

Chapter 4 • Degrees & Certificates Offered

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
<i>or</i>		
—	SPCH 1321 Business and Professional Speech	3
—	---- Natural Science	4
<i>or</i>		
—	---- 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
<i>or</i>		
—	● 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	
<i>or</i>		
—	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	3
<i>or</i>		
—	● 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	
<i>or</i>		
—	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
<i>or</i>		
—	● 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 and 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 I	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 or	
	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 or	
	HIST 1302 History of the United States since 1877 or	
—	HIST 2301 History of Texas	3
		16

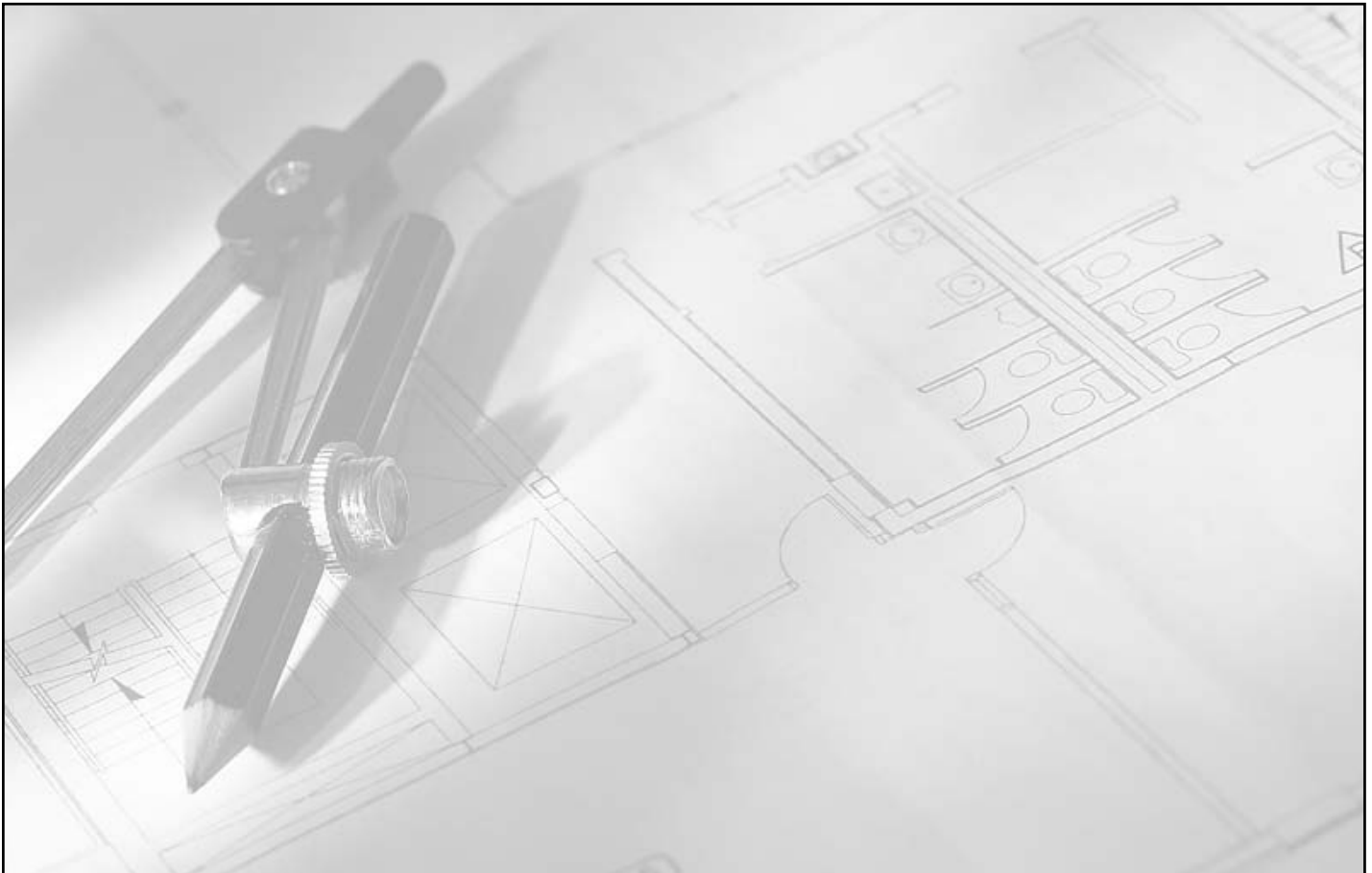
THIRD SEMESTER

—	ARCH 1301 Architectural History I or	
	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 or	
	HIST 1302 History of the United States since 1877 or	
—	HIST 2301 History of Texas	3
—	---- ---- Humanities: Other	3
		16

FOURTH SEMESTER

—	---- ---- Computer Literacy	3-4
—	ARCH ---- Architectural elective or	
	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 and 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
—	<u>ACCT 2401</u>	<u>Principles of Accounting I - Financial</u>	4
—	<u>ECON 2301</u>	<u>Principles of Economics: Macroeconomics</u>	3
—	GOVT 2301	American Government I	3
—	<u>MATH 1425</u>	<u>Calculus with Business Applications</u>	4
—	BUSI 2301	Business Law	3
			17

FOURTH SEMESTER			SCH
—	<u>ACCT 2402</u>	<u>Principles of Accounting II - Managerial</u>	4
—	<u>ECON 2302</u>	<u>Principles of Economics: Microeconomics</u>	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 1395	Special Topics: Process Control and Supply Chain Management	3
—	BMGT 2331	Principles of Quality Management	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 1395	● Special Topics: Process Control and Supply Chain 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 and 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 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

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

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.*

● 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 and underline type.
 ♦ Students completing a high school Tech Prep program may receive credit for indicated courses.

