Accounting

Associate of Applied Science in Accounting Technology – TechPrep–AT2

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 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 section 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			
—	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			
—	ACNT 2303	Intermediate Accounting I	3
—	ACNT 1313	Computerized Accounting Applications	3
—	BUSI 1301	Business Principles	3
—	**SPCH 1315**	**Principles of Public Speaking**	
		or	
—	**SPCH 1321**	**Business & Professional Communication**	**3**
— - - - -	- - - -	**Natural Science/Mathematics**	**4**
			16

FOURTH SEMESTER			
—	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	
		or	
—●	ACNT 2302	Accounting Capstone	3
			18

Total Semester Credit Hours for Degree   **67**

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

Certificate of Completion in Accounting Technician–TA1

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

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

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

SECOND SEMESTER			
—	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 Technology/ Technician & Bookkeeping	
		or	
—●	ACNT 2302	Accounting Capstone	3
			19

Total Semester Credit Hours for Certificate   **36**

Certificate of Completion in Advanced Accounting Technician–AT1

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

SECOND SEMESTER			
—	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
—	BUSI 1301	Business Principles	3
			16

THIRD SEMESTER			
—	ACNT 2303	Intermediate Accounting I	3
—	ACNT 1313	Computerized Accounting Applications	3
—	ACNT 2309	Cost Accounting	3
—	BUSI 1301	Business Law	3
—●	ACNT 2387	Internship–Accounting Technology/ Technician & Bookkeeping	
		or	
—●	ACNT 2302	Accounting 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. Core and Field of Study 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–AG3

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			
— ENGL	1302	**English Composition II**	**3**
— KINE	- - - -	**Health, Wellness & Kinesiology**	**1**
— BIOL	- - - -	**Biology***	**4**
— - - - -	- - - -	**Computer Literacy**	**3/4**
— ACCT	2402	Principles of Accounting II - Managerial	4
— ECON	2302	Principles of Economics: Microeconomics	3
			18/19

THIRD SEMESTER			
— GOVT	2301	**American Government I**	
		or	
— GOVT	2302	**American Government II**	**3**
— SPCH	- - - -	**Communication: Other**	**3**
— - - - -	- - - -	**Humanities: Other**	**3**
— HIST	- - - -	**Social/Behavioral Science: History**	**3**
— AGRI	- - - -	Elective++	3
			15

FOURTH SEMESTER			
— GOVT	2301	**American Government I**	
		or	
— GOVT	2302	**American Government II**	**3**
— HIST	- - - -	**Social/Behavioral Science: History**	**3**
— MATH	1414	**College Algebra****	**4**
— - - - -	- - - -	**Humanities: Visual/Performing Arts**	**3**
— CHEM	1411	General Chemistry I	4
			17

Total Semester Credit Hours for Degree   **64/65**

*   *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.*

++ *AGRI may be chosen from AGRI 2317 or 1319.*

Architecture

Associate of Arts in Architecture–AR4

This curriculum is offered for students who are studying for a four-year 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
— ARCH	1307	Architectural Graphics I	3
— **ARCH**	**1311**	**Introduction to Architecture**	**3**
— ARCH	2301	Architectural Freehand Drawing I	3
— **ENGL**	**1301**	**English Composition I**	**3**
— **- - - -**	**- - - -**	**Social/Behavioral Science: Other**	**3**
— **GOVT**	**2301**	**American Government I**	**3**
			18

SECOND SEMESTER			
— ARCH	1315	Architectural Computer Graphics	3
— ARCH	2302	Architectural Freehand Drawing II	3
— **MATH**	**1414**	**College Algebra or Higher***	**4**
— **SPCH**	**1315**	**Principles of Public Speaking**	**3**
— **HIST**	**- - - -**	**Social/Behavioral Science: History**	**3**
			16

THIRD SEMESTER			
— ARCH	1303	Architectural Design I	3
— **PHYS**	**1401**	**College Physics I**	**4**
— **ENGL**	**1302**	**English Composition II**	**3**
— **HIST**	**- - - -**	**Social/Behavioral Science: History**	**3**
— **- - - -**	**- - - -**	**Humanities-Other**	**3**
			16

FOURTH SEMESTER			
— ARCH	1304	Architectural Design II	3
— **- - - -**	**- - - -**	**Computer Literacy**	**3/4**
— **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. Core and Field of Study courses are shown in bold and underline type.**

✦ Students completing a high school Tech Prep Program may receive credit for indicated courses.

Automotive Technology

These programs offer a Certificate Program that will give students the opportunity to learn entry-level skills in the automotive field. With classes held in the Stuart Career Center of Goose Creek Consolidated ISD, the program is designed for both high school dual enrollment students and the community. Due to the nature of the classes, students may need permission to enroll. For more information, contact the instructional deans or Vice President of Learning at 281-425-6445 or the Counseling Center at 281-425-6384.

Certificate of Completion in Auto Body Repair Technician–ABR1

FIRST SEMESTER			SCH
— ABDR	1455	Minor Metal Repair	4
— ABDR	1458	Intermediate Refinishing	4
			8

SECOND SEMESTER			
— ABDR	1441	Structural Analysis & Damage Repair I	4
— ABDR	1442	Structural Analysis & Damage Repair II	4
			8

THIRD SEMESTER			
—●ABDR	2488	Internship - Auto Body/Collision & Repair	4
			4

Total Semester Credit Hours for Certificate   **20**

Business Administration and Management

Associate of Science in Business Administration–B3

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.

FIRST SEMESTER

				SCH
—	**ENGL**	**1301**	**English Composition I**	**3**
—	**COSC**	**1301**	**Microcomputer Applications**	**3**
—	BUSI	1301	Business Principles	3
—	- - - -	- - - -	**Health, Wellness, & Kinesiology**	**1**
—	**MATH**	**1324**	**Finite Math with Business Applications**	**3**
—	- - - -	- - - -	**Humanities: Visual/Performing Arts**	**3**
				16

SECOND SEMESTER

—	**ENGL**	**1302**	**English Composition II**	**3**
—	BUSI	2301	Business Law	3
—	- - - -	- - - -	**Natural Science**	**4**
—	**SPCH**	**1321**	**Business & Professional Communication**	**3**
—	MATH	1425	Calculus with Business Applications	4
				17

THIRD SEMESTER

—	ACCT	2401	Principles of Accounting - Financial	4
—	**ECON**	**2301**	**Principles of Economics: Macroeconomics**	**3**
—	**GOVT**	**2301**	**American Government I**	**3**
—	**HIST**	**1301**	**History of the United States to 1877**	**3**
—	- - - -	- - - -	**Humanities: Other**	**3**
				16

FOURTH SEMESTER

—	ACCT	2402	Principles of Accounting II - Managerial	4
—	ECON	2302	Principles of Economics-Microeconomics	3
—	**GOVT**	**2302**	**American Government II**	**3**
—	- - - -	- - - -	**Natural Science**	**4**
__	**HIST**	**1302**	**History of the United States Since 1877**	**3**
				17

Total Semester Credit Hours for Degree   **66**

Associate of Applied Science in Management – Tech Prep–MN2

FIRST SEMESTER

				SCH
—	BMGT	1301	Supervision	3
—	**ENGL**	**1301**	**English Composition I**	**3**
—	**COSC**	**1301**	**Microcomputer Applications** or	
—	**BCIS**	**1405**	**Business Computer Applications**	**3/4**
—	HRPO	1311	Human Relations	3
—	BMGT	1341	Business Ethics	3
				15/16

SECOND SEMESTER

—	**SPCH**	**1321**	**Business & Professional Communication**	**3**
—	BUSI	1301	Business Principles	3
—	ACNT	1303	Introduction to Accounting I or	
—	ACCT	2401	Principles of Accounting I - Financial	3/4
—	HRPO	2301	Human Resource Management	3
—✦	MRKG	1311	Principles of Marketing	3
				15/16

THIRD SEMESTER

—	BMGT	1331	Production & Operations Management	3
—	BMGT	1325	Office Management	3
—	- - - -	- - - -	**Social/Behavioral Science**	**3**
—	ENGL	2311	Technical Writing	3
—	IBUS	1305	Introduction to International Business	3
—	BMGT	1307	High Performance Work Teams	3
				18

FOURTH SEMESTER

—	BUSI	2301	Business Law	3
—	- - - -	- - - -	**Natural Science/Mathematics**	**4**
—	BUSG	2309	Small Business Management	3
—	- - - -	- - - -	**Humanities/Fine Arts**	**3**
—●	BMGT	1327	Principles of Management	3
				16

Total Semester Credit Hours for Degree   **64/66**

●   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. Core and Field of Study courses are shown in bold and underline type.**

✦   Students completing a high school Tech Prep Program may receive credit for indicated courses.

Certificate of Completion in Business–BU1

FIRST SEMESTER			SCH
— ●BUSI	1301	Business Principles	3
— BMGT	1327	Principles of Management	3
— BUSI	2301	Business Law	3
— MRKG	1311	Principles of Marketing	3
— BMGT	1331	Production & Operations Management	3
			15

Total Semester Credit Hours for Certificate **15**

Certificate of Completion in International Business–IB1

FIRST SEMESTER			SCH
— BUSI	1301	Business Principles	3
— BMGT	1327	Principles of Management	3
— MRKG	1311	Principles of Marketing	3
—● IBUS	1305	Introduction to International Business & Trade	3
— - - - -	- - - -	Social/Behavioral Science	3
			15

Total Semester Credit Hours for Certificate **15**

Certificate of Completion in Management–MN1

FIRST SEMESTER			SCH
— BMGT	1301	Supervision	3
— ●BMGT	1327	Principles of Management	3
— BMGT	1307	High Performance Work Teams	3
— HRPO	2301	Human Resource Management	3
— HRPO	1311	Human Relations	3
			15
SECOND SEMESTER			
— BMGT	1325	Office Management	3
— BMGT	1331	Production & Operations Management	3
— BUSG	2309	Small Business Management	3
— ACNT	1303	Introduction to Accounting I or	
— ACCT	2401	Principles of Accounting I - Financial	3
			12

Total Semester Credit Hours for Certificate **27**

Certificate of Completion in Entrepreneurship–BE1

The Certificate of Entrepreneurship 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 fewer 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
— ACNT	1303	Introduction to Accounting I or	
— ACCT	2401	Principles of Accounting I - Financial	3/4
— BUSI	1301	Business Principles	3
— MRKG	1311	Principles of Marketing	3
			12/13
SECOND SEMESTER			
— BUSI	2301	Business Law	3
— IMED	2309	Internet Commerce	3
— IBUS	1305	Introduction to International Business	3
—●BUSG	2309	Small Business Management	3
			12

Total Semester Credit Hours for Certificate **24/25**

Certificate of Completion in Supervision–SU1

FIRST SEMESTER			SCH
—● BMGT	1301	Supervision	3
— MRKG	1311	Principles of Marketing	3
— BMGT	1307	High Performance Work Teams	3
			9
SECOND SEMESTER			
— HRPO	2301	Human Resource Management	3
— BMGT	1331	Production & Operations Management or	
— BMGT	1325	Office Management	3
			6

Total Semester Credit Hours for Certificate **15**

Certificate of Completion in Marketing–MK1

FIRST SEMESTER			SCH
—● MRKG	1311	Principles of Marketing	3
— BUSI	1301	Business Principles	3
— GISC	1311	Introduction to GIS	3
			9
SECOND SEMESTER			
— IMED	2309	Internet Commerce	3
— BUSI	2301	Business Law	3
— IBUS	1305	Introduction to International Business	3
			9

Total Semester Credit Hours for Certificate **18**

Career Pilot Technology

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

Certificate of Completion in Career Pilot–CP1

FIRST SEMESTER			SCH
— AIRP	1215	Private Flight	2
— AIRP	1345	Aviation Safety	3
— AIRP	1317	Private Pilot Ground School	3
			8

SECOND SEMESTER			
—● AIRP	1255	Intermediate Flight	2
— AIRP	1343	Aerodynamics	3
— AIRP	1301	Air Navigation	3
			8

| **Total Semester Credit Hours for Certificate** | | | **16** |

Certificate of Completion in Instrument Pilot–PI1

FIRST SEMESTER			SCH
— AIRP	1255	Intermediate Flight	2
— AIRP	1351	Instrument Ground School	3
— AIRP	1307	Aviation Meteorology	3
			8

SECOND SEMESTER			
—● AIRP	2250	Instrument Flight	2
— AIRP	1341	Advanced Air Navigation	3
— AIRP	2331	Advanced Meteorology	3
			8

| **Total Semester Credit Hours for Certificate** | | | **16** |

Certificate of Completion in Commercial Pilot–PC1

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** |

● 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. Core and Field of Study courses are shown in bold and underline type.**

✦ Students completing a high school Tech Prep Program may receive credit for indicated courses.

Communications

Associate of Applied Science in Audio Engineering Technology–AET2

FIRST SEMESTER

			SCH
—	MUSC 1427	Audio Engineering I	4
—	**MUSC 1331**	**MIDI I***	**3**
—	MUSB 1305	Survey of Music Business	3
—	MUSI 1301	Music Fundamentals	
		or	
—	MUSI 1311	Music Theory I	3
—	MUSI 1181	Class Piano I	1
—	**ENGL 1301**	**English Composition I**	**3**
			17

SECOND SEMESTER

—	MUSC 1323	Audio Electronics	3
—	MUSC 2427	Audio Engineering II	4
—	MUSC 2355	MIDI II	3
—	**MUSI 1306**	**Music Appreciation**	
		or	
—	**MUSI 1310**	**Contemporary American Music**	**3**
—	**SPCH - - - -**	**Oral Communications**	**3**
			16

THIRD SEMESTER

—	MUSC 2447	Audio Engineering III	4
—	RTVB 1321	TV Field Production	3
—	MUSC 1335	Commercial Music Software	3
—	MUAP - - - -	Applied Music Elective	1
—	**- - - - - - - -**	**Social Behavioral Science**	**3**
—	**MATH 1332**	**Contemporary Math I**	
		or	
—	**MATH 1414**	**College Algebra**	**3/4**
			17/18

FOURTH SEMESTER

—	MUAP - - - -	Applied Music Elective	1
—	MUSC 2448	Audio Engineering IV	4
—	MUSB 2350	Commercial Music Project	3
—	●MUSC 2386	Internship-Recording Arts Technology/Technician	3
—	MUSC 1396	Special Topics in Recording Arts Technology	
		or	
—	MUSC - - - -	Elective	3/4
			14/15

Total Semester Credit Hours for Degree   **64/66**

MUSC 1331 will satisfy the Computer Literacy core.

