ENGL 2189F Feature Writing	1
—	---- Natural Science	4
—	---- Social/Behavioral Science: Other	3
		17
THIRD SEMESTER		
—	GOVT 2301 American Government I	
	<i>or</i>	
	GOVT 2302 American Government II	3
—	SPCH ---- Communication: Other	3
—	MATH ---- Mathematics	4
—	---- Humanities: Visual/Performing Arts	3
—	ENGL 2189I International Technical Communication	1
—	ENGL 2189 Elective	1
		15
FOURTH SEMESTER		
—	GOVT 2301 American Government I	
	<i>or</i>	
	GOVT 2302 American Government II	3
—	---- Humanities: Other	3
—	KINE ---- Health, Wellness, Kinesiology	1
—	COMM 2389P Professional Writing Internship	3
—	ENGL 2315 Advanced Technical Writing	3
		13
Total Semester Credit Hours for Degree		61/62

● Students should plan to take this capstone course in their last semester and should speak with their advisor prior to registering for the final semester.
 Core curriculum courses are shown in bold type. Field of Study (FOS) courses are underlined. If both core and FOS, courses are shown in bold & underline type.
 ♦ Students completing a high school Tech Prep program may receive credit for indicated courses.



Safety Management

Certificate of Completion in Safety Management Technology

This program prepares the students to enter the workplace as HAZMAT maintenance technicians, occupational health and safety specialists, chemical safety technicians, inspectors, or quality control technicians.

FIRST SEMESTER			SCH
—	OSHT 1301	Introduction to Safety and Health	3
—	OSHT 1309	Physical Hazards Control	3
—	OSHT 1313	Accident Prevent Inspect Invest	3
—	SCIT 1414	Applied General Chemistry I	4
—	TECM 1341	Technical Algebra	3
			16
SECOND SEMESTER			
—	OSHT 1316	Material Handling	3
—	OSHT 1321	Fire Protection Systems	3
—	PTAC 2314	Principles of Quality	3
—	TECM 1349	Technical Math Applications	3
—	-----	Elective	3
			15
THIRD SEMESTER			
—	OSHT 2309	Safety Program Management	3
—●	OSHT 2401	OSHA Regulations	4
—	ENGL 2311	Technical Writing	3
—	-----	Elective	3
			13
Total Semester Credit Hours for Certificate			44

Social Sciences

Associate of Arts in Social Sciences

Students will gain a basic understanding of society through historical events and sociological and economic development.

FIRST SEMESTER		SCH
—	ENGL 1301 English Composition I	3
—	HIST 1301 History of the United States to 1877	
	<i>or</i>	
	HIST 1302 History of the United States since 1877	
	<i>or</i>	
	HIST 2301 History of Texas	3
—	---- ---- Natural Science	4
—	MATH 1414 College Algebra (or more advanced)	
	<i>or</i>	
—	MATH 1332 Contemporary Mathematics I	3-4
—	---- ---- Computer Literacy	3-4
		16/18
SECOND SEMESTER		
—	ENGL 1302 English Composition II	3
—	HIST 1301 History of the United States to 1877	
	<i>or</i>	
	HIST 1302 History of the United States since 1877	
	<i>or</i>	
	HIST 2301 History of Texas	3
—	---- ---- Natural Science	4
—	SPCH 1315 Principles of Public Speaking	3
—	---- ---- Elective	3
		16
THIRD SEMESTER		
—	GOVT 2301 American Government I	3
—	---- ---- Humanities: Visual/Performing Arts	3
—	ENGL ---- Literature	3
—	SOCI 1301 Introductory Sociology	3
—	PSYC 2301 Introduction to Psychology	3
—	KINE ---- Health, Wellness, Kinesiology	1
		16
FOURTH SEMESTER		
—	GOVT 2302 American Government II	3
—	---- ---- Humanities: Other	3
—	SOCI 2319 Multi-Cultural Studies	3
—	---- ---- Social Science elective	3
—	ECON 2301 Principles of Economics: Macroeconomics	
	<i>or</i>	
	ECON 2302 Principles of Economics: Microeconomics	3
		15
Total Semester Credit Hours for Degree		63/65