Computer Information Systems

Associate of Applied Science in Personal Computer Support Specialist

FIRST SEMESTER			SCH
—	ITSC 1309	Integrated Software Applications I	3
		<i>or</i>	
—	BCIS 1405	Business Computer Applications	4
—	ITNW 1337	Introduction to the Internet*	3
—	CPMT 1411	Introduction to Computer Maintenance	4
—	ENGL 1301	English Composition I	3
			13/14
SECOND SEMESTER			
—	SPCH ----	Oral Communications	3
—	ITCC 1402	CCNA 1: Networking Basics	4
—	ARTC 1413	Digital Publishing I***	4
—	IMED 1316	Web Page Design I	3
			14
THIRD SEMESTER			
—	ITSC 2321	Integrated Software Applications II	3
—	---- ----	Social/Behavioral Science	3
—	ITSW 2337	Advanced Database	3
—	---- ----	Natural Science	4
		<i>or</i>	
—	MATH ----	Mathematics	4
—	COSC 1436	Programming Fundamentals I	4
		<i>or</i>	
—	ITSE 1331	Introduction to Visual BASIC Programming	3
			16/17
FOURTH SEMESTER			
—	ITSE 1350	System Analysis and Design	3
—	---- ----	Humanities/Fine Arts	3
—●	ITSC 2339	Personal Computer Help Desk	3
		<i>or</i>	
—●	ITSC 2335	Application Problem Solving	3
—	ACNT 1303	Introduction to Accounting I	3
—	---- ----	Elective**	3/4
			18/20
Total Semester Credit Hours for Degree			61/65

** Select electives from ARTC 1453, 2440, COSC 1437, IMED 1301, IMED 2309, IMED 2315, ITSC 1364.

Certificate of Completion in Digital Media

SUMMER SEMESTER			SCH
—	ITSC 1309	Integrated Software Applications I	
		<i>or</i>	
—	BCIS 1405	Business Computer Applications	3-4
			3/4
FIRST SEMESTER			
—	ARTC 1453	Computer Illustration*	4
—	CPMT 1411	Introduction to Computer Maintenance	4
—	ITNW 1337	Introduction to the Internet*	3
—●	ITSC 2321	Integrated Software Applications II	3
—	SPCH 1315	Principles of Public Speaking	
		<i>or</i>	
—	SPCH 1321	Business and Professional Speech	3
			17

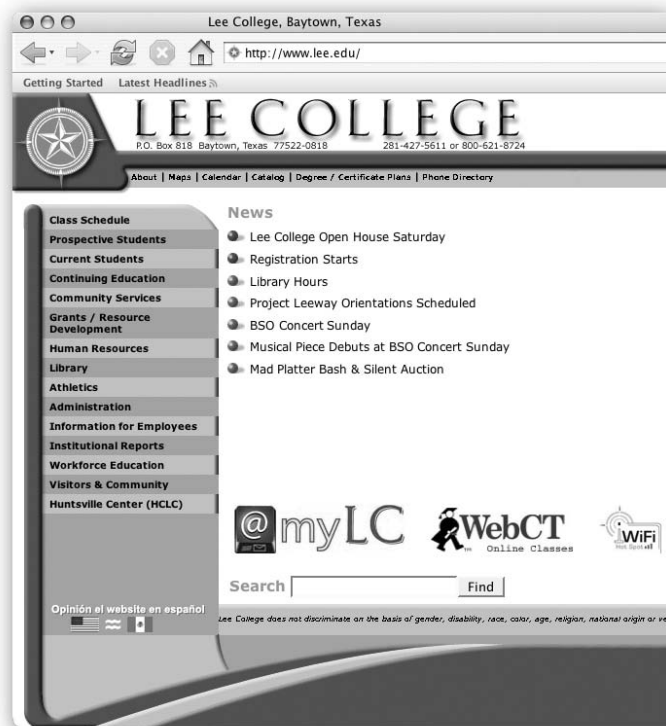
SECOND SEMESTER			
—	ARTC 1413	Digital Publishing I***	4
—●	ARTC 2440	Computer Illustration II***	4
—	IMED 1316	Web Page Design I	3
—	MRKG 1311	Principles of Marketing	3
			14
Total Semester Credit Hours for Degree			34/35

Certificate of Completion in E-Business Web Developer Specialist

SUMMER SEMESTER			SCH
—	ITSC 1309	Integrated Software Applications I	
		<i>or</i>	
—	BCIS 1405	Business Computer Applications	3-4
			3/4
FIRST SEMESTER			SCH
—	BUSI 1301	Business Principles	3
—	ITNW 1337	Introduction to the Internet*	3
—	ITSE 1350	System Analysis and Design	3
—	CPMT 1411	Introduction to Computer Maintenance	4
—	ITSW 2301	Fundamentals of Geographic Information Systems (GIS)	3
			16
SECOND SEMESTER			
—	ITSC 2321	Integrated Software Applications II	3
—	IMED 1316	Web Page Design I	3
—	IMED 2309	Internet Commerce	3
—●	IMED 2315	Web Page Design II	3
—	MRKG 1311	Principles of Marketing	3
			15
Total Semester Credit Hours for Certificate			34/35

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

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



Certificate of Completion in Personal Computer Support Specialist

SUMMER SEMESTER			SCH
—	ITSC 1309	Integrated Software Applications I	
		<i>or</i>	
—	BCIS 1405	Business Computer Applications	3-4
			3-4
FIRST SEMESTER			
—	ARTC 1453	Computer Illustration*	4
—	CPMT 1411	Introduction to Computer Maintenance	4
—	ITNW 1337	Introduction to the Internet*	3
—	● ITSC 2321	Integrated Software Applications II	3
—	SPCH 1315	Principles of Public Speaking	
		<i>or</i>	
	SPCH 1321	Business and Professional Speech	3
			17
Total Semester Credit Hours for Certificate			20/21