Associate of Science in Communications Audio Recording–CM3

Student 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 - - - -**	**Social/Behavioral Science- History**	**3**
—	**KINE - - - -**	**Health, Wellness, & Kinesiology**	**1**
—	**COSC 1301**	**Microcomputer Applications**	**3**
—	MUAP - - - -	Elective***	1
—	COMM 2303	Beginning Audio Recording Techniques	3
—	MUSI 1301	Fundamentals of Music	3
		or	
—	MUSI 1311	Music Theory I	3
			17

SECOND SEMESTER

—	**ENGL 1302**	**English Composition II**	**3**
—	**HIST - - - -**	**Social/Behavioral Science: History**	**3**
—	**- - - - - - - -**	**Humanities: Visual/Performing Arts***	**3**
—	**- - - - - - - -**	**Social/Behavioral Science: Other****	**3**
—	**- - - - - - - -**	**Mathematics ###**	**3**
—	COMM 2324	Intermediate Recording Techniques	3
			18

THIRD SEMESTER

—	**GOVT 2301**	**American Government I**	**3**
—	**- - - - - - - -**	**Natural Science ##**	**4**
—	**- - - - - - - -**	**Communication-Other**	**3**
—	MUAP - - - -	Elective	1
—	COMM 2325	Electronic Music I Editing Hard Disk	3
—	COMM 2326	Electronic Music II MIDI Interface	3
			17

FOURTH SEMESTER

—	**GOVT 2302**	**American Government II**	**3**
—	**- - - - - - - -**	**Natural Science ##**	**4**
—	COMM 2220	Advanced Recording & Production Techniques	2
—	COMM 2289A	Audio Recording Cooperative	2
—	**- - - - - - - -**	**Humanities: Other^**	**3**
			14

Total Semester Credit Hours for Degree   **66**

*	*MUSI 1306 or 1310 preferred.*
	Economics courses preferred.
^	*Philosophy preferred.*
***	*Check with transfer university.*
##	*General Physics 1405, 1407, or check with transfer university.*
	(College Physics 1401 and 1402 require MATH 1414 or equivalent).
###	*Math to be chosen from MATH 1316, 1324, and 1332.*

Certificate of Completion in Audio Engineering Technology–AET1

FIRST SEMESTER			SCH
— MUSC	1427	Audio Engineering I	4
— MUSC	1331	MIDI I	3
— MUSB	1305	Survey of Music Business	3
— MUSI	1301	Music Fundamentals or	
— MUSI	1311	Music Theory I	3
— MUSI	1181	Class Piano I	1
			14

SECOND SEMESTER			
— MUSC	2427	Audio Engineering II	4
— MUSC	2355	MIDI II	3
— MUSC	1335	Commercial Music Software	3
— MUSI	1306	Music Appreciation or	
— MUSI	1310	Contemporary American Music	3
			13

THIRD SEMESTER			
— MUSC	2447	Audio Engineering III	4
— MUSC	1323	Audio Electronics	3
— RTVB	1321	Introduction to Video Production	3
— MUSC	1396	Special Topics in Recording Arts Technology/Technician	3/4
			13/14

FOURTH SEMESTER			
— MUSC	2448	Audio Engineering IV	4
— MUSB	2350	Commercial Music Project	3
—●MUSC	2286	Internship-Recording Arts Technology/Technician	3
— MUAP	- - - -	Applied Music	1
			11

Total Semester Credit Hours for Certificate   **51/52**

Certificate of Completion in Music Studio Production–MSP1

FIRST SEMESTER			SCH
—●MUSC	1427	Audio Engineering I	4
— MUSC	1331	MIDI I	3
— MUSB	1305	Survey of Music Business	3
— MUSI	1301	Music Fundamentals or	
— MUSI	1311	Music Theory I	3
— MUSI	1181	Class Piano I	1
			14

SECOND SEMESTER			
— MUSC	2427	Audio Engineering II	4
— MUSC	2355	MIDI II	3
— MUSC	1335	Commercial Music Software	3
— MUSI	1306	Music Appreciation or	
— MUSI	1310	Contemporary American Music	3
			13

Total Semester Credit Hours for Certificate   **27**

Certificate of Completion in Sound Reinforcement Technology–SRT1

The Sound Reinforcement Technology certificate prepares students for a career in the live sound industry. Students will learn the skills necessary to operate, maintain, design, and install sound systems in a variety of settings. Career opportunities include working with touring companies, concert venues, sports facilities, theaters, houses of worship, convention halls, and many other kind of venues. Students completing this program are TSI responsible.

FIRST SEMESTER			SCH
— MUSC	1427	Audio Engineering I	4
— MUSC	1405	Live Sound I	4
— MUSC	2402	Sound Systems Technician	4
— MUSB	1305	Survey of Music Business	3
			15

SECOND SEMESTER			
— MUSC	2427	Audio Engineering II	4
— MUSC	2403	Live Sound II	4
— MUSC	2459	Sound System Optimization	4
— RTVB	1321	TV Field Production	3
			15

THIRD SEMESTER			
—●MUSC	2386	Internship-Recording Arts Technology/Technician	3
— MUSC	2453	Live Sound III	4
			7

Total Semester Credit Hours for Certificate   **37**

● 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. Core and Field of Study 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–PC2

FIRST SEMESTER			SCH
—	**ITSC**	**1309**	**Integrated Software Applications I**
			or
—	**BCIS**	**1405**	**Business Computer Applications**	**3/4**
—	ARTC	1453	Computer Illustration	4
—	CPMT	1411	Introduction to Computer Maintenance	4
—	ITCC	1401	Exploration: Network Fundamentals	4
—	IMED	1316	Web Page Design I	3
				18/19

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

THIRD SEMESTER			
—	**ENGL**	**1301**	**English Composition I**	3
—	- - - -	- - - -	**Social/Behavioral Science**	3
—	ITSW	2337	Advanced Database	3
—	- - - -	- - - -	**Natural Science/Mathematics**	4
—	COSC	1436	Programming Fundamentals I	
			or	
—	ITSE	1331	Intro. to Visual BASIC Programming	3/4
				16/17

FOURTH SEMESTER			
—	- - - -	- - - -	**Oral Communications**	3
—	ITSE	1350	System Analysis & Design	3
—	ITSC	2335	Application Problem Solving	
			or	
—●	ITSC	2339	Personal Computer Help Desk	3
—	- - - -	- - - -	**Humanities/Fine Art**	3
—	- - - -	- - - -	Elective*	3/4
				15/16

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

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

Certificate of Completion in Personal Computer Support Specialist I–PCS1

FIRST SEMESTER			SCH
—	ITSC	1309	Integrated Software Applications I	
			or	
—	BCIS	1405	Business Computer Applications	3/4
—	ARTC	1453	Computer Illustration	4
—	CPMT	1411	Introduction to Computer Maintenance	4
—	ITCC	1401	Exploration: Network Fundamentals	4
—●	IMED	1316	Web Page Design I	3
				18/19

Total Semester Credit Hours for Certificate   **18/19**

Certificate of Completion in Personal Computer Support Specialists II–PCSS1

FIRST SEMESTER			SCH
—	ITSC	1309	Integrated Software Applications I	
			or	
—	BCIS	1405	Business Computer Applications	3/4
—	ARTC	1453	Computer Illustration	4
—	CPMT	1411	Introduction to Computer Maintenance	4
—	ITCC	1401	Exploration: Network Maintenance	4
—	IMED	1316	Web Page Design I	3
				18/19

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

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

●   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. Core and Field of Study courses are shown in bold and underline type.**

✦   Students completing a high school Tech Prep Program may receive credit for indicated courses.

Associate of Applied Science in E–Business Web Developer Specialist–EB2

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

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

THIRD SEMESTER
— IBUS 1305 Introduction to International
                  Business & Trade   3
— BUSG 2309 Small Business Management   3
— **ENGL** **1301** **English Composition I**   3
— - - - - - - - - **Oral Compositions**   3
— - - - - - - - - **Humanities/Fine Arts**   3
                                                         15

FOURTH SEMESTER
— IMED 1445 Interactive Multimedia I   4
— - - - - - - - - **Natural Science/Mathematics**   **4**
— - - - - - - - - **Social/Behavioral Science**   **3**
— IMED 2309 Internet Commerce   3
—●IMED 2315 Web Page Design II
                  or
—●ITSC 1364 Practicum (or Field Experience)
                  Computer and Information Sciences,
                  General   3
                                                         17
Total Semester Credit Hours for Degree   **66/67**

Certificate of Completion in E-Business Web Developer Specialist I–EBW1

FIRST SEMESTER   SCH
— ITSC 1309 Integrated Software Applications I
                                    or
— BCIS 1405 Business Computer Applications   3/4
— ITSE 1331 Introduction to Visual BASIC Programming   3
— COSC 1436 Programming Fundamentals I   4
— ARTC 1453 Computer Illustration   4
—●IMED 1316 Web Page Design I   3
                                                       17/18
Total Semester Credit Hours for Certificate   **17/18**

Certificate of Completion in E-Business Web Developer Specialist II–EB1

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

SECOND SEMESTER
— ITSC 2321 Integrated Software Applications II   3
— ARTC 2440 Computer Illustration II   4
—●ARTC 1413 Digital Publishing I   4
— ITSE 1350 System Analysis & Design   3
— MRKG 1311 Principles of Marketing   3
                                                         17
Total Semester Credit Hours for Certificate   **34/35**

● 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. Core and Field of Study courses are shown in bold and underline type.**

✦ Students completing a high school Tech Prep Program may receive credit for indicated courses.

Certificate of Completion in Digital Media I–DME1

FIRST SEMESTER			SCH
— ITSC	1309	Integrated Software Applications I	
		or	
— BCIS	1405	Business Computer Applications	3/4
— ARTC	1453	Computer Illustration	4
—●IMED	1316	Web Page Design I	3
— MRKG	1311	Principles of Marketing	3
— POFT	1127	Introduction to Keyboarding	1
— POFT	1132	Workplace Diversity	1
			15/16

Total Semester Credit Hours for Certificate   15/16

Certificate of Completion in Digital Media II–DM1

FIRST SEMESTER			SCH
— ITSC	1309	Integrated Software Applications I	
		or	
— BCIS	1405	Business Computer Applications	3/4
— ARTC	1453	Computer Illustration	4
— IMED	1316	Web Page Design I	3
— MRKG	1311	Principles of Marketing	3
— POFT	1127	Introduction to Keyboarding	1
— POFT	1132	Workplace Diversity	1
			15/16

SECOND SEMESTER			
—●ITSC	2321	Integrated Software Applications II	3
— ARTC	2440	Computer Illustration II	4
— IMED	1445	Interactive Multimedia I	4
— ARTC	1413	Digital Publishing I	4
— IMED	2311	Portfolio Development	3
			18

Total Semester Credit Hours for Certificate   33/34

Associate of Applied Science in Digital Forensics Technician–FT2

This program is designed to provide a balanced, fundamental application-oriented education focused on the knowledge of existing and new developments in Digital Forensics. Students will acquire knowledge of the basic digital security and forensics concepts, legal procedures, tools, programming, and tool set skills required to retrieve, collect and analyze digital data. Students will be required to develop necessary teamwork skills to fulfill the capstone requirement. Graduates will attain the following skills: ability to identify, collect, preserve, analyze, and report analysis results of digital forensics evidence. Graduates must also possess extensive analytical skills, strong organizational skills, and excellent written, oral, and presentation skills. Graduates must demonstrate good ethical behavior, judgement, and the ability to adapt to a broad range of digital technologies.

With additional training and experience, individuals increase their potential for advancement. The skills with this degree can lead not only to jobs in the digital forensics industry, but after work experience and completion of a 4-year degree in computer science, or digital forensics, students could qualify for other crossover careers including such career opportunities as: Network and Computer Systems Administrators, Computer Support Specialists, Computer Programmer, Computer Systems Analyst, and/or Software Engineer.

FIRST SEMESTER			SCH
— **COSC**	**1301**	**Microcomputer Applications**	**3**
— CRIJ	1301	Introduction to Criminal Justice	3
— CRIJ	1306	Court Systems & Practices	3
— CRIJ	1310	Fundamentals of Criminal Law	3
— CPMT	1449	Computer Networking Technology	4
— ITDF	1300	Introduction to Digital Forensics	3
			19

SECOND SEMESTER			
— ITDF	1305	Fundamentals of Digital Data Storage	3
— ITSC	1316	Linux Installation & Configuration	3
— ITSY	2301	Firewalls & Network Security	3
— CRIJ	2314	Criminal Investigation	3
— CRIJ	2323	Legal Aspects of Law Enforcement	3
— - - - -	- - - -	**Oral Communications**	**3**
			18

THIRD SEMESTER			
— COSC	1436	Programming Fundamentals I	4
— ITDF	2320	Digital Forensics Collection	3
— ITDF	2325	Digital Forensics Tools	3
— ITSY	2343	Computer System Forensics	3
— **ENGL**	**1301**	**English Composition I**	**3**
			16

FOURTH SEMESTER			
— ITSY	2330	Intrusion Detection	3
—●ITDF	2335	Comprehensive Digital Forensics Project	3
— **MATH**	**1414**	**College Algebra**	**4**
— - - - -	- - - -	**Social/Behavioral Science**	**3**
— - - - -	- - - -	**Humanities: Fine Art**	**3**
			16

Total Semester Credit Hours for Degree   69

● 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. Core and Field of Study 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–MT2

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
— CETT	1325	Digital Fundamentals	3
— CPMT	1449	Computer Networking Technology	4
—✦**ITSC**	**1309**	**Integrated Software Applications I**	**3**
—✦CPMT	1411	Introduction to Computer Maintenance	4
— TECM	1341	Technical Algebra	3
			17

SECOND SEMESTER			
— CPMT	2445	Computer System Troubleshooting	4
— TECM	1349	Technical Math Applications	3
— ITCC	1401	Exploration: Network Fundamentals	4
— - - - -	- - - -	Elective*	3
— - - - -	- - - -	**Humanities/Fine Arts**	**3**
			17

THIRD SEMESTER			
— ITCC	1404	Cisco 2: Routing Protocols & Concepts	4
— **ENGL**	**1301**	**English Composition I**	**3**
		or	
— **BUSI**	**1304**	**Business Report Writing & Correspondence**	**3**
— - - - -	- - - -	**Social/Behavioral Science**	**3**
— - - - -	- - - -	Elective*	3
			16

FOURTH SEMESTER			
— - - - -	- - - -	**Natural Science**	**4**
—●CPMT	- - - -	Capstone Course**	4
— - - - -	- - - -	Elective*	4
			12

Total Semester Credit Hours for Degree   **62**

*   *Electives should be chosen from ITCC or other IT courses for network maintenance and/or web page concentration.*

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

Certificate of Completion in Computer Maintenance Technology–MT1

FIRST SEMESTER			SCH
— CETT	1325	Digital Fundamentals	3
— TECM	1341	Technical Algebra	3
— CPMT	1449	Computer Networking Technology	4
— CPMT	1411	Introduction to Computer Maintenance	4
			14

SECOND SEMESTER			
— CPMT	2445	Computer System Troubleshooting	4
— TECM	1349	Technical Math Applications	3
— ITCC	1401	Exploration: Network Fundamentals	4
—●CPMT	- - - -	Capstone Experience*	4
			15

Total Semester Credit Hours for Certificate   **29**

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

Certificate of Completion in Network Maintenance Technology–NET1

FIRST SEMESTER			SCH
— ITCC	1401	Exploration: Network Fundamentals	4
— CPMT	1411	Introduction to Computer Maintenance	4
			8

SECOND SEMESTER			
— CPMT	1449	Computer Networking Technology	4
— ITCC	1404	Cisco Exploration 2: Routing Protocols & Concepts	4
—CPMT	2445	Computer System Troubleshooting	4
			12

THIRD SEMESTER			
—●CPMT	2449	Advanced Computer Networking Technology*	4
— ITCC	2408	Cisco Exploration 3: LAN Switching & Wireless	4
— ITCC	2410	Cisco Exploration 4: Accessing the WAN	4
			12

Total Semester Credit Hours for Certificate   **32**

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

Computer Programming
Computer Science

Associate of Science in Computer Science – Field of Study–CS3

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 or 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
— COSC	1436	Programming Fundamentals I	4
— HIST	- - - -	**Social/Behavioral Science: History**	3
— - - - -	- - - -	**Humanities: Visual/Performing Arts**	3
			16

SECOND SEMESTER			
— HIST	- - - -	**Social/Behavioral Science: History**	3
— COSC	1437	Programming Fundamentals II	4
— ENGL	1302	**English Composition II**	3
— - - - -	- - - -	**Communication: Other**	3
— MATH	2413	**Calculus I with Analytic Geometry**	4
			17

THIRD SEMESTER			
— - - - -	- - - -	**Humanities: Other**	3
— GOVT	2301	**American Government I**	3
— COSC	2325	Computer Organization & Machine Language	3
— MATH	2414	Calculus II with Analytic Geometry	4
— PHYS	2425	**Mechanics & Heat**	4
			17

FOURTH SEMESTER			
— GOVT	2302	**American Government II**	3
— COSC	2436	Programming Fundamentals III	4
— KINE	- - - -	**Health, Wellness & Kinesiology**	1
— PHYS	2426	**Electricity, Optics & Waves**	4
— - - - -	- - - -	**Social/Behavioral Science: Other**	3
			15

| **Total Semester Credit Hours for Degree** | | | **65** |

Construction Engineering Technology

Associate of Applied Science in Construction Engineering Technology/Technician–CET2

The Construction Engineering Technology Program objective is to provide students with knowledge and skills that are valued and sought by the construction industry profession. Graduates must have knowledge of construction materials and methods, structural systems, and surveying, be capable of interpreting codes, plans, and specifications, and have skills for planning, estimating, scheduling, and evaluating project performance. The curriculum provides fundamentals and specialized coursework that incorporates current standards and technology for managing and providing quality construction. The Construction Engineering Technology Program prepares graduates for entry-level employment, and provides them with a foundation for transfer to university and continued life-long education.