Social Work

Associate of Arts in Social Work

FIRST SEMESTER		SCH
—	ENGL 1301 English Composition I	3
—	HIST 1301 History of the United States to 1877	
	<i>or</i>	
	HIST 1302 History of the United States since 1877	
	<i>or</i>	
	HIST 2301 History of Texas	3
—	---- ---- Natural Science*	4
—	MATH 1414 College Algebra	
	<i>or</i>	
—	MATH 1332 Contemporary Mathematics I	3-4
—	SOCI 1301 Introductory Sociology	3
		15/17
SECOND SEMESTER		
—	ENGL 1302 English Composition II	3
—	HIST 1301 History of the United States to 1877	
	<i>or</i>	
	HIST 1302 History of the United States since 1877	
	<i>or</i>	
	HIST 2301 History of Texas	3
—	PSYC 2301 Introduction to Psychology	3
—	---- ---- Humanities: Other**	3
—	---- ---- Natural Science	4
		16
THIRD SEMESTER		
—	GOVT 2301 American Government I	
	<i>or</i>	
	GOVT 2302 American Government II	3
—	---- ---- Computer Literacy	3-4
—	KINE ---- Health, Wellness, Kinesiology	1
—	SOCW 2361 Introduction to Social Work	3
—	SOCI 2319 Multi-Cultural Studies	3
—	PSYC 2314 Life Span Growth & Development	3
		16-17
FOURTH SEMESTER		
—	GOVT 2301 American Government I	
	<i>or</i>	
	GOVT 2302 American Government II	3
—	---- ---- Humanities: Visual & Performing Arts	3
—	SPCH 1315 Principles of Public Speaking	3
—	SOCI 1306 Social Problems	3
—	SOCW 2362 Social Welfare as a Social Institution	3
		15
Total Semester Credit Hours for Degree		63/65

* *Biology Recommended*

** *Humanities or Philosophy*

● Students should plan to take this capstone course in their last semester and should speak with their advisor prior to registering for the final semester.
 Core curriculum courses are shown in bold type. Field of Study (FOS) courses are underlined. If both core and FOS, courses are shown in bold & underline type.
 ♦ Students completing a high school Tech Prep program may receive credit for indicated courses.



Spanish

Associate of Arts in Spanish

This degree is designed for students majoring in Spanish who plan to seek a bachelor of arts degree. Students will gain a basic understanding of the Spanish language, identifying their skills through reading comprehension, conversation, and translation. Those beginning at a higher level of language proficiency may choose electives to complete their degree and choose core curriculum courses that are applicable to their major at their selected transfer university.

The admission requirement for a language course other than the beginning course, can be fulfilled by satisfying the prerequisite. Two consecutive years of Spanish in high school may place students into an intermediate level based on instructor evaluation.

Many universities and senior colleges require a foreign language for a bachelor of arts degree. Today, due to the increasing demand for foreign language skills among the different peoples of the world, a knowledge of the leading foreign languages has become an important part of the educated person's academic preparation.

FIRST SEMESTER				SCH
—	ENGL	1301	English Composition I	3
—	----	----	Social/Behavioral Science: Other	3
—	HIST	1301	History of the United States to 1877	
			<i>or</i>	
	HIST	1302	History of the United States since 1877	
			<i>or</i>	
	HIST	2301	History of Texas	3
—	SPAN	1411	Beginning Spanish	4
				13
SECOND SEMESTER				
—	ENGL	1302	English Composition II	3
—	MATH	1414	College Algebra	
			<i>or</i>	
	MATH	1332	Contemporary Mathematics I	3-4
—	HIST	1301	History of the United States to 1877	
			<i>or</i>	
	HIST	1302	History of the United States since 1877	
			<i>or</i>	
	HIST	2301	History of Texas	3
—	SPAN	1412	Intermediate Spanish	4
—	KINE	----	Health, Wellness, Kinesiology	1
—	----	----	Elective outside one's major	3
				17/18
THIRD SEMESTER				
—	----	----	Humanities: Other	3
—	GOVT	2301	American Government I	3
—	----	----	Natural Science	4
—	----	----	Computer Literacy	3-4
—	SPAN	2311	Spanish: Reading, Conversation, Composition and Grammar Review	3
				16/17
FOURTH SEMESTER				
—	GOVT	2302	American Government II	3
—	----	----	Natural Science	4
—	----	----	Humanities: Visual/Performing Arts	3
—	----	----	Communication: Other	3
—	SPAN	2312	Spanish: Reading, Conversation, Composition and Grammar Review	3
				16
	Total Semester Credit Hours for Degree			62/64

Transfer

Associate of Science in Transfer

Students will meet core curriculum requirements and choose an area of concentration to prepare for upper division coursework where more specific fields of study are not available through AA, AS, or AAT degrees offered by Lee College. Electives in the concentration must be chosen from academic courses in the same rubric (exceptions need an instructional dean's approval); technical courses do not apply. Academic courses are listed in the State of Texas Academic Course Guide Manual found at www.theccb.state.tx.us. The AS in transfer is only available to students who have not already earned an AA, AS, or AAT degree from Lee College, and it is not awarded simultaneously with another AA, AS, or AAT degree from Lee College.