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

Associate of Applied Science in E-Business Web Developer Specialist

SUMMER SEMESTER			SCH
—	ITSC 1309	Integrated Software Applications I	3
		<i>or</i>	
—	BCIS 1405	Business Computer Applications	3-4
			3/4
FIRST SEMESTER			
—	ITSE 1331	Introduction to Visual BASIC Programming	3
—	COSC 1436	Programming Fundamentals I	4
—	BUSI 1301	Business Principles	3
—	ITNW 1337	Introduction to the Internet*	3
—	IMED 1301	Introduction to Multimedia	3
			16
SECOND SEMESTER			
—	ARTC 1413	Digital Publishing I***	4
—	ITSC 2321	Integrated Software Applications II	3
—	ITSE 1350	System Analysis and Design	3
—	IMED 1316	Web Page Design I	3
—	MRKG 1311	Principles of Marketing	3
			16
THIRD SEMESTER			
—	IBUS 1305	Introduction of International Business and Trade	3
—	ITSW 2301	Fundamentals of Geographic Information Systems (GIS)	3
—	BUSG 2309	Small Business Management	3
—	----	Oral Communications	3
—	----	Humanities/Fine Arts	3
			15
FOURTH SEMESTER			
—	ENGL 1301	English Composition I	3
—	----	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
			16
Total Semester Credit Hours for Certificate			66/67

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

● 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 and 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 1445 Computer Systems Maintenance	4
— ♦ ITSC 1309 Integrated Software Applications I	3
— ♦ CPMT 1411 Introduction to Computer Maintenance	4
— TECM 1341 Technical Algebra	3
	18
SECOND SEMESTER	
— CPMT 2445 Computer System Troubleshooting	4
— TECM 1349 Technical Math Applications	3
— ITCC 1402 CCNA 1: Networking Basics	4
— ENGL ---- Written Communication	3
— ---- ---- Humanities/Fine Arts	3
	17
THIRD SEMESTER	
— ---- ---- Elective*	4
— SPCH ---- Oral Communications	3
— BMGT 1307 High Performance Work Teams	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 as approved by lead instructor.

** 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
— CPMT 1445 Computer Systems Maintenance	4
— TECM 1341 Technical Algebra	3
— 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 CPMT 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 SMESTER	
— ● 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>	<u>4</u>
—	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
			16
SECOND SEMESTER			
—	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>COSC 1437</u>	<u>Programming Fundamentals II</u>	<u>4</u>
—	ENGL 1302	English Composition II	3
—	----	Communication: Other	3
—	<u>MATH 2413</u>	<u>Calculus I with Analytic Geometry</u>	<u>4</u>
			17
THIRD SEMESTER			
—	----	Humanities: Other	3
—	GOVT 2301	American Government I	3
—	COSC 2325	Computer Organization & Machine Language	3
—	<u>MATH 2414</u>	<u>Calculus II with Analytic Geometry</u>	<u>4</u>
—	<u>PHYS 2425</u>	<u>Mechanics & Heat</u>	<u>4</u>
			17
FOURTH SEMESTER			
—	GOVT 2302	American Government II	3
—	<u>COSC 2436</u>	<u>Programming Fundamentals III</u>	<u>4</u>
—	KINE ----	Health, Wellness, Kinesiology	1
—	<u>PHYS 2426</u>	<u>Electricity, Optics & Waves</u>	<u>4</u>
—	----	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 and 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 T.C.C. 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	
	<i>or</i>	
—	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	
	<i>or</i>	
—	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 T.C.C. 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 Cosmetology Commission, the students must have completed the following courses of study and must show satisfactory completion of the state administered exam.

FIRST SEMESTER		SCH
—	CSME 1401 Orientation to Cosmetology	4
—	CSME 1410 Introduction to Haircutting and Related Theory	4
—	CSME 1453 Chemical Reformation and Related Theory	4
—	CSME 1248 Principles of Skin Care	2
		14
SECOND SEMESTER		
—	CSME 2401 The Principles of Hair Coloring and Related Theory	4
—	CSME 2410 Advanced Haircutting and Related Theory	4
—	CSME 1451 Artistry of Hair, Theory and Practice	4
—	CSME 1293 Special Topics in Cosmetic Services, General	2
		14
THIRD SEMESTER		
—	CSME 2337 Advanced Cosmetology Techniques	3
—●	CSME 2441 Preparation for Texas Cosmetology Commission Examination	4
—	CSME 2439 Advanced Hair Design	4
—	CSME 2343 Salon Development	3
		14
Total Semester Credit Hours for Certificate		42

Certificate of Completion in Nail Design

To earn a certificate, students must successfully complete 600 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
—	◆ CRIJ 1301	<u>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
—	CRIJ 1306	<u>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	3
—	----	Natural Science	4
—	CRIJ 1310	<u>Fundamentals of Criminal Law</u>	3
—	CRIJ 2328	<u>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
—	CRIJ 2313	<u>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
—	◆ CRIJ 1301	Introduction to Criminal Justice	3
—	◆ CRIJ 2328	Police Systems and Practices	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	
		<i>or</i>	
—	ANTH 2351	Cultural Anthropology	3
—	----	Criminal Justice elective *	3
—	----	Elective	3
			18
THIRD SEMESTER			
—	SPCH 1315	Principles of Public Speaking	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
—	----	Elective	3
			16
Total Semester Credit Hours for Degree			64