FIRST SEMESTER			SCH
— DFTG	1405	Technical Drafting	4
— CNBT	1311	Construction Methods & Materials I	3
— CNBT	1442	Building Codes & Inspections	4
— - - - -	- - - -	**Computer Literacy**	**3/4**
— TECM	1349	Technical Math Application	3
			17/18

SECOND SEMESTER			
— CNBT	- - - -	CNBT Elective*	3/4
— DFTG	1409	Basic Computer Aided Drafting	4
— - - - -	- - - -	**Social & Behavioral Science**	**3**
— **ENGL**	**1301**	**English Composition I**	**3**
— - - - -	- - - -	**Humanities/Fine Arts**	**3**
			16/17

THIRD SEMESTER			
— CNBT	- - - -	CNBT Elective*	3/4
— CNBT	- - - -	CNBT Elective*	3/4
— POFT	1132	Workplace Diversity	1
— POFT	2312	Business Correspondence & Communication	3
— KINE	- - - -	Kinesiology or	
— ENTC	1191	Special Topics in Engineering Technology/General	1
— - - - -	- - - -	Elective Outside Major	3/4
			14/17

FOURTH SEMESTER			
— - - - -	- - - -	CNBT Elective* or	
— - - - -	- - - -	SRVY Elective**	3/4
—●CNBT	1491	Special Topics in Construction/ Building Technology/Technician or	
—●CNBT	2467	Practicum (or Field Experience): Construction Engineering Technology/Technician	4
— - - - -	- - - -	**Natural Science**	**4**
— **SPCH**	- - - -	**Oral Communication**	**3**
			14/15
Total Semester Credit Hours for Degree			**61/67**

* *CNBT Electives: CNBT 1300, 1316, 2317, 2310, 2437, 2442, 2444.*
** *SRVY Elective: SRVY 1413.*

Certificate of Completion in Construction and Building Technology–CBT1

FIRST SEMESTER			SCH
— KINE	- - - -	Kinesiology or	
— ENTC	1191	Special Topics in Engineering Technology/General	1
— CNBT	1311	Construction Methods & Materials I	3
—●CNBT	1442	Building Codes & Inspections	4
— POFT	1132	Workplace Diversity	1
— CNBT	- - - -	CNBT Elective*	3/4
— DFTG	1405	Technical Drafting	4
			16/17
Total Semester Credit Hours for Certificate			**16/17**

* *CNBT Electives: CNBT 1300, 1316, 2317, 2310, 2437, 2442, 2444.*

Certificate of Completion in Construction Management Technology–CMT1

FIRST SEMESTER			SCH
— KINE	- - - -	Kinesiology or	
— ENTC	1191	Special Topics in Engineering Technology/General	1
— CNBT	1311	Construction Methods & Materials I	3
— CNBT	1442	Building Codes & Inspections	4
— POFT	1132	Workplace Diversity	1
— CNBT	- - - -	CNBT Elective*	3/4
— DFTG	1405	Technical Drafting	4
			16/17

SECOND SEMESTER			
— CNBT	- - - -	CNBT Elective*	3/4
— CNBT	- - - -	CNBT Elective*	3/4
— CNBT	- - - -	CNBT Elective* or	
— SRVY	- - - -	SRVY Elective** or	
— DFTG	1409	Basic Computer Aided Drafting	3/4
—●CNBT	1491	Special Topics in Construction/ Building/Technician or	
—●CNBT	2467	Practicum (or Field Experience): Construction Engineering Technology/Technician	4
— TECM	1349	Technical Math Application	3
			16/19
Total Semester Credit Hours for Certificate			**32/36**

* *CNBT Electives: CNBT 1300, 1316, 2317, 2310, 2437, 2442, 2444.*
**SRVY Elective: SRVY 1413.*

Cosmetology

Associate of Applied Science in Cosmetology Instructor–CI2

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

FIRST SEMESTER			SCH
— CSME	1435	Orientation to the Instruction of Cosmetology	4
— CSME	1434	Cosmetology Instructor I	4
— **ENGL**	**1301**	**English Composition I**	**3**
— **ITSC**	**1309**	**Integrated Software Applications I**	**3**
— - - - -	- - - -	Elective	3
			17

SECOND SEMESTER			
— CSME	2414	Cosmetology Instructor II	4
— CSME	2415	Cosmetology Instructor III	4
— ENGL	1302	English Composition II or	
— ENGL	2311	Technical Writing	3
— **SPCH**	**1315**	**Principles of Public Speaking**	**3**
— BMGT	1301	Supervision	3
			17

THIRD SEMESTER			
— CSME	2444	Cosmetology Instructor IV	4
— BMGT	1307	High Performance Work Teams	3
— **- - - -**	**- - - -**	**Natural Science/Mathematics**	**4**
— **HUMA**	**1301**	**Introduction to the Humanities I** or	
— **PHIL**	**1301**	**Introduction to Philosophy**	**3**
			14

FOURTH SEMESTER			
—●CSME	2445	Instructional Theory & 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 in Cosmetology–CO1

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

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

To be eligible for licensing by the Texas Department of Licensing and Regulation, the students must have completed the following courses of study and must show satisfactory completion of the State Administered Examination.

FIRST SEMESTER			SCH
— CSME	1505	Fundamentals of Cosmetology	5
— CSME	1410	Introduction to Haircutting & Related Theory	4
— CSME	1453	Chemical Reformation & Related Theory	4
— CSME	1248	Principles of Skin Care	2
			15

SECOND SEMESTER			
— CSME	2401	The Principles of Hair Coloring & Related Theory	4
— CSME	1551	Artistry of Hair, Theory & Practice	5
— CSME	1244	Introduction to Salon Development	2
— CSME	2344	Preparation for the State Licensing Written Examination	3
			14

THIRD SEMESTER			
— CSME	2337	Advanced Cosmetology Techniques	3
—●CSME	2245	Preparation for the State Licensing Practical Examination	2
— CSME	2539	Advanced Hair Design	5
— CSME	2343	Salon Development	3
			13

Total Semester Credit Hours for Certificate   **42**

Certificate of Completion as Cosmetology Student Instructor–SI1

To earn this certificate, students must have a GED or high school diploma, a valid TDLR Cosmetologist License, and successfully complete courses contained in a block 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 & Clinic Operation	4
			8
Total Semester Credit Hours for Certificate			**24**

Certificate of Completion in Nail Design–ND1

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

FIRST SEMESTER			SCH
— CSME	1330	Orientation to Nail Technology	3
— CSME	1431	Principles of Nail Technology I	4
			7

SECOND SEMESTER			
—●CSME	1441	Principles of Nail Technology II	4
— CSME	2530	Nail Enhancement	5
			9
Total Semester Credit Hours for Certificate			**16**

Criminal Justice and Corrections

Associate of Science in Criminal Justice – Field of Study–CJ3

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**	- - - -	**Social/Behavioral Science: History**	3
—	- - - -	- - - -	**Humanities: Visual/Performing Arts**	3
—	**KINE**	- - - -	**Health, Wellness, & Kinesiology**	1/3
—✦	CRIJ	1301	Introduction to Criminal Justice	3
—	**COSC**	**1301**	**Microcomputer Applications**	3
				16/18

SECOND SEMESTER
—	**ENGL**	**1302**	**English Composition II**	3
—	**HIST**	- - - -	**Social/Behavioral Science: History**	3
—	- - - -	- - - -	**Social/Behavioral Science: Other**	3
—	- - - -	- - - -	**Humanities: Other**	3
—	CRIJ	1306	Court Systems & Practices	3
				15

THIRD SEMESTER
—	**GOVT**	**2301**	**American Government I** or	
—	**GOVT**	**2302**	**American Government II**	3
—	**SPCH**	**1315**	**Principles of Public Speaking** or	
—	**SPCH**	**1318**	**Interpersonal Communication**	3
—	- - - -	- - - -	**Natural Science**	4
—	CRIJ	1310	Fundamentals of Criminal Law	3
—	CRIJ	2328	Police Systems & Practices	3
				16

FOURTH SEMESTER
—	**GOVT**	**2301**	**American Government I** or	
—	**GOVT**	**2302**	**American Government II**	3
—	**MATH**	**1414**	**College Algebra** or	
—	**MATH**	**1332**	**Contemporary Mathematics I**	3/4
—	- - - -	- - - -	**Natural Science**	4
—	CRIJ	2313	Correctional Systems & Practices	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–LE2

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
—	- - - -	- - - -	**Written Communication**	3
—	**PSYC**	**2301**	**Introduction to Psychology**	3
—✦	CRIJ	1301	Introduction to Criminal Justice	3
—✦	CRIJ	2328	Police Systems & Practices	3
—✦	**ITSC**	**1309**	**Integrated Software Applications I** or	
—	**COSC**	**1301**	**Microcomputer Applications**	3
				15

SECOND SEMESTER
—	- - - -	- - - -	Written Communication	3
—	CRIJ	1306	Court Systems & Practices	3
—	- - - -	- - - -	**Humanities/Fine Arts**	3
—	SOCI	1301	Introduction to Sociology	3
—	- - - -	- - - -	Elective	3
				15

THIRD SEMESTER
—	**SPCH**	**1315**	**Principles of Public Speaking** or	
—	**SPCH**	**1318**	**Interpersonal Communication**	3
—	CRIJ	1310	Fundamentals of Criminal Law	3
—	CRIJ	2313	Correctional Systems & Practices	3
—	CRIJ	- - - -	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
—	CRIJ	- - - -	Criminal Justice Elective*	3
—	SOCI	1306	Social Problems	3
				16

Total Semester Credit Hours for Degree 61

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

Certificate of Completion in
Law Enforcement–LE1

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 or	
—	COSC	1301	Microcomputer Applications	3
—	CRIJ	2313	Correctional Systems & Practices	3
				5

SECOND SEMESTER				
—	CRIJ	1306	Court Systems & Practices	3
—	CRIJ	2314	Criminal Investigation	3
—	CRIJ	- - - -	Criminal Justice Elective*	3
—	PSYC	2301	Introduction to Psychology	3
				12

THIRD SEMESTER				
—●	CRIJ	2328	Police Systems & Practices	3
—	SOCI	1301	Introduction to Sociology	3
—	SPCH	1315	Principles of Public Speaking or	
—	SPCH	1318	Interpersonal Communication	3
—	- - - -	- - - -	Criminal Justice Elective*	3
—	SOCI	1306	Social Problems	3
				15

Total Semester Credit Hours for Certificate **42**

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

Drafting Technology–CADD

Associate of Applied Science in Computer Aided Drafting and Design Engineering Technology–DT2

The Drafting Technology Program provides training experience in computer-aided drafting. The Associate of Applied Science Degree prepares students for entrance into the drafting profession confident of having received a strong foundation in drafting disciplines and skills.

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

FIRST SEMESTER			SCH
—✦DFTG	1405	Technical Drafting	4
—✦**DFTG**	**1409**	**Basic Computer-Aided Drafting**	**4**
— TECM	1349	Technical Math Applications	3
— - - - -	- - - -	Elective Outside Major*	3/4
— POFT	1132	Workplace Diversity	
		or	
— ENTC	1191	Special Topics in Engineering Technology	1
			15/16

SECOND SEMESTER			
— - - - -	- - - -	Drafting 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	2432	Advanced CAD	4
— - - - -	- - - -	Drafting Elective**	4
— POFT	2312	Business Correspondence & Communications	3
— - - - -	- - - -	Drafting Elective**	4
— - - - -	- - - -	Drafting Elective**	4
			19

FOURTH SEMESTER			
— - - - -	- - - -	Drafting Elective**	4
—●DFTG	2438	Final Project: Advanced Drafting	
		or	
—●DFTG	2486	Internship - Drafting & Design Technician, General	4
— - - - -	- - - -	**Natural Science**	**4**
— - - - -	- - - -	**Oral Communications**	**3**
— - - - -	- - - -	Drafting Elective**	4
			19
Total Semester Credit Hours for Degree			**70/71**

Suggested Electives Outside Major ITSC 1309, ARCE 1413, 1422, CETT 1302, ENGL 2307, MCHN 1452, PFPB 1305, 1408, CNBT 1311, GISC 1311 or PTAC 1410.

**DFTG Electives should be chosen from DFTG 1413, 1417, 1433, 1458, 2400, 2407, 2408, 2412, 2423, 2427, 2428, 2430, 2431, 2435, 2442, 2445, 2467, ARCE 1452, 2444, CNBT 1442.*

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

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

Certificate of Completion in Computer Aided Drafting and Design–TP1

FIRST SEMESTER			SCH
—✦DFTG	1405	Technical Drafting	4
—✦DFTG	1409	Basic Computer-Aided Drafting	4
			8

SECOND SEMESTER			
— DFTG	- - - -	Elective*	4
—●DFTG	2419	Intermediate Computer-Aided Drafting	4
			8
Total Semester Credit Hours for Certificate			**16**

DFTG Electives should be chosen from DFTG 1413, 1417, 1433, 2407, 2408.

Certificate of Completion in Computer Aided Drafting and Design – Advanced Technology–DS1

Students should review the catalog course description 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			
— - - - -	- - - -	Elective*	4
— DFTG	2419	Intermediate Computer-Aided Drafting	4
			8

THIRD SEMESTER			
— DFTG	2432	Advanced CAD	4
— - - - -	- - - -	Elective*	4
			8

FOURTH SEMESTER			
— - - - -	- - - -	Elective*	4
—●DFTG	2486	Internship - Drafting & Design Technology/Technician, General	
		or	
—●DFTG	2438	Final Project Advanced Drafting	4
			8
Total Semester Credit Hours for Certificate			**32**

DFTG Electives should be chosen from DFTG 1413, 1417,1433, 2400, 2407, 2408, 2412, 2427, 2428, 2430, 2431, 2435, 2440, 2442, 2445, 2467, ARCE 1452, 2444, CNBT 1442.

● 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. Core and Field of Study 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–DR4

Students will gain a basic understanding of all facets of the theatre from acting to set design. Students will gain the skills necessary to complete 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 & Diction**	**3**
—	- - - -	- - - -	**Natural Science**	**4**
				17

SECOND SEMESTER

—	DRAM	1330	Elementary Stagecraft	3
—	- - - -	- - - -	**Social/Behavioral Science: Other**	**3**
—	DRAM	- - - -	Elective*	1/3
—	DRAM	1121	Theatre Arts Lab II	1
—	**ENGL**	**1302**	**English Composition II**	**3**
—	**MATH**	- - - -	**Mathematics** **	**3**
				14/16

THIRD SEMESTER

—	**HIST**	- - - -	**Social/Behavioral Science: History**	**3**
—	DRAM	- - - -	Elective*	3
—	DRAM	2120	Theatre Arts Lab III	1
—	- - - -	- - - -	**Humanities: Other**	**3**
—	**GOVT**	**2301**	**American Government I**	**3**
—	**COSC**	**1301**	**Microcomputer Applications**	**3**
—	**KINE**	- - - -	**Health, Wellness & Kinesiology**	**1**
				17

FOURTH SEMESTER

—	**HIST**	- - - -	**Social/Behavioral Science: History**	**3**
—	DRAM	- - - -	Elective*	1/3
—	DRAM	- - - -	Elective*	1/3
—	**GOVT**	**2302**	**American Government II**	**3**
—	- - - -	- - - -	**Natural Science**	**4**
				12/16

Total Semester Credit Hours for Degree **60/66**

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

** *Math to be chosen from MATH 1316, 1324 1332.*

Associate of Arts in Drama Technical Theatre–TT4

FIRST SEMESTER

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

SECOND SEMESTER

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

THIRD SEMESTER

—	**HIST**	- - - -	**Social/Behavioral Science: History**	**3**
—	DRAM	1342	Introduction to Costume	3
—	DRAM	2120	Theatre Arts Lab III	1
—	- - - -	- - - -	**Humanities: Other**	**3**
—	**GOVT**	**2301**	**American Government I**	**3**
—	**COSC**	**1301**	**Microcomputer Applications**	**3**
—	**KINE**	- - - -	**Health, Wellness & Kinesiology**	**1**
				17

FOURTH SEMESTER

—	**HIST**	- - - -	**Social/Behavioral Science: History**	**3**
—	DRAM	2362	History of Theatre II	3
—	DRAM	- - - -	Elective*	1/3
—	**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.*

** *Math to be chosen from MATH 1316, 1324 1332.*

Education

Associate of Arts in Teaching: Early Childhood to 6th Grade (Early Childhood Specialization Only)–ED15

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

FIRST SEMESTER

			SCH
— **ENGL 1301**	**English Composition I**		**3**
— **HIST ----**	**Social/Behavioral Science: History**		**3**
— **---- ----**	**Natural Science**		**4**
— **MATH 1414**	**College Algebra**		**4**
— TECA 1311	Educating Young Children		3
			17

SECOND SEMESTER

— **ENGL 1302**	**English Composition II**		**3**
— **---- ----**	**Social/Behavioral Science: History**		**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 & Professional Communications**		**3**
— TECA 1318	Wellness of the Young Child*		3
			12

FOURTH SEMESTER

— **GOVT 2301**	**American Government I** or		
— **GOVT 2302**	**American Government II**		**3**
— **---- ----**	**Humanities: Other**		**3**
— **---- ----**	**Computer Literacy**		**3**
— TECA 1303	Family, School & Community		3
— TECA 1354	Child Growth & Development		3
			15

Total Semester Credit Hours for Degree   **60**

*   *This meets KINE requirements.*

Associate of Arts in Teaching: Early Childhood to 6th Grade (Except Early Childhood Specialization) Special Education, ESL and Bilingual Generalists–ED25

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

FIRST SEMESTER

			SCH
— **ENGL 1301**	**English Composition I**		**3**
— **---- ----**	**Social/Behavioral Science: History**		**3**
— **---- ----**	**Natural Science**		**4**
— **MATH 1414**	**College Algebra**		**4**
— EDUC 1301	Introduction to the Teaching Profession		3
			17

SECOND SEMESTER

— **ENGL 1302**	**English Composition II***		**3**
— **---- ----**	**Social/Behavioral Science: History**		**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 & Professional Communications**		**3**
— **KINE ----**	**Health, Wellness & Kinesiology**		**1**
—- --- ----	Natural Science##		4
			14

FOURTH SEMESTER

— **GOVT 2301**	**American Government I** or		
— **GOVT 2302**	**American Government II**		**3**
— **---- ----**	**Humanities: Other**		**3**
— **---- ----**	**Computer Literacy**		**3**
— EDUC 2301	Introduction to Special Populations		3
— ---- ----	Elective		1
			13

Total Semester Credit Hours for Degree   **60**

*   *Check with transfer institution since ENGL 2311, Technical Writing may be required.*
\# *GEOG 1303 recommended.*
\#\# *Biological (BIOL) and Physical Science courses (CHEM, ENVR, GEOL, PHYS) are required. PHYS 1415 is recommended.*

- 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. Core and Field of Study courses are shown in bold and underline type.**

✦ Students completing a high school Tech Prep Program may receive credit for indicated courses.