FIRST SEMESTER		SCH
—	ENGL 1301 English Composition I	3
—	MATH 1414 College Algebra (or more advanced)	4
—	HIST 1301 History of the United States to 1877	
	<i>or</i>	
	HIST 1302 History of the United States since 1877	
	<i>or</i>	
	HIST 2301 History of Texas	3
—	---- ---- Computer Literacy	3-4
—	---- ---- Elective *	3
		16/17
SECOND SEMESTER		
—	ENGL 1302 English Composition II	3
—	HIST 1301 History of the United States to 1877	
	<i>or</i>	
	HIST 1302 History of the United States since 1877	
	<i>or</i>	
	HIST 2301 History of Texas	3
—	---- ---- Social/Behavioral Science	3
—	KINE ---- Health, Wellness, Kinesiology	1-3
—	---- ---- Elective *	3
		13/15
THIRD SEMESTER		
—	---- ---- Communication: Other	3
—	---- ---- Natural Science	4
—	GOVT 2301 American Government I	3
—	---- ---- Humanities: Other	3
—	---- ---- Elective *	3
		16
FOURTH SEMESTER		
—	---- ---- Natural Science	4
—	GOVT 2302 American Government II	3
—	---- ---- Humanities: Visual/Performing Arts	3
—	---- ---- Elective	3
—	---- ---- Elective	3
		16
Total Semester Credit Hours for Degree		61/64

* Electives must be academic courses in the same discipline, identified by the same rubric. Exceptions must be approved by an instructional dean.

● Students should plan to take this capstone course in their last semester and should speak with their advisor prior to registering for the final semester.
Core curriculum courses are shown in bold type. *Field of Study (FOS) courses are underlined.* **If both core and FOS, courses are shown in bold & underline type.**
 ♦ Students completing a high school Tech Prep program may receive credit for indicated courses.



Visual Arts

Associate of Arts in Visual Arts

Students will gain a basic understanding of two-and/or three-dimensional design and apply those principles to their own work. They will develop technical proficiency and an understanding of aesthetic principles basic to one or more media to prepare them to transfer to a four-year art program or further explore their medium of choice. Students seeking a bachelor of arts degree may want to take courses to meet the freshman art core (ARTS 1301, 1303, 1304, 1311, 1312, 1316, 1317), recommended by the Texas Association of Schools of Arts, as well as courses in painting, sculpture, ceramics, digital imaging and photography. Students should select a transfer university early in their program and seek the advice of an academic advisor, counselor, or art instructor about course selection and prerequisites for their program.

FIRST SEMESTER		SCH
— ARTS 1303	Art History I	
	<i>or</i>	
ARTS 1304	Art History II	3
— ARTS 1311	Design I *	3
— ARTS 1316	Drawing I	3
— ENGL 1301	English Composition I	3
— HIST 1301	History of the United States to 1877	
	<i>or</i>	
HIST 1302	History of the United States since 1877	
	<i>or</i>	
HIST 2301	History of Texas	3
		15
SECOND SEMESTER		
— ARTS 1303	Art History I	
	<i>or</i>	
ARTS 1304	Art History II	3
— ----	Humanities: Other	3
— ARTS 1317	Drawing II	3
— ENGL 1302	English Composition II	3
— ----	Natural Science	4
		16
THIRD SEMESTER		
— ARTS ----	Art elective	3
— ----	Humanities: Visual/Performing Arts	3
— GOVT 2301	American Government I	3
— HIST 1301	History of the United States to 1877	
	<i>or</i>	
HIST 1302	History of the United States since 1877	
	<i>or</i>	
HIST 2301	History of Texas	3
— ----	Communication: Other	3
— ----	Social/Behavioral Science: Other	3
— KINE ----	Health, Wellness, Kinesiology	1
		19
FOURTH SEMESTER		
— GOVT 2302	American Government II	3
— ----	Computer Literacy	3
— ----	Natural Science	4
— MATH ----	Mathematics	3
— ARTS ----	Elective	3
		16
Total Semester Credit Hours for Degree		66

* Offered once a year.

Visual Arts: Imaging

Associate of Arts in Visual Arts: Imaging

Students will gain a basic understanding of imaging software and the technical aspects of digital imaging to be able to manipulate images for aesthetic or graphic arts productions and/or online presentations.