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

Certificate of Completion in Law Enforcement

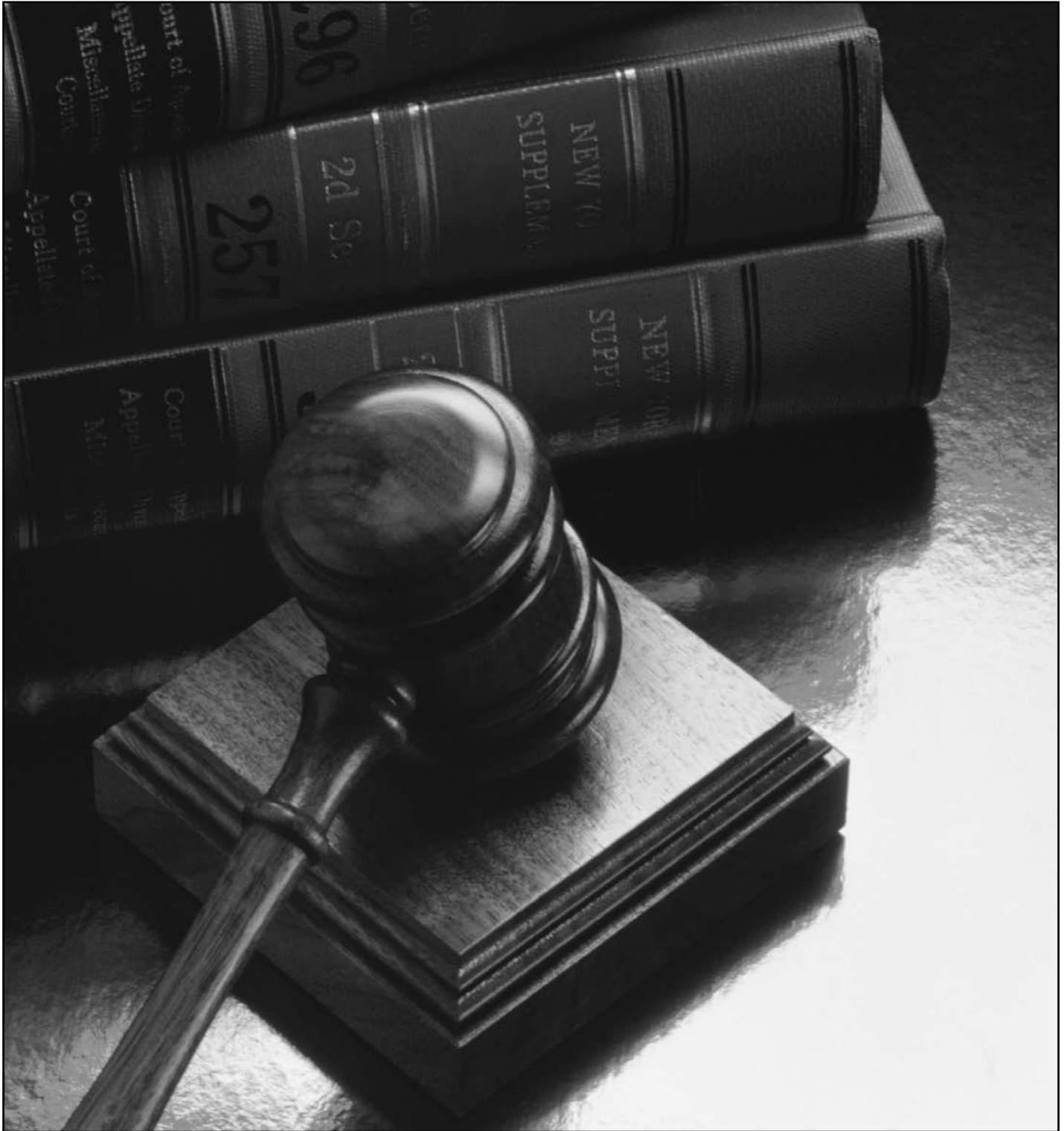
FIRST SEMESTER			SCH
—	CRIJ 1301	Introduction to Criminal Justice	3
—	CRIJ 1310	Fundamentals of Criminal Law	3
—	ENGL ----	Written Communication	3
—	ITSC 1309	Integrated Software Applications I	
		<i>or</i>	
	COSC 1301	Microcomputer Applications	3
—	CRIJ 2313	Correctional Systems and Practices	3
			15
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

● 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 and underline type.
 ◆ Students completing a high school Tech Prep program may receive credit for indicated courses.

THIRD SEMESTER

— ●	CRIJ	2328	Police Systems and Practices	3
—	SOCI	1301	Introduction to Sociology	
			or	
—	ANTH	2351	Cultural Anthropology	3
—	SPCH	1315	Principles of Public Speaking	3
—	----	----	Criminal Justice elective *	3
—	----	----	Elective	3
				15
			Total Semester Credit Hours for Certificate	42

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



Drafting Technology - CADD

Associate of Applied Science in Computer Aided Drafting & Design Technology

The Drafting Technology program provides training experience in traditional board drafting as well as 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 a transferable course substitution.

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 *	
	or	
—	ELPT 1325 National Electrical Code I	
	or	
—	WLDG 1313 Introduction to Blueprint Reading for Welders	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

* Choose from ARCE 1403, 1442, or ELPT 1325, or WLDG 1313.
 ** DFTG Electives should be chosen from ARCE 1452, ARCE 2444, DFTG 1417, 1433, 1458, 2400, 2408, 2410, 2412, 2423, 2427, 2428, 2430, 2431, 2432, 2435, 2440, 2442, 2445, 2467.

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 Drafting Science & Technology Certificate.)

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

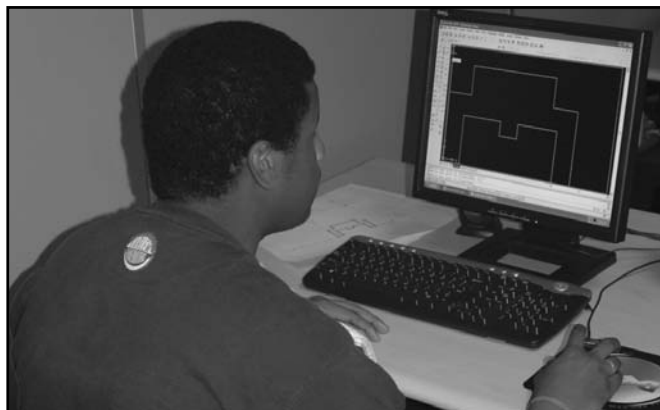
* DFTG Electives should be chosen from ARCE 1452, ARCE 2444, DFTG 1417, 1433, 1458, 2400, 2408, 2410, 2412, 2423, 2427, 2428, 2430, 2431, 2432, 2435, 2440, 2442, 2445, 2467.

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 ARCE 1452, ARCE 2444, DFTG 1417, 1433, 1458, 2400, 2408, 2410, 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 and 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



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 or substitute teachers.