Associate of Arts in Teaching: Grades 4th to 8th Generalist–ED35

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

FIRST SEMESTER			SCH
— **ENGL**	**1301**	**English Composition I**	**3**
— - - - -	- - - -	**Social/Behavioral Science: History**	**3**
— - - - -	- - - -	**Natural Science**	**4**
— **MATH**	**1414**	**College Algebra**	**4**
— EDUC	1301	Introduction to the Teaching Profession	3
			17

SECOND SEMESTER			
— **ENGL**	**1302**	**English Composition II***	**3**
— - - - -	- - - -	**Social/Behavioral Science: History**	**3**
— - - - -	- - - -	**Humanities: Visual & Performing Arts**	**3**
— - - - -	- - - -	**Natural Science**	**4**
— MATH	1350	Fundamentals of Mathematics I	3
			16

THIRD SEMESTE**R**			
— **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 & Professional Communications**	**3**
— **KINE**	- - - -	**Health, Wellness & Kinesiology**	**1**
— - - - -	- - - -	Natural Science##	4
			14

FOURTH SEMESTER			
— **GOVT**	**2301**	**American Government I**	
		or	
— **GOVT**	**2302**	**American Government II**	**3**
— - - - -	- - - -	**Humanities: Other**	**3**
— - - - -	- - - -	**Computer Literacy**	**3**
— EDUC	2301	Introduction to Special Populations	3
— - - - -	- - - -	Elective	1
			13

Total Semester Credit Hours for Degree   **60**

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

\#   *GEOG 1303 recommended.*

\#\# *Check with transfer institution for specific requirements.*

Associate of Arts in Teaching: Grades 8th to 12th–ED45

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

See a counselor for specific courses.

Grades 8-12 Certification Areas

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

EC–Grade 12 Certification Areas

- Art
- Music
- Physical Education
- Theatre
- Business
- English

FIRST SEMESTER			SCH
— **ENGL**	**1301**	**English Composition I**	**3**
— **HIST**	- - - -	**Social/Behavioral Science: History**	**3**
— - - - -	- - - -	**Natural Science**	**4**
— **COSC**	**1301**	**Microcomputer Applications**	**3**
— - - - -	- - - -	Specialization*	3
			16

SECOND SEMESTER			
— **ENGL**	**1302**	**English Composition II***	**3**
— **HIST**	- - - -	**Social/Behavioral Science: History**	**3**
— **MATH**	- - - -	**Math#**	**3**
— - - - -	- - - -	**Natural Science**	**4**
— - - - -	- - - -	Specialization*	3
			16

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 & Professional Communications**	**3**
— - - - -	- - - -	Specialization*	3
— EDUC	1301	Introduction to the Teaching Profession	3
			15

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 & Kinesiology**	**1**
— EDUC	2301	Introduction to Special Populations	3
			13

Total Semester Credit Hours for Degree   **60**

*   *Minimum of 9 SCHs*

\#   *College Algebra recommended*

Electrical Technology

Associate of Applied Science in Electrical Technology–IE2

FIRST SEMESTER
				SCH
—	ELPT	1325	National Electrical Code I	3
—	ELPT	1419	Fundamentals of Electricity	4
—	TECM	1341	Technical Algebra	3
—	**ITSC**	**1309**	**Integrated Software Applications I**	**3**
—	**- - - -**	**- - - -**	**Natural Science**	**4**
				17

SECOND SEMESTER
—	ELPT	1420	Fundamentals of Electricity II	4
—	ELPT	1455	Electronic Applications	4
—	TECM	1349	Technical Math Applications	3
—	**ENGL**	**1301**	**English Composition I**	
			or	
—	**BUSI**	**1304**	**Business Report Writing & Correspondence**	**3**
—	**- - - -**	**- - - -**	**Humanities/Fine Art**	**3**
				17

THIRD SEMESTER
—	ELPT	2405	Motors & Transformers	4
—	ELPT	2319	Programmable Logic Controllers	3
—	**SPCH**	**1315**	**Principles of Public Speaking**	**3**
—	- - - -	- - - -	Elective	3
—	ELPT	1445	Commercial Wiring	4
				17

FOURTH SEMESTER
—●	ELPT	1441	Motor Control	4
—	ELPT	- - - -	Elective*	3
—	**- - - -**	**- - - -**	**Social/Behavioral Science**	**3**
—	- - - -	- - - -	Elective	3
				13

Total Semester Credit Hours for Degree   **64**

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

Certificate of Completion in Electrical Technology–IE1

FIRST SEMESTER
				SCH
—	ELPT	1325	National Electrical Code I	3
—	ELPT	1419	Fundamentals of Electricity	4
—	ELPT	- - - -	Elective*	3
				10

SECOND SEMESTER
—	ELPT	1420	Fundamentals of Electricity II	4
—	ELPT	1455	Electronic Applications	4
—	ELPT	2405	Motors & Transformers	4
				12

THIRD SEMESTER
—	ELPT	2319	Programmable Logic Controllers I	3
—	ELPT	1445	Commercial Wiring	4
—●	ELPT	1441	Motor Control	4
				11

Total Semester Credit Hours for Certificate   **33**

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

● Students should plan to take this capstone course in their last semester and should speak with their advisor prior to registering for the final semester. **Core curriculum courses are shown in bold type. Field of Study (FOS) courses are underlined. Core and Field of Study 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–EN4

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

FIRST SEMESTER			SCH
— **ENGL**	**1301**	**English Composition I**	**3**
— SPAN	1411	Beginning Spanish	4
— **HIST**	**- - - -**	**Social/Behavioral Science: History**	**3**
— **MATH**	**1414**	**College Algebra**	
		or	
— **MATH**	**1332**	**Contemporary Mathematics I**	**3/4**
— **KINE**	**- - - -**	**Health, Wellness & Kinesiology**	**1**
			14/15

SECOND SEMESTER			
— **ENGL**	**1302**	**English Composition II**	**3**
— SPAN	1412	Intermediate Spanish	4
— **HIST**	**- - - -**	**Social/Behavioral Science: History**	**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**

Game Design

Associate of Applied Science in Game Development Specialist–GADS2

This program is designed to provide a well-rounded, fundamental and application-oriented education focused on the knowledge of existing and new developments in Digital Game Technology. The student will acquire knowledge of the basic digital gaming and simulation industries and markets, and the programming, graphic arts, storytelling, and audio recording skills required to create the games. Students will be required to develop necessary teamwork skills to fulfill the capstone requirement. With additional training and experience, individuals can increase their potential for advancement. The skills built within this program can lead not only to jobs in the digital gaming industry, but after work experience in the game industry and completion of a four-year degree in computer science, multimedia animation or art, the student could be qualified for other crossover careers including such career opportunities as: Computer Programmer, Computer Systems Analyst, Software Engineer, Multimedia Artist and Animator, and Graphic Artist.

FIRST SEMESTER			SCH
—	- - - -	- - - -	**Computer Literacy**	**3/4**
—	GAME	1306	Design & Creation of Games	3
—	GAME	1302	Interactive Storyboarding	3
—	ARTC	1453	Computer Illustration	4
—	COSC	1436	Programming Fundamentals I	4
				17/18

SECOND SEMESTER			
—	GAME	1212	Game Theory	2
—	GAME	1301	Computer Ethics	3
—	ARTC	2440	Computer Illustration II	4
—	IMED	1445	Interactive Multimedia I	4
—	COSC	1437	Programming Fundamentals II	4
				17

THIRD SEMESTER			
—	GAME	1304	Level Design	3
—	GAME	2332	Project Development I	3
—	GAME	2338	Game Testing	3
—	**ENGL**	**1301**	**English Composition I**	**3**
—	- - - -	- - - -	**Oral Communications**	**3**
—	- - - -	- - - -	Elective**	3
				18

FOURTH SEMESTER			
—	- - - -	- - - -	**Natural Science/Mathematics**	**4**
—	- - - -	- - - -	**Social/Behavioral Science**	**3**
—	- - - -	- - - -	**Humanities/Fine Arts**	**3**
—	COMM	2325	Electronic Music I	3
—●	GAME	2459	Game & Simulation Group Project	4
				17
Total Semester Credit Hours for Degree			**69/70**

** *Elective to be chosen from COMM 2324, ENGL 1302, ENGL 2307, future DRAM storyboarding, or other courses appropriate to degree.*

Certificate of Completion in Game Designer–GAD1

FIRST SEMESTER			SCH
—	- - - -	- - - -	Computer Literacy	3/4
—	GAME	1306	Design & Creation of Games	3
—	GAME	1302	Interactive Storyboarding	3
—	ARTC	1453	Computer Illustration	4
—●	COSC	1436	Programming Fundamentals I	4
				17/18
Total Semester Credit Hours for Certificate			**17/18**

Certificate of Completion in Game Specialist–GAS1

FIRST SEMESTER			SCH
—	- - - -	- - - -	Computer Literacy	3/4
—	GAME	1306	Design & Creation of Games	3
—	GAME	1302	Interactive Storyboarding	3
—	ARTC	1453	Computer Illustration	4
—	COSC	1436	Programming Fundamentals I	4
				17/18

SECOND SEMESTER			
—	GAME	1212	Game Theory	2
—	GAME	1301	Computer Ethics	3
—	ARTC	2440	Computer Illustration II	4
—	IMED	1445	Interactive Multimedia I	4
—●	COSC	1437	Programming Fundamentals II	4
				17
Total Semester Credit Hours for Certificate			**34/35**

● 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. Core and Field of Study courses are shown in bold and underline type.**

✦ Students completing a high school Tech Prep Program may receive credit for indicated courses.

GIS

Associate of Applied Science in Geographic Information Systems–GIS2

Geographic Information Systems is a rapidly expanding technology integral to nearly every industry, business and government service. GIS is used to map, manage, manipulate, maintain and model data. GIS is used by cities to keep track of roads, parcels and utilities, farmers to precisely determine and control treatment coverage on their fields, emergency personnel to help respond more quickly and effectively to events by people in the health care industry, mining, forestry, real estate, web, government, engineering, natural resources, transportation, and utilities industries to solve their need to manage location based information.

In 2003, President Bush introduced the High Growth Job Training Initiative, a collaborative effort to help team people with the jobs that are needed. The initiative is a strategic effort to prepare workers to take advantage of new and increasing job opportunities in high-growth, high-demand, and economically vital sectors of the American economy. The High Growth Job Training Initiative identified the geospatial industry as one of fourteen that is projected to have far reaching impact on the U.S. economy. Due in part to the fact that geospatial technology uses are so widespread and diverse, the geospatial market is growing at an annual rate of almost 35%, with the commercial sub-section expanding at a rate of 100% per year. This extraordinary growth is due to many factors, including the sector's emerging importance and application in national, economic and homeland security interests. The future of the industry is boundless, as more and more organizations discover the powerful benefits that can be realized through the use of this high-tech, cutting-edge technology.

FIRST SEMESTER			SCH
—	**COSC**	**1301** **Microcomputer Applications**	**3**
—	GISC	1311 Introduction to Geographic Information System	3
—	**ENGL**	**1301** **English Composition I**	**3**
—	**- - - -**	**- - - -** **Natural Science**	**4**
—	GISC	2311 Geographic Information Systems (GIS) Applications	3
			16

SECOND SEMESTER			
—	ITSW	2337 Advanced Database	3
—	GISC	1321 Introduction to Raster-Based GIS	3
—	COSC	1436 Programming Fundamentals I	4
—	GISC	1391 Special Topics in Cartography	3
—	**- - - -**	**- - - -** **Humanities/Fine Arts**	**3**
			16

THIRD SEMESTER			
—	MATH	1414 College Algebra	4
—	**SPCH**	**1315** **Principles of Public Speaking**	**3**
—	GISC	2303 Fundamentals of Logistics with GIS	3
—	**SOCI**	**2319** **Multi-Cultural Studies**	**3**
—	ENGL	2311 Technical Writing	3
			16

FOURTH SEMESTER			SCH
—	GISC	2402 GIS Design with Raster Analysis	4
—	MATH	2442 Elementary Statistics	4
—	GISC	2320 Intermediate Geographic Information Systems (GIS)	4
—	GISC	2301 Data Acquisition & Analysis in GIS	3
—●	GISC	2359 Web-Served GIS or	
—●	GISC	2380 Cooperative Education: Cartography	3
			17

Total Semester Credit Hours for Degree — **65**

Certificate of Completion in Geographic Information Systems Technician–GIST1

FIRST SEMESTER			SCH
—	GISC	1311 Introduction to Geographic Information System	3
—	GISC	2311 Geographic Information Systems (GIS) Applications	3
			6

SECOND SEMESTER			
—	GISC	1321 Introduction to Raster-Based GIS	3
—	GISC	2301 Data Acquisition & Analysis in GIS	3
—●	GISC	1391 Special Topics in Cartography	3
			9

Total Semester Credit Hours for Certificate — **15**

Certificate of Completion in GIS/GPS Analyst–GIS1

FIRST SEMESTER			SCH
—	GISC	1311 Introduction to Geographic Information System	3
—	GISC	2311 Geographic Information Systems (GIS) Applications	3
—	GISC	2303 Fundamentals of Logistics with GIS	3
			9

SECOND SEMESTER			
—	GISC	1321 Introduction to Raster-Based GIS	3
—	GISC	2301 Data Acquisition & Analysis in GIS	3
—●	GISC	1391 Special Topics in Cartography	3
—	GISC	2402 GIS Design with Raster Analysis	4
—	GISC	2320 Intermediate Geographic Information Systems (GIS)	3
			16

Total Semester Credit Hours for Certificate — **25**

Health Information Technology

Associate of Applied Science in Health Information Technology - Tech Prep–MR2

This Tech Prep Degree Program is a professional program which is designed to lead to an Associate of Applied Science Degree.

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

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

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

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

FIRST SEMESTER			SCH
— HITT	1305	Medical Terminology I	3
—✦ITSC	**1309**	**Integrated Software Applications I**	**3**
			6

SECOND SEMESTER			
— **ENGL**	**1301**	**English Composition I**	**3**
— **BIOL**	**2401**	**Human Anatomy & Physiology I**	**4**
— HITT	1349	Pharmacology	3
— HITT	1301	Health Data Content & Structure	3
— HITT	1345	Health Care Delivery Systems	3
			16

THIRD SEMESTER			
— BIOL	2402	Human Anatomy & Physiology II	4
— MRMT	1307	Medical Transcription I	3
— HITT	1341	Coding & Classification Systems	3
— HPRS	2301	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			SCH
— 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 Information	3
— HITT	2335	Coding & Reimbursement Methodologies	3
			15

SIXTH SEMESTER			
— HITT	2339	Health Information Organization & Supervision	3
— HITT	2343	Quality Assessment & 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–MR1

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. This certificate can be completed in one year by attending full-time.