FIRST SEMESTER		SCH
— ENGL 1301	English Composition I	3
— HIST 1301	History of the United States to 1877	
	<i>or</i>	
HIST 1302	History of the United States since 1877	
	<i>or</i>	
HIST 2301	History of Texas	3
— KINE ----	Health, Wellness, Kinesiology	1
— ARTS 1316	Drawing I	3
— ARTS 2313	Design Communications I	3
— ARTS 1304	Art History II	3
		16
SECOND SEMESTER		
— ENGL 1302	English Composition II	3
— HIST 1301	History of the United States to 1877	
	<i>or</i>	
HIST 1302	History of the United States since 1877	
	<i>or</i>	
HIST 2301	History of Texas	3
— ----	Communication: Other	3
— ----	Computer Literacy	3
— ARTS 2314	Design Communications II	3
— ARTS 1311	Design I *	3
		18
THIRD SEMESTER		
— GOVT 2301	American Government I	
	<i>or</i>	
GOVT 2302	American Government II	3
— ----	Natural Science	4
— ----	Social/Behavioral Science: Other	3
— ARTS 2348	Digital Art I	3
— ARTS 1317	Drawing II	3
		16
FOURTH SEMESTER		
— GOVT 2301	American Government I	
	<i>or</i>	
GOVT 2302	American Government II	3
— ----	Natural Science	4
— ----	Humanities: Other	3
— MATH ----	Mathematics	3
— ARTS 2349	Digital Art II	3
		16
Total Semester Credit Hours for Degree		66

* Offered once a year.

Welding

Associate of Applied Science in Welding Technology - Tech Prep

FIRST SEMESTER			SCH
__♦	WLDG 1428	Introduction to Shielded Metal Arc Welding (SMAW)	4
__	WLDG 2331	Advanced Blueprint Interpretation & Cost Analysis	3
__	TECM 1341	Technical Algebra	3
__	ENGL - - - -	Written Communication	3
__	WLDG 1323	Welding Safety, Tools, and Equipment	3
			16
SECOND SEMESTER			
__♦	WLDG 2443	Advanced Shielded Metal Arc Welding (SMAW)	4
__	WLDG 1337	Introduction to Metallurgy	3
__	TECM 1349	Technical Math Applications	3
__	BMGT 1307	High Performance Work Teams	3
__	- - - - -	Natural Science	4
			17
THIRD SEMESTER			
__	WLDG 1435	Introduction to Pipe Welding	4
__	WLDG 1434	Introduction to Gas Tungsten Arc (GTAW) Welding	4
__	WLDG 1327	Welding Codes	3
__♦	ITSC 1309	Integrated Software Applications I	3
__	- - - - -	Humanities/Fine Arts	3
			17
FOURTH SEMESTER			
__	WLDG 2453	Advanced Pipe Welding	4
__♦	WLDG 2451	Advanced Gas Tungsten Arc (GTAW) Welding	4
__	SPCH - - - -	Oral Communications	3
__	- - - - -	Social/Behavioral Science	3
__	- - - - -	Elective	3
			17
Total Semester Credit Hours for Degree			67

Certificate of Completion in Welding Technology

FIRST SEMESTER			SCH
__	WLDG 2331	Advanced Blueprint Interpretation & Cost Analysis	3
__	WLDG 1428	Introduction to Shielded Metal Arc Welding (SMAW)	4
__	WLDG 1323	Welding Safety, Tools, and Equipment	3
			10
SECOND SEMESTER			
__	WLDG 1337	Introduction to Metallurgy	3
__	WLDG 2443	Advanced Shielded Metal Arc Welding (SMAW)	4
__	WLDG 1291	Special Topics in Welder/Welding Technologist	2
			9
THIRD SEMESTER			
__	WLDG 1435	Introduction to Pipe Welding	4
__	WLDG 1434	Introduction to Gas Tungsten Arc (GTAW) Welding	4
__	WLDG 1327	Welding Codes	3
			11
FOURTH SEMESTER			
__	WLDG 2453	Advanced Pipe Welding	4
__	WLDG 2451	Advanced Gas Tungsten Arc (GTAW) Welding	4
			8
Total Semester Credit Hours for Certificate			38

Certificate of Completion in Welding Inspection Technology

FIRST SEMESTER			SCH
__	WLDG 2331	Advanced Blueprint Interpretation & Cost Analysis	3
__	WLDG 1337	Introduction to Metallurgy	3
__	NDTE 1401	Film Interpretation of Weldments	4
__	NDTE 1410	Liquid Penetrant/Magnetic Particle Testing	4
			14
SECOND SEMESTER			
__●	NDTE 2411	Preparation for Welding Inspection Certification	4
__	WLDG 1327	Welding Codes	3
			7
Total Semester Credit Hours for Certificate			21