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	3
___ ----	----	Natural Science	4
___ MATH	1414	College Algebra	4
___ TECA	1311	<u>Educating Young Children</u>	3
			17
SECOND SEMESTER			
___ ENGL	1302	English Composition II	3
___ HIST	2301	History of Texas *	3
___ ----	----	Humanities: Visual & Performing Arts	3
___ ----	----	Natural Science	4
___ MATH	1350	<u>Fundamentals of Mathematics I</u>	3
			16
THIRD SEMESTER			
___ GOVT	2301	American Government I	
		<i>or</i>	
___ GOVT	2302	American Government II	3
___ ----	----	Social/Behavioral Science: Other	3
___ SPCH	1315	Principles of Public Speaking	
		<i>or</i>	
___ SPCH	1321	Business and Professional Speech	3
___ KINE	----	Health, Wellness, Kinesiology	1
___ MATH	1351	<u>Fundamentals of Mathematics II</u>	3
___ TECA	1318	<u>Wellness of the Young Child</u>	3
			16
FOURTH SEMESTER			
___ GOVT	2301	American Government I	
		<i>or</i>	
___ GOVT	2302	American Government II	3
___ ----	----	Humanities: Other	3
___ BCIS	1405	Business Computer Applications *	4
___ TECA	1303	<u>Family, School, and Community</u>	3
___ TECA	1354	<u>Child Growth and Development</u>	3
			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.

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	3
___ ----	----	Natural Science	4
___ MATH	1414	College Algebra	4
___ EDUC	1301	<u>Introduction to the Teaching Profession</u>	3
			17
SECOND SEMESTER			
___ ENGL	1302	English Composition II *	3
___ HIST	2301	<u>History of Texas ##</u>	3
___ ---	---	Humanities: Visual & Performing Arts	3
___ ---	---	Natural Science	4
___ MATH	1350	<u>Fundamentals of Mathematics I</u>	3
			16
THIRD SEMESTER			
___ GOVT	2301	American Government I	
		<i>or</i>	
___ GOVT	2302	American Government II	3
___ ---	---	Social/Behavioral Science: Other #	3
___ SPCH	1315	Principles of Public Speaking	
		<i>or</i>	
___ SPCH	1321	Business and Professional Speech	3
___ KINE	---	Health, Wellness, Kinesiology	1
___ MATH	1351	<u>Fundamentals of Mathematics II</u>	3
___ ---	---	<u>Natural Science ###</u>	3-4
			16-17
FOURTH SEMESTER			
___ GOVT	2301	American Government I	
		<i>or</i>	
___ GOVT	2302	American Government II	3
___ ---	---	Humanities: Other	3
___ BCIS	1405	Business Computer Applications ##	4
___ ---	---	<u>Natural Science ###</u>	3-4
___ EDUC	2301	<u>Introduction to Special Populations</u>	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

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

Associate of Arts in Teaching Early Childhood 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 daycare workers or substitute teachers.

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	3
___ ----	----	Natural Science	4
___ MATH	1414	College Algebra	4
___ EDUC	1301	<u>Introduction to the Teaching Profession</u>	3
			17

● 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 and underline type.
 ♦ Students completing a high school Tech Prep program may receive credit for indicated courses.

SECOND SEMESTER

___ 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

___ 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

___ 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.

See a counselor for specific courses.

Grades 8-12 Certification Areas

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

EC-Grade 12 Certification Areas

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

FIRST SEMESTER

___ ENGL 1301	English Composition I	SCH 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

___ 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

___ 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

___ 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.



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			SCH
—	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			SCH
—	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			SCH
—	● 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, 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			SCH
—	ELPT 1420	Fundamentals of Electricity II	4
—	ELPT 1455	Electronic Applications	4
—	ELPT 2405	Motors and Transformers	4
			12

THIRD SEMESTER			SCH
—	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 and 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
			16/15
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 and 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	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 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	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	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

● 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 and underline 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
—	CPMT ----	Elective *	4
—	ITSC 1309	Integrated Software Applications I	3
—	TECM 1341	Technical Algebra	3
			17
SECOND SEMESTER			
—	INTC 1441	Principles of Automatic Control	4
—	CPMT ----	Elective *	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
—	BMGT 1307	High Performance Work Teams	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 CPMT 1407, 1411, 1445.

**Electives to be chosen from INTC 1305, 2339, PTAC 1302, INTC 1425, 2405, CPMT 2433, ELPT 1457, 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
—	TECM 1341	Technical Algebra	3
—	CPMT ----	Elective	4
			14

SECOND SEMESTER			SCH
—	CPMT ----	Elective	4
—	INTC 1441	Principles of Automatic Control	4
—	TECM 1349	Technical Math Applications	3
			11

THIRD SEMESTER			SCH
—●	INTC 2436	Distributed Control and Programmable Logic	4
—	INTC 1343	Application of Industrial Automatic Control	3
			7

Total Semester Credit Hours for Certificate **32**

CPMT Electives to be chosen from CPMT 1407, 1411, 1445, or others as approved by lead instructor.

Certificate of Completion in Instrumentation Fitter

FIRST SEMESTER			SCH
—	INTC 1305	Introduction to Electronic Instrumentation	3
—	INTC 1425	Instrument Hardware Installation I	4
			7