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

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

FIRST SEMESTER			SCH
— HITT	1305	Medical Terminology I	3
— BIOL	2404	The Human Body	4
— HITT	1349	Pharmacology	3
— ITSC	1309	Integrated Software Applications I	3
			13

SECOND SEMESTER			
— MRMT	1307	Medical Transcription I	3
— ENGL	1301	English Composition I	3
— POFT	1301	Business English	3
— POFI	2301	Word Processing	3
			12

- ● 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. Core and Field of Study courses are shown in bold and underline type.**

- ✦ Students completing a high school Tech Prep Program may receive credit for indicated courses.

THIRD SEMESTER

				SCH
—	MRMT	2433	Medical Transcription II	4
—●	MRMT	1167	Practicum (or Field Experience): Medical Transcription/Transcriptionist	1
—	HITT	1353	Legal & 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–CD1

The Certificate of Completion in coding will qualify students to work as a Medical Coder.

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

FIRST SEMESTER

				SCH
—	HITT	1305	Medical Terminology I	3
—	ITSC	1309	Integrated Software Applications I	3
—	BIOL	2401	Human Anatomy & Physiology I	4
—	HITT	1301	Health Data Content & Structure	3
				13

SECOND SEMESTER

—	BIOL	2402	Human Anatomy & Physiology II	4
—	HITT	1341	Coding & Classification Systems	3
—	HPRS	2301	Pathophysiology	3
—	HITT	1349	Pharmacology	3
				13

THIRD SEMESTER

—	HITT	2335	Coding & 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**

Certificate of Completion in Cancer Data Management–CDM1

The Certificate Program in Cancer Data Management is designed to prepare the student for a career working in hospital-based cancer registries or population-based central registries (health care facilities, data organizations, and free standing cancer registries).

Students will acquire the technical knowledge and skills necessary to maintain a cancer data collection system that will be consistent with medical, administrative, legal, ethical, and accreditation requirements of the health care delivery system. Cancer registry professionals are required to collect, analyze, and disseminate cancer data. Completion of the certificate will signal prospective employers of one's level of knowledge, professionalism, and training.

Students will be eligible to take the National Examination given by the National Cancer Registry Association (NCRA) with a minimum of an Associate Degree in a health care related field and completion of the certificate requirements. After successful completion of the National Examination, the professional credential of Certified Tumor Registrar (CTR) is awarded. Students completing this program are TSI responsible.

FIRST SEMESTER

				SCH
—●	HITT	1305	Medical Terminology I	3
—	ITSC	1309	Integrated Software Applications I	3
—	HITT	1301	Health Data Content & Structure	3
—	BIOL	2401	Human Anatomy & Physiology I	4
—	ENGL	- - - -	Written Communication	3
				16

SECOND SEMESTER

—	HITT	1355	Health Care Statistics	3
—	HITT	1372	Cancer Data Management I	3
—	HITT	1349	Pharmacology	3
—	BIOL	2402	Human Anatomy & Physiology II	4
—	HITT	2339	Health Information Organization & Supervision	3
				16

THIRD SEMESTER

—	HITT	2343	Quality Assessment & Performance Improv.	3
—	HPRS	2301	Pathophysiology	3
—	HITT	1373	Cancer Data Management II	3
—	HITT	1353	Legal & Ethical Aspects of Health Information	3
—	HITT	1261	Clinical - Health Information/Medical Records Technology/Technician	2
				14

Total Semester Credit Hours for Certificate   **46**

Humanities

Associate of Arts in Humanities–HU4

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**	- - - -	**Social/Behavioral Science: History**	3
— **MATH**	**1414**	**College Algebra**	
		or	
— **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**	- - - -	**Social/Behavioral Science: History**	3
— - - - -	- - - -	**Communication: Other**	3
— - - - -	- - - -	Humanities/Social Science Elective	3
			16

THIRD SEMESTER			
— **GOVT**	**2301**	**American Government I**	3
— ENGL	- - - -	Sophomore Literature	3
— - - - -	- - - -	**Social/Behavioral Science: Other**	3
— - - - -	- - - -	Social/Behavioral Science Elective	3
— - - - -	- - - -	**Humanities: Visual/Performing Arts**	3
— **KINE**	- - - -	**Health, Wellness & Kinesiology**	1
			16

FOURTH SEMESTER			
— **GOVT**	**2302**	**American Government II**	3
— - - - -	- - - -	**Humanities: Other**	3
— - - - -	- - - -	Humanities Elective*	3
— - - - -	- - - -	Elective	3
— ENGL	- - - -	Sophomore Literature	3
			15

Total Semester Credit Hours for Degree   **63/65**

* HUMA Electives to be chosen from any course from the Core Curriculum under Humanities, including Visual/Performing Arts and other, that is not taken to fulfill another requirement.

● 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. Core and Field of Study 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–IR2

FIRST SEMESTER			SCH
— INTC	1312	Instrumentation & Safety	3
— INTC	1456	Instrumentation Calibration	4
— CETT	1302	Electricity Principles	
		or	
— CETT	1325	Digital Fundamentals	3
— **ITSC**	**1309**	**Integrated Software Applications I**	**3**
— TECM	1341	Technical Algebra	3
			16

SECOND SEMESTER			
— INTC	1441	Principles of Automatic Control	4
— CPMT	1303	Introduction to Computer Technology	
		or	
— CPMT	1411	Introduction to Computer Maintenance	3/4
— TECM	1349	Technical Math Applications	3
— **ENGL**	**1301**	**English Composition I**	
		or	
— **BUSI**	**1304**	**Business Report Writing & Correspondence**	**3**
— - - - -	- - - -	**Humanities/Fine Art**	**3**
			16/17

THIRD SEMESTER			
— INTC	1343	Application of Industrial Automatic Control	3
— - - - -	- - - -	Elective*	3/4
— **SPCH**	**- - - -**	**Oral Communications**	**3**
— INTC	2436	Distributed Control & Programmable Logic	4
— - - - -	- - - -	Elective*	3/4
			16/18

FOURTH SEMESTER			
— - - - -	- - - -	**Natural Science/Mathematics**	**4**
— - - - -	- - - -	**Social/Behavioral Science**	**3**
—●INTC	2450	Fieldbus Process Control Systems	4
— - - - -	- - - -	Elective*	3/4
			14/15

Total Semester Credit Hours for Degree			**62/66**

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

Certificate of Completion in Instrumentation Technology–IR1

FIRST SEMESTER			SCH
— INTC	1312	Instrumentation & Safety	3
— INTC	1456	Instrumentation Calibration	4
— TECM	1341	Technical Algebra	3
— CETT	1302	Electrical Principles	
		or	
— CETT	1325	Digital Principles	3
			13

SECOND SEMESTER			
— CPMT	1303	Introduction to Computer Technology	
		or	
— CPMT	1411	Introduction to Computer Maintenance	3/4
— INTC	1441	Principles of Automatic Control	4
— INTC	1343	Application of Industrial Automatic Control	3
— TECM	1349	Technical Math Applications	3
			13/14

THIRD SEMESTER			
— INTC	2436	Distributed Control & Programmable Logic	4
—●INTC	2450	Fieldbus Process Control Systems	4
			8

Total Semester Credit Hours for Certificate			**34/35**

Certificate of Completion in Industrial Instrumentation–IF1

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

SECOND SEMESTER			
— INTC	2405	Instrument Hardware Installation II	4
— CETT	1307	Fundamentals of Electronics	3
— INTC	1401	Principles of Industrial Measurements I	4
			11

THIRD SEMESTER			
—●INTC	2410	Principles of Industrial Measurements II	4
			4

Total Semester Credit Hours for Certificate			**22**

Certificate of Completion in Analytical Instrumentation–ATI1

FIRST SEMESTER			SCH
— INTC	1312	Instrumentation & Safety	3
— INTC	1448	Analytical Instrumentation	4
__ SCIT	1414	Applied General Chemistry I	4
			11

SECOND SEMESTER			
—●INTC	2445	Advanced Analyzers	4
— OSHT	1316	Material Handling	3
			7

Total Semester Credit Hours for Certificate			**18**

Kinesiology/Physical Education

Associate of Science in - Kinesiology/Physical Fitness–KI3

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) credit hours of kinesiology/physical education activity class 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.

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	- - - -	**Social/Behavioral Science: History**	3
— MATH	- - - -	**Mathematics**	3/4
— COSC	1301	**Microcomputer Applications**	3
— KINE	1301	Foundations in Physical Education	3
— KINE	- - - -	**Elective**	1
			16/17

SECOND SEMESTER			
— ENGL	1302	**English Composition II**	3
— HIST	- - - -	**Social/Behavioral Science: History**	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 & Physiology I**	4
— GOVT	2301	**American Government I**	3
— KINE	1306	First Aid	3
— KINE	2356	Care & Prevention of Athletic Injuries	3
— KINE	1321	Coaching Sports & Athletics	3
			16

FOURTH SEMESTER			
— KINE	1338	Concepts of Physical Fitness	3
— BIOL	2402	**Human Anatomy & Physiology II**	4
— GOVT	2302	**American Government II**	3
— - - - -	- - - -	**Communication: Other**	3
— - - - -	- - - -	**Humanities: Other**	3
— KINE	- - - -	Elective	1
			17

| **Total Semester Credit Hours for Degree** | | | **65/66** |

Associate of Science in - Kinesiology/Health–KH3

The Associate of Science Degree in Kinesiology/Health is designed to prepare students for graduate study in health, wellness, physical therapy, exercise science, nutrition, and physical education or for a career in the health and fitness industry. Emphasis will be placed on understanding the relationship among nutrition, weight, control, and physical activity and their role in personal health.

The degree plan is designed to prepare the student for immediate job placement in the health and fitness industry. Students who intend to transfer to a four-year institution should consider the requirements of the senior college and plan their community college scholastic schedule accordingly.

FIRST SEMESTER			SCH
— ENGL	1301	**English Composition I**	3
— HIST	- - - -	**Social/Behavioral Science: History**	3
— MATH	- - - -	**Mathematics**	3/4
— COSC	1301	**Microcomputer Applications**	3
— KINE	1301	Foundations in Physical Education	3
— KINE	- - - -	**Elective**	1
			16/17

SECOND SEMESTER			
— ENGL	1302	**English Composition II**	3
— HIST	- - - -	**Social/Behavioral Science: History**	3
— - - - -	- - - -	**Humanities: Visual/Performing Arts**	3
— - - - -	- - - -	**Social Behavioral Science: Other**	3
— KINE	1305	The Healthy American	3
— KINE	1164	Introduction to Physical Fitness & Nutrition	1
			16

THIRD SEMESTER			
— BIOL	2401	**Human Anatomy & Physiology I**	
		or	
— BIOL	1406	**General Biology I**	4
— GOVT	2301	**American Government I**	3
— KINE	1306	First Aid	3
— KINE	1346	Drug Use & Abuse	3
— KINE	1304	Personal Health & Nutrition	3
			16

FOURTH SEMESTER			
— BIOL	2402	**Human Anatomy & Physiology II***	
		or	
— BIOL	1407	**General Biology II***	4
— GOVT	2302	**American Government II**	3
— - - - -	- - - -	**Communication: Other**	3
— - - - -	- - - -	**Humanities: Other**	3
— KINE	- - - -	Elective	1
			14

| **Total Semester Credit Hours for Degree** | | | **62/63** |

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

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

Associate of Science in - Kinesiology/Recreation–KR3

The Associate of Science Degree in Kinesiology/Recreation is designed to introduce and educate students to the field of recreation and leisure along with career choices that are available. Recreation and leisure in a multifaceted field comprising the areas of parks, public recreation, non-profit organizations, commercial recreation and tourism, and therapeutic recreation.

This degree plan is designed to prepare students for immediate job placement in the recreation and leisure industry or transfer to a four-year institution for a specific emphasis on recreation and leisure. Students who intend to transfer to a four-year institution should consider the requirements of the senior college and plan their community college scholastic schedule accordingly.

FIRST SEMESTER			SCH
— **ENGL**	**1301**	**English Composition I**	3
— **HIST**	**- - - -**	**Social/Behavioral Science: History**	3
— **MATH**	**- - - -**	**Mathematics**	3/4
— **COSC**	**1301**	**Microcomputer Applications**	3
— KINE	1301	Foundations in Physical Education	3
— **KINE**	**- - - -**	**Elective**	1
			16/17

SECOND SEMESTER			
— **ENGL**	**1302**	**English Composition II**	3
— **HIST**	**- - - -**	**Social/Behavioral Science: History**	3
— **- - - -**	**- - - -**	**Humanities: Visual/Performing Arts**	3
— **- - - -**	**- - - -**	**Social Behavioral Science: Other**	3
— KINE	1336	Introduction to Recreation	3
— KINE	- - - -	Elective	1
			16

THIRD SEMESTER			
— **BIOL**	**2401**	**Human Anatomy & Physiology I**	
		or	
— **BIOL**	**1406**	**General Biology I**	**4**
— **GOVT**	**2301**	**American Government I**	3
— KINE	1306	First Aid	3
— KINE	1321	Coaching Sports & Athletics	3
— KINE	1332	Elementary & Recreational Game Skills	3
			16

FOURTH SEMESTER			
— KINE	1305	The Healthy American	3
— **BIOL**	**2402**	**Human Anatomy & Physiology II***	
		or	
— **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   **65/66**

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

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

Liberal Arts

Associate of Arts in Liberal Arts-American Studies Option–LA4H

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

FIRST SEMESTER			SCH
— ENGL	1301	English Composition I	3
— HUMA	1301	Introduction to the Humanities I	3
— GOVT	2301	American Government I	3
— KINE	- - - -	Health, Wellness & Kinesiology	1
— - - - -	- - - -	Natural Science	4
			14

SECOND SEMESTER			
— ENGL	1302	English Composition II	3
— HUMA	1302	Introduction to the Humanities II	3
— - - - -	- - - -	Elective	3
— GOVT	2302	American Government II	3
— - - - -	- - - -	Natural Science	4
			16

THIRD SEMESTER			
— ENGL	2327	American Literature to 1860	3
— HIST	1301	History of the United States to 1877	3
— - - - -	- - - -	Social/Behavioral Science: Other	3
— - - - -	- - - -	Humanities: Visual/Performing Arts	3
— - - - -	- - - -	Computer Literacy	3/4
			15/16

FOURTH SEMESTER			
— ENGL	2328	American Literature: 1860 to Present	3
— HIST	1302	History of the United States Since 1877	3
— - - - -	- - - -	Elective	3
— MATH	1414	College Algebra	
		or	
— MATH	1332	Contemporary Mathematics I	3/4
— - - - -	- - - -	Communication: Other	3
			15/16
Total Semester Credit Hours for Degree			**60/62**

Machine Shop

Associate of Applied Science in Machine Shop - Machinist Option–MC2

FIRST SEMESTER			SCH
—	MCHN	1391	Special Topics in Machinist/Machine Technologist: Machine Parts Metrology & 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			
—	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			
—	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			
—	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 1343.

Associate of Applied Science in Machine Shop - Millwright Option–MW2

FIRST SEMESTER			SCH
—	MCHN	1391	Special Topics in Machinist/Machine Technologist: Machine Parts Metrology & 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			
—	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			
—	HYDR	1345	Hydraulics & 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**	3
— - - - -	- - - -	Elective	3
				13

Total Semester Credit Hours for Degree 63

Certificate of Completion in Machine Shop - Machinist Option–MC1

FIRST SEMESTER			SCH
—	MCHN	1391	Special Topics in Machinist/Machine Technologist: Machine Parts Metrology & Design	3
—	MCHN	1452	Intermediate Machining I	4
				7

SECOND SEMESTER			
—	MCHN	1454	Intermediate Machining II	4
—	MCHN	2441	Advanced Machining I	4
—	MCHN	2445	Advanced Machining II	4
				12

THIRD SEMESTER			
—●	MCHN	1416	Machine Tool Repair	4
				4

Total Semester Credit Hours for Certificate 23

Certificate of Completion in Machine Shop - Millwright Option–MW1

FIRST SEMESTER			SCH
—	MCHN	1391	Special Topics in Machinist/Machine Technologist: Machine Parts Metrology & Design	3
—	MCHN	2405	Millwright III	4
—	MCHN	1343	Machine Shop Mathematics	3
				10

SECOND SEMESTER			
—	HYDR	1345	Hydraulics & Pneumatics	3
—	MCHN	2407	Millwright IV	4
				7

THIRD SEMESTER			
—●	MCHN	2412	Millwright V	4
				4

Total Semester Credit Hours for Certificate 21

Certificate of Completion in Machine Shop - Millwright Helper Option–MH1

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

SECOND SEMESTER			
—	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. Core and Field of Study courses are shown in bold and underline type.**

✦ Students completing a high school Tech Prep Program may receive credit for indicated courses.