SECOND SEMESTER			SCH
—●	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

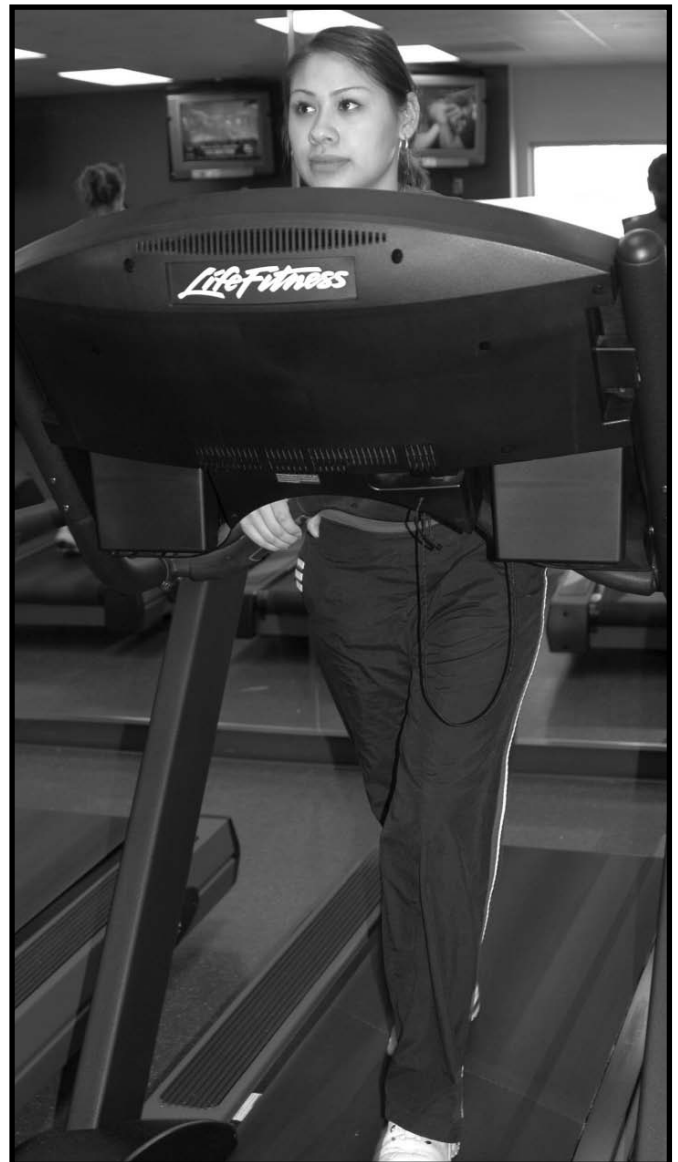
FOURTH SEMESTER

—	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 and underline type.
 ♦ Students completing a high school Tech Prep program may receive credit for indicated courses.

Liberal Arts

Associate of Arts in Liberal Arts-Honors Sequence, 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	
		<i>or</i>	
—	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 and 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	SCH
— DAAC 1311 Counseling Theories	3
— DAAC 1341 Counseling Alcohol and Other Drug Addictions3	3
— ENGL 1302 English Composition II	3
or	
— ENGL 2311 Technical Writing	3
— ---- ---- Social/Behavioral Science	3
— ITSC 1309 Integrated Software Applications I	3
	15
THIRD SEMESTER	SCH
— DAAC 1309 Assessment Skill of Alcohol and Other Drug Addictions	3
— ---- ---- Natural Science/Mathematics	4
— SPCH ---- Oral Communications	3
— DAAC 1314 Dynamics of Group Counseling	3
	13
FOURTH SEMESTER	SCH
— ---- ---- Elective*	3
— DAAC 1307 Addicted Family Intervention	3
— DAAC 2280 Cooperative Education-Substance Abuse/Addiction Counseling	2
— ---- ---- Social/Behavioral Science	3
— ---- ---- Humanities/Fine Arts	3
	14
FIFTH SEMESTER	SCH
— DAAC 1343 Current Issues	3
— DAAC 1317 Basic Counseling Skills	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	SCH
— DAAC 1317 Basic Counseling Skills	3
— DAAC 1309 Assessment Skill of Alcohol and Other Drug Addictions	3
— DAAC 1314 Dynamics of Group Counseling	3
	9
THIRD SEMESTER	SCH
— DAAC 1307 Addicted Family Intervention	3
— DAAC 1343 Current Issues	3
— DAAC 2280 Cooperative Education-Substance Abuse/Addiction Counseling	2
	8
FOURTH SEMESTER	SCH
— DAAC 1341 Counseling Alcohol and Other Drug Addictions3	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 and 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
—	MUSI	1311 <u>Music Theory I*</u>	3
—	MUSI	1116 <u>Elementary Sight Singing and Ear Training*</u>	1
—	MUSI	1181 Class Piano (or Applied Piano)	1
—	MUEN	1141 <u>Lee College Concert Choir</u>	
		<i>or</i>	
	MUEN	1152 <u>Chamber Choir</u>	
		<i>or</i>	
	MUEN	1135 <u>Jazz Ensemble</u>	
		<i>or</i>	
	MUEN	1123 <u>Baytown Symphony Orchestra</u>	
		<i>or</i>	
	MUEN	1125 <u>Concert Band</u>	1
—	MUAP	12-- <u>Applied Music</u>	2
—	ENGL	1301 <u>English Composition I</u>	3
—	HIST	1301 <u>History of the United States to 1877</u>	
		<i>or</i>	
	HIST	1302 <u>History of the United States since 1877</u>	
		<i>or</i>	
	HIST	2301 <u>History of Texas</u>	3
—	KINE	---- <u>Health, Wellness, Kinesiology</u>	1
			15

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

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

THIRD SEMESTER

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

FOURTH SEMESTER

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

* Course offered in fall semesters only

** Course offered in spring semesters only

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



● 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 and underline type.
 ♦ Students completing a high school Tech Prep program may receive credit for indicated courses.

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.

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

SECOND SEMESTER

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

THIRD SEMESTER

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

FOURTH SEMESTER

—	MUSI 2312 <u>Music Theory IV</u>	3
—	MUSI 2117 <u>Advanced Sight Singing and Ear Training II</u>	1
—	MUEN 2141 <u>Lee College Concert Choir</u>	
	<i>or</i>	
	MUEN 1153 <u>Chamber Choir</u>	
	<i>or</i>	
	MUEN 2135 <u>Jazz Ensemble</u>	
	<i>or</i>	
	MUEN 2123 <u>Baytown Symphony Orchestra</u>	
	<i>or</i>	
	MUEN 2125 <u>Concert Band</u>	1
—	MUAP 21-- <u>Applied Music</u>	1
—	GOVT 2302 <u>American Government II</u>	3
—	---- ---- <u>Natural Science</u>	4
—	---- ---- <u>Computer Literacy</u>	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	
		<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 (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	
		<i>or</i>	
	HIST 1302	History of the United States since 1877	
		<i>or</i>	
	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 (Natural Science majors should choose from Natural Science majors options above)

● 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 and underline 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 for consideration for admission. Students are responsible to make application to Lee College before applying to the nursing program. Students are responsible for furnishing official transcripts to the Admissions and Records Office. The student is required to request transcript evaluation of transfer courses, once admitted into the program. The ADN Admission Committee informs applicants of admission status. 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 (RNSG 1301, BIOL 2401, ENGL 1301, PSYC 2301)
- Science GPA of 2.5 in degree plan courses completed
- Criminal background checks. See Allied Health office for details
- Texas Department of Health and Human Services required immunizations (see Allied Health Admission)

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 degree plan
- Non-degree plan science courses completed, such as chemistry, biology, life science, pathophysiology and nutrition
- Non-degree plan academic courses such as 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 student, (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 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 request 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 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

—	◆	ITSC 1309	Integrated Software Applications I*	3
—	----	----	Humanities/Fine Arts*	3
—	ENGL	1302	English Composition II*	3
—	----	----	Oral Communications*	3
				12

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	2331	Advanced Concepts of Adult Health	3
—	●	RNSG 2121	Management of Client Care	1
—	RNSG	2362	Clinical - Nursing - Registered Nurse Training	3
—	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 by February 1 for consideration for admission. Students are responsible for furnishing official transcripts to the Admissions and Records Office. The student is required to request transcript evaluation of transfer courses, once admitted into the program. The ADN Admission Committee informs applicants of admission status. 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 in BIOL 2401, ENGL 1301, PSYC 2301.
- Science GPA of 2.5 in degree plan courses completed
- Criminal background checks. See Allied Health office for details
- Texas Department of Health and Human Services required immunizations (see Allied Health Admission)

Admission requirements are monitored continuously and may change between catalogs. Contact the Allied Health office for most recent admission 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 degree plan
- Non-degree plan science courses completed, such as chemistry, biology, life science, pathophysiology and nutrition.
- Non-degree plan academic courses such as 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 student, (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. (See further details on page 64 - ADN requirements)

Prerequisites

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

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.

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

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	2331	Advanced Concepts of Adult Health	3
—	●	RNSG 2121	Management of Client Care	1
—	RNSG	2362	Clinical - Nursing - Registered Nurse Training	3
—	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 and 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 Vocational Nurse 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,
- Degree plan from Counseling Center signed by counselor,
- Documented reading level,
- 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 reg-

istered 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 Applied Nursing Skills	4
— VNSG 1304 Foundations of Nursing	3
— VNSG 1226 Gerontology	2
— VNSG 1429 Medical-Surgical Nursing I	4
— BIOL 2404 The Human Body	4
— VNSG 1361 Clinical - Licensed Vocational Nurse (LVN) Training	1
	18
SECOND SEMESTER	
— HITT 1305 Medical Terminology	3
— VNSG 1331 Pharmacology	3
— VNSG 1227 Essentials of Medication Administration	2
— VNSG 1234 Pediatrics	2
— VNSG 1432 Medical-Surgical Nursing II	4
— VNSG 1360 Clinical - Licensed Vocational Nurse (LVN) Training	3
	17
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 2307	Law Office Management	3
—	● LGLA 2333	Advanced Legal Document Preparation	3
—	POFT 1132	Workplace Diversity	1
			17
Total Semester Credit Hours for Degree			69

+ Legal specialty elective to be chosen from LGLA 1343, 2301, 2311, 2313, 2323, 2331, 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 and 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
—	SCIT 1318	Applied Physics I	3
—	PTAC 2346	Process Troubleshooting	3
—	CHEM 1419	Introductory Organic Chemistry I	4
			17
THIRD SEMESTER			
—	ENGL ----	Written Communication	3
—	TECM 1341	Technical Algebra	3
—	PHYS ----	Natural Science*	4
—	SPCH 1315	Principles of Speaking	3
— ♦	ITSC 1309	Integrated Software Applications I	3
			16
FOURTH SEMESTER			
—	----	Social/Behavioral Science	3
—	HRPO 1311	Human Relations	3
— ●	PTAC 2438	Process Technology III - Operations	4
—	----	Humanities/Fine Arts	3
			13
Total Semester Credit Hours for Degree			63

*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
—	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
—	PTAC 2346	Process Troubleshooting	3
— ●	PTAC 2438	Process Technology III - Operations	4
—	SCIT 1318	Applied Physics 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 and 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	3
	<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	3
	<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	3
	<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	3
	<i>or</i>		
—	MATH ----	Mathematics	4
—	● POFT 2331	Administrative Systems	3
	<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	3
	<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	3
	<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



● 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 and underline type.
 ♦ Students completing a high school Tech Prep program may receive credit for indicated courses.

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

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

● 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 and underline type.
 ♦ Students completing a high school Tech Prep program may receive credit for indicated courses.

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
—	----	Social Science elective	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

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
—	SOCW 2362	Social Problems	3
—	SOCI 1306	Social Welfare as a Social Institution	3
			15
Total Semester Credit Hours for Degree			63/65

*Biology Recommended

**Humanities or Philosophy

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

● 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 and underline type.
 ♦ Students completing a high school Tech Prep program may receive credit for indicated courses.

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 <http://www.thecb.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.

Visual Arts

Visual Arts: Imaging

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.

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.

● 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 and underline type.
 ♦ Students completing a high school Tech Prep program may receive credit for indicated courses.