Manufacturing Engineering Technology

Associate of Applied Science in Manufacturing Engineering Technology– MAET2

The Manufacturing Engineering Technology MET program is a broad-based general science degree designed to prepare students for careers in the chemical processing industry, manufacturing, and advanced technology. The Manufacturing Engineering Technology MET program is a popular option found at fourteen universities in the State of Texas. Graduates from the Manufacturing Engineering Technology MET AAS program would have five optional; (1) transfer to a 4-year engineering program, (2) transfer to a 4-year engineering technology program, (3) seek employment as an engineering technician, (4) seek employment as a process technician, research technician, laboratory technician or (5) transfer to a 4-year school offering a BS in Technology. Graduates from this program will have a solid foundation in mathematics, physics, and chemistry combined with a good understanding of the equipment and technology associated with the operation of the manufacturing industry. Optional career paths could include chemistry, safety, pharmaceuticals, power generation, or engineering. The program will comply with the American Chemical Society's voluntary standards and with the Technology Accreditation Commission of the Accreditation Board for Engineering and Technology in Engineering Technology.

FIRST SEMESTER			SCH
—	PTAC 1410	Process Technology I: Equipment	4
—	MATH 1414	College Algebra	4
—	PTAC 1308	Safety, Health & Environment I	3
—	**ENGL 1301**	**English Composition I**	**3**
			14

SECOND SEMESTER			
—	PTAC 1332	Process Instrumentation I	3
—	**CHEM 1411**	**General Chemistry I**	**4**
—	PHYS - - - -	Physics Selection	4
—	PTAC 2314	Principles of Quality	3
—	- - - - - - - -	Elective	3
			17

THIRD SEMESTER			
—	- - - - - - - -	**Social/Behavioral Science**	**3**
—	PTAC 2438	Process Technology III: Operations	4
—	MATH 2413	Calculus I with Analytic Geometry or	
—	SCIT 1414	Applied General Chemistry I	4
—	PTAC 2420	Process Technology II Systems	4
			15

FOURTH SEMESTER			
—	ENGT 2310	Introduction to Manufacturing Processes	3
—	- - - - - - - -	**Oral Communication**	**3**
—●	**PTAC 2446**	**Process Troubleshooting***	**4**
—	- - - - - - - -	**Humanities: Fine Arts**	**3**
—	- - - - - - - -	Elective	3
			16

Total Semester Credit Hours for Degree   **62**

* PTAC 2446 will satisfy Computer Literacy Core.

Math/Physics/Pre-Engineering

Associate of Science in Math/Physics/ Pre-Engineering–MA3

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**	**- - - - Social/Behavioral Science: History**	**3**
—	**KINE**	**- - - - Health, Wellness & Kinesiology**	**1**
—	**MATH**	**2413 Calculus I with Analytic Geometry***	**4**
—	**COSC**	**1301 Microcomputer Applications**	**3**
			14

SECOND SEMESTER			
—	**ENGL**	**1302 English Composition II**	**3**
—	**HIST**	**- - - - Social/Behavioral Science: History**	**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.

Mechanical Engineering Technology

Associate of Applied Science in Mechanical Engineering Technology–MET2

The Mechanical Engineering Technology Program is designed to provide the student with a foundation of theoretical and practical knowledge of engineering technology and the applied skills necessary to begin careers in industry or to transfer to a university program. This program provides a learning environment where students can interact with state-of-the-art technological equipment and software and gain experience in the application of computer aided-drafting and design software to create, design, and analyze mechanical systems. Students pursuing the Certificate of Completion or the AAS in Mechanical Engineering Technology will be prepared for entry-level employment and transfer to a university program. Students pursuing the AS in Mechanical Engineering Technology will be prepared for university transfer with maximum hours transferring. All students will be prepared for life-long learning in the engineering technology field.

FIRST SEMESTER			SCH
— - - - -	- - - -	**Social/Behavioral Science**	**3**
— **DFTG**	**1409**	**Basic Computer - Aided Drafting**	**4**
— ENGR	1304	Engineering Design Graphics	
		or	
— DFTG	1405	Technical Drafting	3/4
— TECM	1349	Technical Math Applications*	3
— ENGT	2310	Introduction to Manufacturing Processes	3
— ENTC	1191	Special Topics in Engineering, General	1
			17/18

SECOND SEMESTER			
— DFTG	2419	Intermediate Computer - Aided Drafting	4
— DFTG	1433	Mechanical Drafting	4
— **ENGL**	**1301**	**English Composition I**	**3**
— MCHN	1452	Intermediate Machining I	4
— BMGT	1307	High Performance Work Teams	3
			18

THIRD SEMESTER			
— CETT	1302	Electricity Principals	3
— - - - -	- - - -	**Humanities/Fine Arts**	**3**
— INMT	1371	Introduction to Digital Manufacturing	3
— DFTG	2432	Advanced CAD	4
— **PHYS**	**1405**	**General Physics**	**4**
			17

FOURTH SEMESTER			
—●INMT	2488	Internship - Manufacturing Technology	4
— ENGT	2307	Engineering Materials I	3
— ENTC	1343	Statics	3
— - - - -	- - - -	**Oral Communications**	**3**
— DFTG	2435	Advanced Technologies in Mechanical Design & Drafting	4
			17

Total Semester Credit Hours for Degree   **69/70**

* *Students must check with transfer university to determine Physics/Math requirements. MATH 1414 College Algebra or higher may be substituted for TECM 1349.*

Associate of Science in Mechanical Engineering Technology–ME3

FIRST SEMESTER			SCH
— **ENGL**	**1301**	**English Composition I**	**3**
— **MATH**	**2413**	**Calculus I**	**4**
— ENGR	1304	Engineering Design Graphics	3
— **COSC**	**1301**	**Microcomputer Applications**	**3**
— **GOVT**	**2301**	**American Government I**	**3**
			16

SECOND SEMESTER			
— **ENGL**	**1302**	**English Composition II**	**3**
— MATH	2414	Calculus II	4
— **GOVT**	**2302**	**American Government II**	**3**
— ENGT	2307	Engineering Materials I	3
— CHEM	1411	General Chemistry I	4
			17

THIRD SEMESTER			
— - - - -	- - - -	**Communications: Other**	**3**
— **PHYS**	**1401**	**College Physics I**	
		or	
— **PHYS**	**2425**	**Mechanics & Heat**	**4**
— ENGT	2310	Introduction to Manufacturing Processes	3
— **HIST**	**- - - -**	**Social/Behavioral Science: History**	**3**
— - - - -	- - - -	**Humanities: Visual/Performing Arts**	**3**
			16

FOURTH SEMESTER			
— ENGL	2311	Technical & Business Writing	3
— **PHYS**	**1402**	**College Physics II**	
		or	
— **PHYS**	**2426**	**Electricity, Optics, and Waves**	**4**
— - - - -	- - - -	**Humanities: Other**	**3**
— **HIST**	**- - - -**	**Social/Behavioral Science: History**	**3**
— - - - -	- - - -	**Social/Behavioral Science: Other**	**3**
— **KINE**	**- - - -**	**Health, Wellness & Kinesiology**	**1**
			17

Total Semester Credit Hours for Degree   **66**

Certificate of Completion in Mechanical Engineering Technology–MET1

FIRST SEMESTER			SCH
— ENTC	1191	Special Topics in Engineering/General	1
— ENGR	1304	Engineering Design Graphics	
		or	
— DFTG	1405	Technical Drafting	3/4
— DFTG	1409	Basic Computer - Aided Drafting	4
— ENGT	2310	Introduction to Manufacturing Processes	3
— MCHN	1452	Intermediate Machining I	4
			15/16

SECOND SEMESTER			
—●INMT	2488	Internship - Manufacturing Technology/Tech	4
— ENGT	2307	Engineering Materials I	3
— DFTG	2419	Intermediate Computer - Aided Drafting	4
— DFTG	1433	Mechanical Drafting	4
— INMT	1371	Introduction to Digital Manufacturing	3
			18

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

Mental Health Services

Associate of Applied Science in Alcohol and Drug Abuse Counseling–CA2

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 Applied Science Degree.

Prerequisites for the program include12th 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 & Other Drug Addictions	3
—	DAAC	1304	Pharmacology of Addiction	3
—	**ENGL**	**1301**	**English Composition I**	**3**
—	PSYC	2301	Introduction to Psychology	3
—	**SOCI**	**1301**	**Introductory Sociology**	**3**
				15

SECOND SEMESTER

—	DAAC	1311	Counseling Theories	3
—	DAAC	1317	Basic Counseling Skills	3
—	ENGL	1302	English Composition II or	
—	ENGL	2311	Technical Writing	3
—	- - - -	- - - -	Social/Behavioral Science	3
—	**ITSC**	**1309**	**Integrated Software Applications I**	**3**
				15

THIRD SEMESTER

—	DAAC	1309	Assessment Skill of Alcohol & Other Drug Addictions	3
—	**- - - -**	**- - - -**	**Natural Science/Mathematics**	**4**
—	**SPCH**	**- - - -**	**Oral Communications**	**3**
—	DAAC	2354	Dynamics of Group Counseling	3
				13

FOURTH SEMESTER

—	- - - -	- - - -	Elective*	3
—	DAAC	2341	Counseling Alcohol & Other Drug Addictions	3
—	DAAC	2280	Cooperative Education - Substance Abuse/ Addiction Counseling	2
—	- - - -	- - - -	Social/Behavioral Science	3
—	**- - - -**	**- - - -**	**Humanities/Fine Art**	**3**
				14

FIFTH SEMESTER — SCH

—	DAAC	2343	Current Issues	3
—	DAAC	2307	Addicted Family Intervention	3
—●	DAAC	2281	Cooperative Education - Substance Abuse/ Addiction Counseling	2
—	- - - -	- - - -	Elective*	3
				11

Total Semester Credit Hours for Degree — **68**

* *DAAC 1391 is recommended for one elective.*

Certificate of Completion in Alcohol and Drug Abuse Counseling–CA1

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 certificate.

FIRST SEMESTER — SCH

—	DAAC	1319	Introduction to Alcohol & Other Drug Addictions	3
—	DAAC	1304	Pharmacology of Addiction	3
—	DAAC	2306	Substance Abuse Prevention I	3
				9

SECOND SEMESTER

—	DAAC	1317	Basic Counseling Skills	3
—	DAAC	2353	Substance Abuse Prevention II	3
—	DAAC	1391	Special Topics in Alcohol/Drug Use Counseling - Substance Abuse Prevention Issues	3
—	DAAC	1280	Cooperative Education: Substance Abuse/ Addiction Counseling	2
				11

THIRD SEMESTER

—	DAAC	2354	Dynamics of Group Counseling	3
—	DAAC	2343	Current Issues	3
—	DAAC	2280	Cooperative Education - Substance Abuse/ Addiction Counseling	2
				8

FOURTH SEMESTER

—	DAAC	2341	Counseling Alcohol and Other Drug Addictions	3
—●	DAAC	2281	Cooperative Education - Substance Abuse/ Addiction Counseling	2
				5

Total Semester Credit Hours for Certificate — **33**

● 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. Core and Field of Study courses are shown in bold and underline type.**

✦ Students completing a high school Tech Prep Program may receive credit for indicated courses.

Certificate of Completion in Substance Abuse Prevention–SAP1

FIRST SEMESTER			SCH
— DAAC	1319	Introduction to Alcohol & Other Drug Addictions	3
— DAAC	1304	Pharmacology of Addiction	3
— DAAC	2306	Substance Abuse Prevention I	3
			9

SECOND SEMESTER			
— DAAC	1317	Basic Counseling Skills	3
— DAAC	2353	Substance Abuse Prevention II	3
— DAAC	1391	Special Topics in Alcohol/Drug Abuse Counseling - Substance Abuse Prevention Issues	3
—●DAAC	1280	Cooperative Education - Substance Abuse/ Addiction Counseling	2
			11

Total Semester Credit Hours for Certificate　　**20**

Music

Music Majors

Music majors are required to enroll in four semesters of applied music and to meet repertoire and performance requirements. Student 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

Applied Music (Music Majors)

MUAP 1289, 1290	Bass Guitar	Freshman
MUAP 2289, 2290	Bass Guitar	Sophomore
MUAP 1293, 1294	Electric Guitar	Freshman
MUAP 2293, 2294	Electric 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 objective 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, 2202
Strings-Violin

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

MUAP 1109, 1110, 2109, 2110, 1209, 1210, 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, 1122, 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, 1146, 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

Applied Music for Non-Majors

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

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

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

Associate of Arts in Music - Field of Study–MU4

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, performance by guest artists, student recitals, and other activities providing enrichment experiences for students.

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

FIRST SEMESTER			SCH
— MUSI	1311	Music Theory I*	3
— MUSI	1116	Elementary Sight Singing & Ear Training*	1
— MUSI	1181	Class Piano (or Applied Piano)	1
— MUEN	1141	Lee College Concert Choir	
		or	
— MUEN	1152	Chamber Choir	
		or	
— MUEN	1135	Jazz Ensemble	
		or	
— MUEN	1123	Baytown Symphony Orchestra	
		or	
— MUEN	1125	Concert Band	1
— MUAP	12--	Applied Music	2
— **ENGL**	**1301**	**English Composition I**	**3**
— **HIST**	**- - - -**	**Social/Behavioral Science: History**	**3**
— **KINE**	**- - - -**	**Health, Wellness & Kinesiology**	**1**
			15

SECOND SEMESTER			
— MUSI	1312	Music Theory II**	3
— MUSI	1117	Elementary Sight Singing & Ear Training II**	1
— MUSI	1182	Class Piano (or Applied Piano)	1
— MUEN	1141	Lee College Concert Choir	
		or	
— MUEN	1152	Chamber Choir	
		or	
— MUEN	1135	Jazz Ensemble	
		or	
— MUEN	1123	Baytown Symphony Orchestra	
		or	
— MUEN	1125	Concert Band	1
— MUAP	12--	Applied Music	2
— **ENGL**	**1302**	**English Composition II**	**3**
— **HIST**	**- - - -**	**Social/Behavioral Science: History**	**3**
— MUSI	1307	Survey of Music Literature**	3
			17

THIRD SEMESTER			SCH
— MUSI	2311	Music Theory III*	3
— MUSI	2116	Elementary Sight Singing & Ear Training I*	1
— MUSI	2181	Class Piano (or Applied Piano)	1
— MUEN	2141	Lee College Concert Choir	
		or	
— MUEN	1153	Chamber Choir	
		or	
— MUEN	2135	Jazz Ensemble	
		or	
— MUEN	2123	Baytown Symphony Orchestra	
		or	
— MUEN	2125	Concert Band	1
— MUAP	22--	Applied Music	2
— **GOVT**	**2301**	**American Government I**	**3**
— **MATH**	**- - - -**	**Mathematics***	**3**
— **- - - -**	**- - - -**	**Communication: Other**	**3**
			17

FOURTH SEMESTER			
— MUSI	2312	Music Theory IV**	3
— MUSI	2117	Elementary Sight Singing & Ear Training II**	1
— MUEN	2141	Lee College Concert Choir	
		or	
— MUEN	1153	Chamber Choir	
		or	
— MUEN	2135	Jazz Ensemble	
		or	
— MUEN	2123	Baytown Symphony Orchestra	
		or	
— MUEN	2125	Concert Band	1
— MUAP	22--	Applied Music	2
— **GOVT**	**2302**	**American Government II**	**3**
— **- - - -**	**- - - -**	**Natural Science**	**4**
— **COSC**	**1301**	**Microcomputer Applications**	**3**
			17

Total Semester Credit Hours for Degree   66

*   Course offered in fall semester only.
** Course offered in spring semester only.
*** Math to be chosen from MATH 1316, 1324, and 1332.

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 major 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 con-current enrollment program. Beginning, intermediate, and advanced levels of applied instruction are available. Class lessons in piano, guitar, and voice are available for "first time" registrants as a non-music major.

● Students should plan to take this capstone course in their last semester and should speak with their advisor prior to registering for the final semester. **Core curriculum courses are shown in bold type. Field of Study (FOS) courses are underlined. Core and Field of Study courses are shown in bold and underline type.**

✦ Students completing a high school Tech Prep Program may receive credit for indicated courses.