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

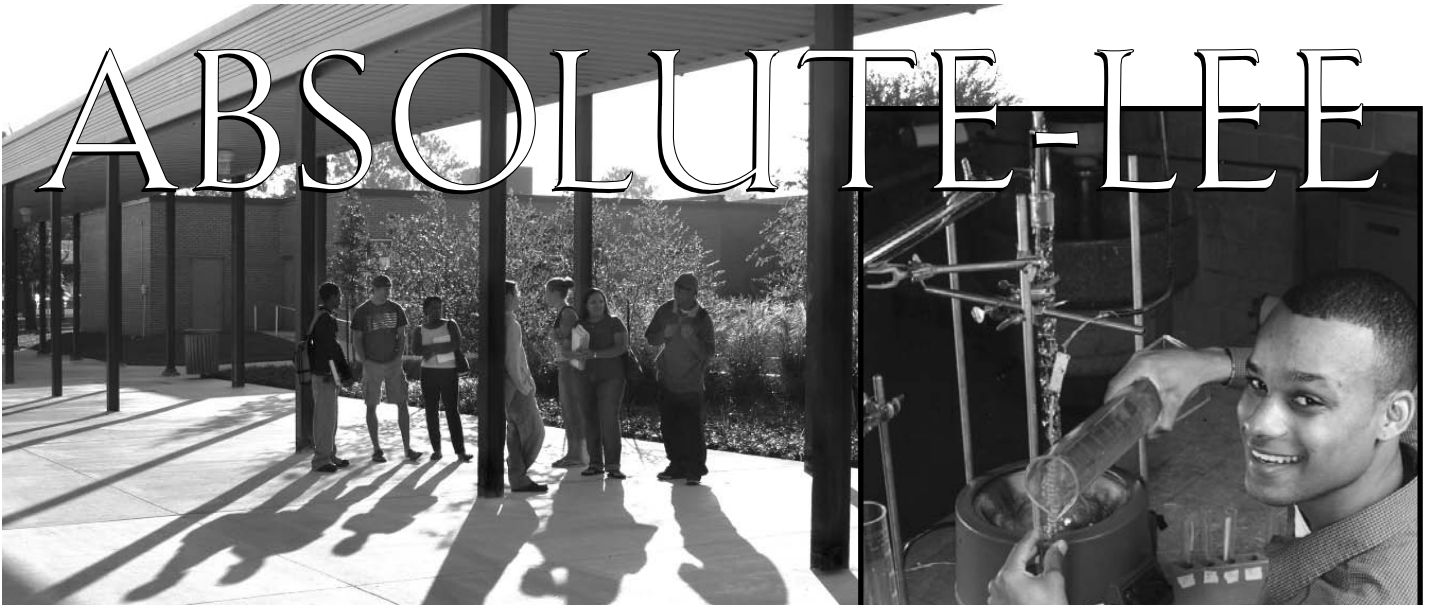
Certificate of Completion in Welding Technology

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

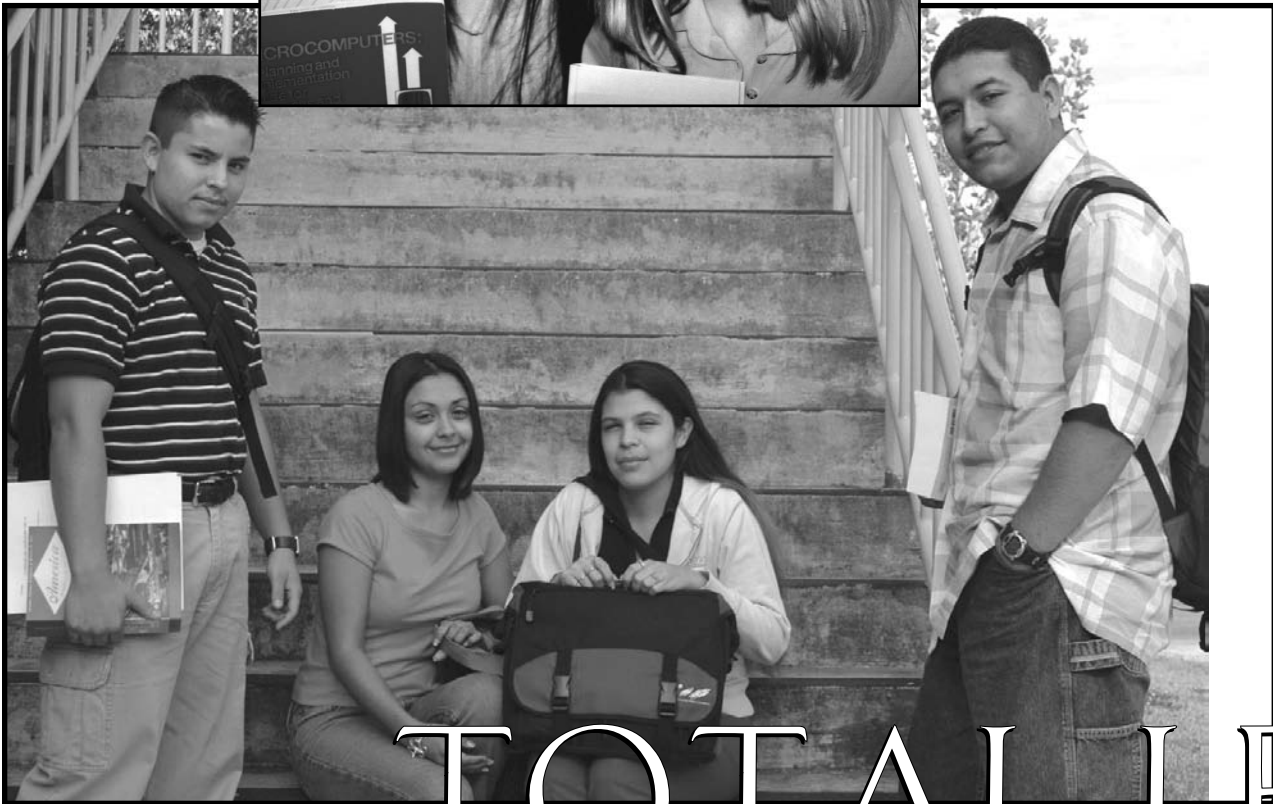
Certificate of Completion in Welding Inspection Technology

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

ABSOLUTE-LEE



POSITIVE-LEE



TOTAL-LEE