Associate of Arts in Church Music - Field of Study–CHM4

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. 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 Performance/Lecture Seminar that includes lectures, performance by guest artists, student recitals, and other activities providing enrichment experiences for students.

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

FIRST SEMESTER   SCH
—	MUSI	1311	Music Theory I*	3
—	MUSI	1116	Elementary Sight Singing & Ear Training I*	1
—	MUSI	1181	Class Piano (or Applied Piano)	1
—	MUEN	1141	Lee College Concert Choir	
			or	
—	MUEN	1152	Chamber Choir	
			or	
—	MUEN	1135	Jazz Ensemble	
			or	
—	MUEN	1123	Baytown Symphony Orchestra	
			or	
—	MUEN	1125	Concert Band	1
—	MUAP	11--	Applied Music	1
—	**ENGL**	**1301**	**English Composition I**	**3**
—	**HIST**	**- - - -**	**Social/Behavioral Science: History**	**3**
—	**KINE**	**- - - -**	**Health, Wellness & Kinesiology**	**1**
—	MUSI	1308	Music Literature I: Church Music Seminar	3
				17

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

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

FOURTH SEMESTER
—	MUSI	2312	Music Theory IV**	3
—	MUSI	2117	Elementary Sight Singing & Ear Training II**	1
—	MUEN	2141	Lee College Concert Choir	
			or	
—	MUEN	1153	Chamber Choir	
			or	
—	MUEN	2135	Jazz Ensemble	
			or	
—	MUEN	2123	Baytown Symphony Orchestra	
			or	
—	MUEN	2125	Concert Band	1
—	MUAP	22--	Applied Music	1
—	**GOVT**	**2302**	**American Government II**	**3**
—	**- - - -**	**- - - -**	**Natural Science**	**4**
—	**COSC**	**1301**	**Microcomputer Application**	**3**
				16

Total Semester Credit Hours for Degree   **66**

*   *Course offered in fall semester only.*
**   *Course offered in spring semester only.*
***   *Continue Class Piano or private lessons until piano proficiency is met.*
****   *MATH to be chosen from MATH 1316, 1324, and 1332.*

Natural Sciences

Associate of Science in Natural Science–SC3

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	- - - -	**Social/Behavioral Science: History**	3
— MATH	1414	**College Algebra (or higher)#**	4
— - - - -	- - - -	**Natural Science**	4
— - - - -	- - - -	**Communication: Other**	3
			17

SECOND SEMESTER			
— ENGL	1302	**English Composition II**	3
— HIST	- - - -	**Social/Behavioral Science: History**	3
— - - - -	- - - -	**Natural Science**	4
— - - - -	- - - -	**Computer Literacy**	3/4
— - - - -	- - - -	Natural Science*	3/4
			16/18

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 **61/66**

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, 2401, 2402, 2421
  CHEM 1411, 1412, 2423, 2425
  PHYS 1401, 1402, 2425, 2426
  GEOL 1403, 1404, 1405
  ENVIR 1401

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

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

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

● Students should plan to take this capstone course in their last semester and should speak with their advisor prior to registering for the final semester. **Core curriculum courses are shown in bold type. Field of Study (FOS) courses are underlined. Core and Field of Study courses are shown in bold and underline type.**

✦ Students completing a high school Tech Prep Program may receive credit for indicated courses.

Nursing (ADN)

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 Accredited 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–AD2

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

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

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

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

Admission requirements are monitored continuously) and may change between catalogs. Contact the Allied Health Office for most current requirements including:
- Preadmission testing
- Overall GPA in degree plan
- GPA of prerequisite courses
- GPA of natural science courses completed in the degree plan
- Number of courses completed in the degree plan
- Non-degree plan science courses completed, such as chemistry, biology, life science, pathophysiology and nutrition.
- Non-degree plan academic courses such Sociology, History, Government, Statistics
- Previous unsuccessful degree plan attempts **may** impact admission

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

FIRST SEMESTER PREREQUISITES			SCH
— BIOL	2401	Human Anatomy & 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			
— **PSYC**	**2413**	**Life Span Growth & Development***	**3**
— RNSC	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 & Physiology II***	**4**
			17

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

FOURTH SEMESTER			
—✦ITSC	**1309**	**Integrated Software Applications***	**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	2432	Enhanced Concepts of Adult Health I	4
—●RNSG	2121	Management of Client Care	1
— RNSG	2263	Clinical - Nursing: Registered Nurse Training	2
— RNSG	1146	Legal & 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 couses within 5 years of graduation*
- *Overall GPA of 2.0 in degree plan*
- *No grade of "D" or below in degree plan*

Associate of Applied Science in Nursing - Transitional Entry–TN2

Applications are taken year-round. Students are strongly encouraged to turn in applications by **January 10 for spring admission and August 1 for fall admission. No Applications will be accepted without documentation of the state required immunizations. (Contact the Allied Health Office or Counseling Center for an application packet).**

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

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

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

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

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

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

Transitional Entry Prerequisites:

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

FIRST SEMESTER			SCH
— BIOL	2401	**Human Anatomy & Physiology I**	**4**
—✦ITSC	1309	**Integraded Software Applications I**	**3**
— ENGL	1301	**English Composition I**	**3**
— PSYC	2301	**Introduction to Psychology**	**3**
			13

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

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

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

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

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

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

Total Semester Credit Hours for Degree   **71**

*   *These concepts 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 transcripted 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 couses within 5 years of graduation*
- *Overall GPA of 2.0 in degree plan*
- *No grade of "D" or below in degree plan courses*

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.

- ● 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. Core and Field of Study 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–VN1

The purpose of the Vocational Nursing Program is to prepare individuals to perform basic nursing skills as defined by the Nursing Practice Act. The Vocational Nursing Program is accredited by the Board of Nurse Examiners for the state of Texas.

Admission to the Vocational Nursing Program is based on accrual of points for meeting the following requirements within the stated time frame:

Required Points
• Apply for admission to Lee College and submitting an official transcript to the Admissions and Records Office from all colleges attended. An official high school transcript or GED certificate must be sent as well.

• Completing a VN Program application in the Allied Health Office.

• Submitting a copy of high school diploma or GED certificate to the Allied Health Office.

• Submitting a VN degree plan signed by a Lee College Counselor to the Allied Health Office.

• Submitting a statement of documented reading level after evaluated in Counseling Center.

• Complete Lee College assessment/placement tests and developmental courses, if required.

• Demonstrating competencies in Allied Health Math 210 (formerly 110) or "C" or better on advance placement test for MATH 210.

• Attending mandatory information session with VN faculty member.

Bonus Points
Beginning Fall 2009, all students will be required to take the NET Test. See the Allied Health Office for more information.

• 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 HITT 1305 which is required during the fall semester of the VN program).

• HITT 1305: Medical Terminology I. (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 points).

Applications are taken year round; students are encouraged to apply by February 1 for fall entry. A VN admission packet may be obtained in the Allied Health Office or the Counseling Center. No points are calculated for admission after May 30. 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 for the state of Texas requires schools to inform enrolled students (verbally and in writing) about eligibility requirements and to maintain students' signed receipt of the required information. The Board of Nurse Examiners has identified certain circumstances that may render a potential candidate ineligible for licensure as a registered nurse in the State of Texas. The Board provides individuals the opportunity to petition for a Declaratory Order as to their eligibility in accordance with article 4519(a) of the Nursing Practice Act. View www.bne.state.tx.us for further information and forms.

FIRST SEMESTER			SCH
—	VNSG 1423	Basic Nursing Skills	4
—	VNSG 1304	Foundations of Nursing	3
—	VNSG 1331	Pharmacology	3
—	VNSG 1227	Essentials of Medication Administration	2
—	BIOL 2404	The Human Body	4
—	VNSG 1161	Clinical - Licensed Vocational Nurse (LVN) Training	1
			17

SECOND SEMESTER			
—	HITT 1305	Medical Terminology I	3
—	VNSG 1226	Gerontology	2
—	VNSG 1429	Medical - Surgical Nursing I	4
—	VNSG 1234	Pediatrics	2
—	VNSG 1432	Medical - Surgical Nursing II	4
—	VNSG 1360	Clinical - Licensed Vocational Nurse (LVN) Training	3
			18

THIRD SEMESTER			
—	VNSG 1330	Maternal - Neonatal Nursing	3
—	VNSG 1219	Leadership & 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**

● 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. Core and Field of Study courses are shown in bold and underline type.**

✦ Students completing a high school Tech Prep Program may receive credit for indicated courses.

Paralegal Studies

Associate of Applied Science in Paralegal Studies - Tech Prep–PA2

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 & the Legal Professions	3
— LGLA	1301	Legal Research & Writing	3
— LGLA	1355	Family Law	3
			16

SECOND SEMESTER			
— **SPCH**	**1315**	**Principles of Pubic Speaking**	**3**
— **- - - -**	**- - - -**	**Humanities/Fine Arts**	**3**
— ENGL	1302	English Composition II	3
— LGLA	1353	Wills, Trusts & Probate Administration	3
— LGLA	1351	Contracts	3
— LGLA	1345	Civil Litigation	3
			18

THIRD SEMESTER			
— **GOVT**	**2301**	**American Government I**	**3**
— LGLA	2303	Torts & Personal Injury Law	3
— LGLA	- - - -	Elective+	3
— LGLA	2309	Real Property	3
— POFT	1309	Administrative Office Procedures I	3
— POFT	2301	Immediate Keyboarding	3
			18

FOURTH SEMESTER			
— **- - - -**	**- - - -**	**Natural Science**	**4**
— ACNT	1303	Introduction to Accounting I	
		or	
— BUSI	1307	Personal Finance	3
— LGLA	- - - -	Elective+	3
— LGLA	- - - -	Elective+	3
—●LGLA	2333	Advanced Legal Document Preparation	
		or	
—●LGLA	2389	Internship - Legal Assistant/Paralegal	3
— POFT	1132	Workplace Diversity	1
			17

Total Semester Credit Hours for Degree   **69**

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

Certificate of Completion in Paralegal Studies–PA1

FIRST SEMESTER			SCH
— LGLA	1301	Legal Research & Writing*	3
— LGLA	1307	Introduction to Law & the Legal Professions	3
— LGLA	1355	Family Law*	3
— LGLA	- - - -	LGLA Elective	3
			12

SECOND SEMESTER			
— LGLA	1345	Civil Litigation*	3
— LGLA	1351	Contracts	3
— LGLA	1353	Wills, Trusts & Probate Administration*	3
— LGLA	- - - -	LGLA Elective	3
			12

THIRD SEMESTER			
— LGLA	2303	Torts & Personal Injury Law	3
— LGLA	2309	Real Property*	3
—●LGLA	2333	Advanced Legal Document Preparation©*	3
			9

Total Semester Credit Hours for Certificate   **33**

©*Capstone course must be taken in the last semester of course work.*
* *Legal speciality course.*
Note: ABA requires 18 semester hours of legal speciality course work.

Pipefitting

Associate of Applied Science in Pipefitting Technology - Tech Prep–PF2

FIRST SEMESTER			SCH
—	PFPB 1350	Plumbing & 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 2407	Pipe Fabrication & Installation I	4
—	**ENGL - - - -**	**Written Communication**	3
—	- - - - - - - -	**Humanities/Fine Arts**	3
			16

THIRD SEMESTER			
—	PFPB 2408	Piping Standards & Materials	4
—	PFPB 2310	Intermediate Blueprint Reading for Pipefitters	3
—	PFPB 2441	Pipe Fabrication & Installation II	4
—	BMGT 1307	High Performance Work Teams	3
—	- - - - - - - -	Elective	3
			17

FOURTH SEMESTER			
—●	PFPB 2343	Advanced Pipe Practices	3
—	- - - - - - - -	**Social/Behavioral Science**	3
—	PFPB 2449	Field Measuring, Sketching & Layout	4
—	- - - - - - - -	Elective	3
			13

Total Semester Credit Hours for Degree — **63**

Certificate of Completion in Pipefitting Technology–PF1

FIRST SEMESTER			SCH
—	PFPB 1350	Plumbing & Pipefitting Equipment and safety	3
—	PFPB 1408	Basic Pipefitting Skills	4
			7

SECOND SEMESTER			
—	PFPB 1305	Basic Blueprint Reading for Pipefitters	3
—	PFPB 2407	Pipe Fabrication & Installation I	4
			7

THIRD SEMESTER			
—	PFPB 2408	Piping Standards & Materials	4
—	PFPB 2310	Intermediate Blueprint Reading for Pipefitters	3
—	PFPB 2441	Pipe Fabrication & Installation II	4
			11

FOURTH SEMESTER			
—●	PFPB 2343	Advanced Pipe Practices	3
			3

Total Semester Credit Hours for Certificate — **28**

Certificate of Completion in Pipefitter Helper–PH1

FIRST SEMESTER			SCH
—	PFPB 1350	Plumbing & Pipefitting Equipment and safety	3
—	PFPB 1408	Basic Pipefitting Skills	4
			7

SECOND SEMESTER			
—	PFPB 1305	Basic Blueprint Reading for Pipefitters	3
—	PFPB 2407	Pipe Fabrication & Installation I	4
			7

THIRD SEMESTER			
—●	PFPB 2310	Intermediate Blueprint Reading for Pipefitters	3
			3

Total Semester Credit Hours for Certificate — **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. Core and Field of Study courses are shown in bold and underline type.**

✦ Students completing a high school Tech Prep Program may receive credit for indicated courses.

Associate of Applied Science in Process Piping Design – PPD2

The Process Pipe Design Program is designed to provide the student with a foundation of theoretical and practical knowledge of the engineering technology field of piping design and the applied skills necessary to begin careers in the industry or to transfer to a university program. This program provides a learning environment where students can interact with state-of-the-art technological equipment and software to gain experience in the application of computer-aided drafting and design software to create, design, and analyze piping systems. Students pursuing the AAS in Process Pipe Design will be prepared for entry-level employment and transfer to a university program. All students will be prepared for life-long learning in the engineering technology field.

The Texas Gulf Coast Workforce Board has designated Pipe Drafters as a High Skill, High Growth Occupation as of July 2008. Pipe drafters are also a targeted job, by Texas Workforce Commission in the Gulf Coast area with projected employment in 2014 to be equal to or greater than the average for all occupations in the region and a projected growth rate equal to or greater than the average in the region. Median hourly wages are equal to or greater than the median for all occupations in the region with a designated minimum education requirement of a post secondary degree or certificate, long-term on the job training, or experience in a related occupation.

FIRST SEMESTER — SCH

—	**DFTG**	**1409**	**Basic Computer - Aided Drafting**	**4**
—	ENGR	1304	Engineering Design Graphics	
			or	
—	DFTG	1405	Technical Drafting	3/4
—	TECM	1349	Technical Math Applications	3
—	PTAC	1410	Process Technology I - Equipment	4
—	**ENGL**	**1301**	**English Composition I**	**3**
				17/18

SECOND SEMESTER

—	PFPB	2449	Field Measuring, Sketching & Layout	4
—	DFTG	2419	Intermediate CAD	4
—	DFTG	2408	Instrumentation Drafting	4
—	**PHYS**	**1405**	**General Physics**	**4**
				16

THIRD SEMESTER

—	DFTG	2423	Pipe Drafting - 3D	4
—	DFTG	2432	Advanced CAD - 3D	4
—	ENGT	2307	Engineering Materials I	3
—	ENTC	1343	Statics	3
—	**SPCH**	**- - - -**	**Oral communication**	**3**
				17

FOURTH SEMESTER

—	DFTG	2442	Advanced Pipe Drafting - 3D	4
—	DFTG	2371	Advanced Technology Process Plant Design I	3
—●	DFTG	2438	Final Project - Advanced Drafting	
			or	
—●	DFTG	2486	Drafting Internship	4
—	- - - -	- - - -	**Humanities/Fine Arts**	**3**
—	- - - -	- - - -	**Social/Behavioral Science**	**3**
				17

Total Semester Credit Hours for Degree — **67/68**

Certificate of Completion in Process Instrumentation and Electrical Design – PIED1

The Process Instrumentation and Electrical Design Certificate is designed to provide the student with a foundation of computer-aided drafting and design (CADD) skills in tandem with practical field knowledge of process instrumentation and electrical applications. In addition to the classroom activities, this program provides hands-on interaction with process instrumentation and electrical equipment in the field as a foundation for application of drafting and design projects in the classroom. Students pursuing the Certificate of Completion in Process Instrumentation and Electrical Design will be prepared for entry-level employment in I&E design and have a foundation of courses to apply toward the AAS in CADD Engineering Technology.

FIRST SEMESTER — SCH

—●	DFTG	1409	Basic Computer - Aided Drafting	4
—	DFTG	1405	Technical Drafting	4
—	CETT	1302	Electricity Principles	3
—	INTC	1312	Instrumentation & Safety	3
				14

SECOND SEMESTER

—	DFTG	2419	Intermediate CAD	4
—	DFTG	2408	Instrumentation Drafting	4
—	DFTG	2407	Electrical Drafting	4
—	PTAC	1332	Process Instrumentation I	3
				15

Total Semester Credit Hours for Certificate — **29**

Process Technology

Associate of Applied Science in Process Technology - Tech Prep–PT2

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 & 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	2438	Process Technology III - Operations	4
—	TECM	- - - -	Technical Math Selection	3
—	PTAC	2420	Process Technology II - Systems	4
—	PTAC	2314	Principles of Quality	3
—	- - - -	- - - -	Elective**	3/4
				17/18

THIRD SEMESTER				
—	**PHYS**	- - - -	**Physics Selection**	**4**
—	- - - -	- - - -	Elective**	3/4
—	- - - -	- - - -	**Written Communications**	**3**
—	**SPCH**	- - - -	**Oral Communications**	**3**
				13/14

FOURTH SEMESTER				
—●	PTAC	2446	Process Troubleshooting*	4
—	ENGT	2310	Introduction to Manufacturing Processes	3
—	- - - -	- - - -	**Social/Behavioral Science**	**3**
—	- - - -	- - - -	**Humanities/Fine Arts**	**3**
				13

Total Semester Credit Hours for Degree   **60/62**

*   *PTAC 2446 will satisfy Computer Literacy Core.*
** Elective may be chosen from OSHT courses or CTEC 2386.

Certificate of Completion in Process Technology–PT1

FIRST SEMESTER				SCH
—	PTAC	1302	Introduction to Process Technology	3
—	TECM	1341	Technical Algebra	3
—	PTAC	1410	Process Technology I: Equipment	4
—	PTAC	1332	Process Instrumentation I	3
—	SCIT	1414	Applied General Chemistry I	4
				17

SECOND SEMESTER				
—	PTAC	2314	Principles of Quality	3
—	PTAC	2420	Process Technology II - Systems	4
—	PTAC	2446	Process Troubleshooting	4
—●	PTAC	2438	Process Technology III - Operations	4
—	PTAC	1308	Safety, Health & Environment I	3
				18

Total Semester Credit Hours for Certificate   **35**

Professional Administrative Specialist Technology

Associate of Applied Science in Professional Administrative Specialist - Tech Prep–OT2

The Professional Administrative Specialist Technology Program prepare students for administration support careers in today's businesses.

FIRST SEMESTER			SCH
— POFT	1301	Business English	3
— POFT	1309	Administrative Office Procedures I	3
— POFT	1321	Business Math	3
— POFT	1127	Introduction to Keyboarding	1
		or	
— POFT	1132	Workplace Diversity**	
— POFI	2301	Word Processing	3
— - - - -	- - - -	**Humanities/Fine Arts**	**3**
			16

SECOND SEMESTER			
— **ENGL**	**1301**	**English Composition I**	**3**
—✦POFT	2301	Intermediate Keyboarding*	3
— POFT	1349	Administrative Office Procedures II	3
		or	
— POFT	1366	Practicum (or Field Experience) - General Office Occupations & Clerical Services	
— 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	1367	Practicum (or Field Experience) - General Office Occupations & Clerical Services	
		or	
— POFI	2331	Desktop Publishing	3
— **POFI**	**1401**	**Computer Applications I**	**4**
— **SPCH**	**- - - -**	**Oral Communications**	**3**
			16

FOURTH SEMESTER			
— - - - -	- - - -	**Natural Science/Mathematics**	**4**
—●POFT	2331	Administrative Systems	
		or	
—●POFT	2366	Practicum (or Field Experience) - General Office Occupations & Clerical Services	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.
**Professional Administrative Specialist Technology major should enroll in POFT 1132.

Certificate of Completion in Administrative Specialist I, Administrative Specialist II, and Administrative Specialist III

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 word 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 Administrative Specialist I–OA1

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

Certificate of Completion in Administrative Specialist II–AA1

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	
		or	
—●POFT	1366	Practicum (or Field Experience) - General Office Occupations & Clerical Services	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 III–O21

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   SCH
—   POFT   1349   Administrative Office Procedures II
                  or
—   POFT   1366   Practicum (or Field Experience) -   3
                  General Office Occupations &
                  Clerical Services
—   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
                  or
—●POFT   2366   Practicum (or Field Experience) -   3
                  General Office Occupations &
                  Clerical Services
—   POFI   2331   Desktop Publishing   3
—   POFI   1349   Spreadsheets   3
—   POFI   1341   Computer Applications II   3
                                                            12
Total Semester Credit Hours for Certificate   **41**

Safety Management

Associate of Applied Science in Safety - Management Technology–SM2

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

FIRST SEMESTER			SCH
— OSHT	1301	Introduction to Safety & Health	3
— TECM	1341	Technical Algebra	3
— OSHT	1309	Physical Hazards Control	3
— OSHT	1313	Accident Prevention, Inspection & Investigation	3
— SCIT	1414	Applied General Chemistry I	4
		16

SECOND SEMESTER | | |
--- | --- | --- | ---
— OSHT | 1316 | Material Handling | 3
— OSHT | 1321 | Fire Protection Systems | 3
— - - - - | - - - - | Technical Elective | 3
— - - - - | - - - - | **Written Communications** | **3**
— - - - - | - - - - | **Natural Science** | **4**
| | | **16**

THIRD SEMESTER | | |
--- | --- | --- | ---
— OSHT | 2309 | Safety Program Management | 3
—●OSHT | 2401 | OSHA Regulations - General Industry | 4
— - - - - | - - - - | Technical Elective | 3
— PTAC | 2314 | Principles of Quality | 3
| | | **13**

FOURTH SEMESTER | | |
--- | --- | --- | ---
— **ITSC** | **1309** | **Integrated Software Applications I** | **3**
— **SPCH** | **1315** | **Principles of Public Speaking** | **3**
— - - - - | - - - - | Technical Elective | 3
— - - - - | - - - - | **Humanities: Visual/Performing Arts** | **3**
— - - - - | - - - - | **Social/Behavioral Science** | **3**
| | | **15**

Total Semester Credit Hours for Degree   **60**

Certificate of Completion in Safety Management Technology–SM1

FIRST SEMESTER			SCH
— OSHT	1301	Introduction to Safety & Health	3
— OSHT	1309	Physical Hazards Control	3
— OSHT	1313	Accident Prevention, Inspection & Investigation	3
— SCIT	1414	Applied General Chemistry I	4
— TECM	1341	Technical Algebra or
— TECM	1349	Technical Math Applications	3
		16

SECOND SEMESTER | | |
--- | --- | --- | ---
— OSHT | 1316 | Material Handling | 3
— OSHT | 1321 | Fire Protection Systems | 3
— PTAC | 2314 | Principles of Quality | 3
—●OSHT | 2401 | OSHA Regulations - General Industry | 4
— OSHT | 2309 | Safety Program Management | 3
| | | **16**

Total Semester Credit Hours for Certificate   **32**

● Students should plan to take this capstone course in their last semester and should speak with their advisor prior to registering for the final semester. **Core curriculum courses are shown in bold type. Field of Study (FOS) courses are underlined. Core and Field of Study courses are shown in bold and underline type.**

✦ Students completing a high school Tech Prep Program may receive credit for indicated courses.

Social Science

Associate of Arts in Social Science–SS4

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

FIRST SEMESTER			SCH
— ENGL	1301	**English Composition I**	3
— HIST	- - - -	**Social/Behavioral Science: History**	3
— - - - -	- - - -	**Natural Science**	4
— MATH	1414	**College Algebra (or more advanced)**	
		or	
— MATH	1332	**Contemporary Mathematics I**	3/4
— - - - -	- - - -	**Computer Literacy**	3/4
			16/18

SECOND SEMESTER			
— ENGL	1302	**English Composition II**	3
— HIST	- - - -	**Social/Behavioral Science: History**	3
— - - - -	- - - -	**Natural Science**	4
— SPCH	1315	**Principles of Public Speaking**	3
— - - - -	- - - -	Elective	3
			16

THIRD SEMESTER			
— GOVT	2301	**American Government I**	3
— - - - -	- - - -	**Humanities: Visual/Performing Arts**	3
— ENGL	- - - -	Literature	3
— SOCI	1301	Introductory Sociology	3
— PSYC	2301	**Introduction to Psychology**	3
— KINE	- - - -	**Health, Wellness & Kinesiology**	1
			16

FOURTH SEMESTER			
— GOVT	2302	**American Government II**	3
— - - - -	- - - -	**Humanities: Other**	3
— SOCI	2319	Multi-Cultural Studies	3
— - - - -	- - - -	Social Science Elective	3
— ECON	2301	Principles of Economics: Macroeconomics	
		or	
— ECON	2302	Principles of Economics: Microeconomics	3
			15

Total Semester Credit Hours for Degree   **63/65**

Social Work

Associate of Arts in Social Work–SW4

FIRST SEMESTER			SCH
— ENGL	1301	**English Composition I**	3
— HIST	- - - -	**Social/Behavioral Science: History**	3
— - - - -	- - - -	**Natural Science***	4
— MATH	1414	**College Algebra**	
		or	
— MATH	1332	**Contemporary Mathematics I**	3/4
— SOCI	1301	Introductory Sociology	3
			16/17

SECOND SEMESTER			
— ENGL	1302	**English Composition II**	3
— HIST	- - - -	**Social/Behavioral Science: History**	3
— PSYC	2301	**Introduction to Psychology**	3
— - - - -	- - - -	**Humanities: Other****	3
— - - - -	- - - -	**Natural Science**	4
			16

THIRD SEMESTER			
— GOVT	2301	**American Government I**	
		or	
— 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**	
		or	
— GOVT	2302	**American Government II**	3
— - - - -	- - - -	**Humanities: Visual & Performing Arts**	3
— SPCH	1315	**Principles of Public Speaking**	3
— SOCI	1306	Social Problems	3
— SOCW	2362	Social Welfare as a Social Institution	3
			15

Total Semester Credit Hours for Degree   **63/65**

*   *Biology Recommended.*
** *Humanities or Philosophy.*

Spanish

Associate of Arts in Spanish–SP4

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 prerequisites. 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	- - - -	**Social/Behavioral Science: History**	3
— SPAN	1411	Beginning Spanish	4
			13

SECOND SEMESTER			
— ENGL	1302	**English Composition II**	3
— MATH	1414	**College Algebra**	
		or	
— MATH	1332	**Contemporary Mathematics I**	3/4
— HIST	- - - -	**Social/Behavioral Science: History**	3
— SPAN	1412	Intermediate Spanish	4
— KINE	- - - -	**Health, Wellness & Kinesiology**	1
— - - - -	- - - -	Elective Outside of 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**

Speech

Associate of Arts in
Speech Communication–SPC4

This degree focuses on the scientific, humanistic, and critical study of human communication in a variety of formats, media, and contexts. It includes instruction in the theory and practice of interpersonal, group, organizational, professional, and intercultural communication; speaking and listening; verbal and nonverbal interaction; rhetorical theory and criticism; performance studies; argumentation and persuasion; technologically mediated communication; popular cultural; and various contextual applications.

FIRST SEMESTER			SCH
—	**SPCH**	**1311** **Introduction to Speech Communication**	**3**
—	**ENGL**	**1301** **English Composition I**	**3**
—	**- - - -**	**- - - -** **Computer Literacy***	**3/4**
—	**HIST**	**1301** **U.S. History to 1877**	**3**
—	**- - - -**	**- - - -** **Natural Science**	**4**
			16/17

SECOND SEMESTER			
—	SPCH	1315 Public Speaking	3
—	SPCH	1318 Interpersonal Communication	3
—	**ENGL**	**1302** **English Composition II**	**3**
—	**HIST**	**1302** **U.S. History Since 1877**	**3**
—	**KINE**	**- - - -** **Health, Wellness & Kinesiology**	**1**
—	**MATH**	**1414** **College Algebra**	
		or	
—	**MATH**	**1332** **Contemporary Mathematics**	**3/4**
			16/17

THIRD SEMESTER			
—	SPCH	1321 Business & Professional Communication	3
—	SPCH	2335 Argumentation & Debate	
		or	
—	SPCH	2341 Oral Interpretation	3
—	**GOVT**	**2301** **American Government I**	**3**
—	PSYC	2301 Introduction to Psychology	3
—	**- - - -**	**- - - -** **Humanities: Other#**	**3**
			15

FOURTH SEMESTER			
—	SPCH	2333 Discussion & Small Group Communication	3
—	**GOVT**	**2302** **American Government II**	**3**
—	**- - - -**	**- - - -** **Humanities: Visual/Performing Arts##**	**3**
—	**- - - -**	**- - - -** **Social/Behavioral Science: Other****	**3**
—	**- - - -**	**- - - -** **Natural Science**	**4**
			16

Total Semester Credit Hours for Degree   **63/65**

*   *Suggested BCIS 1405.*
** *Suggested SOCI 1301.*
\#   *Suggested PHIL 2306.*
\#\# *Suggested DRAM 1310.*

● 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. Core and Field of Study 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–TR3

Students will meet core curriculum requirements and choose an area of concentration to prepare for upper division coursework where more specific fields of study are not available through AA, AS, or AAT degrees offered by Lee College. Electives in the concentration must be chosen from academic courses in the same rubric (exceptions need an instructional dean's approval); technical courses do not apply. Academic courses are listed in the State of Texas Academic Course Guide Manual found at:

www.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	1332	**Contemporary Mathematics**	
			or	
—	MATH	1414	**College Algebra (or more advanced)**	3/4
—	HIST	- - - -	**Social/Behavioral Science: History**	3
—	- - - -	- - - -	**Computer Literacy**	3/4
—	- - - -	- - - -	Elective*	3
				15/17

			SECOND SEMESTER	
—	ENGL	1302	**English Composition II**	3
—	HIST	- - - -	**Social/Behavioral Science: History**	3
—	- - - -	- - - -	**Social/Behavioral Science: Other**	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   **60/64**

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

Visual Arts

Associate of Arts in Visual Arts–VA4

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	
		or	
— ARTS	1304	Art History II	3
— ARTS	1311	Design I*	3
— ARTS	1316	Drawing I	3
— **ENGL**	**1301**	**English Composition I**	**3**
— **HIST**	**- - - -**	**Social/Behavioral Science: History**	**3**
			15

SECOND SEMESTER			
— ARTS	1303	Art History I	
		or	
— 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**	**- - - -**	**Social/Behavioral Science: History**	**3**
— **- - - -**	**- - - -**	**Communication: Other**	**3**
— **- - - -**	**- - - -**	**Social/Behavioral Science: Other**	**3**
— **KINE**	**- - - -**	**Health, Wellness & Kinesiology**	**1**
			19

FOURTH SEMESTER			
— **GOVT**	**2302**	**American Government II**	**3**
— **COSC**	**1301**	**Microcomputer Applications**	**3**
— **- - - -**	**- - - -**	**Natural Science**	**4**
— **MATH**	**- - - -**	**Mathematics****	**3**
— ARTS	- - - -	Elective	3
			16

Total Semester Credit Hours for Degree   66

● 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. Core and Field of Study courses are shown in bold and underline type.**

✦ Students completing a high school Tech Prep Program may receive credit for indicated courses.

Visual Arts: Imaging

Associate of Arts in Visual Arts: Imaging–VI4

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

FIRST SEMESTER				SCH
—	**ENGL**	**1301**	**English Composition I**	3
—		- - - -	**Social/Behavioral Science: History**	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**	- - - -	**Social/Behavioral Science: History**	3
—	- - - -	- - - -	**Communication: Other**	3
—	**COSC**	**1301**	**Microcomputer Applications**	3
—	ARTS	2314	Design Communications II	3
—	ARTS	1311	Design I*	3
				18

THIRD SEMESTER				
—	**GOVT**	**2301**	**American Government I**	
			or	
—	**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**	
			or	
—	**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.*
** *Math to be chosen from MATH 1316, 1324, or 1332.*

Welding

Associate of Applied Science in Welding Technology - Tech Prep–WE2

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 & 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–WE1

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 & 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 Inspection Technology–WI1

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**