

**DEGREE PLAN OPTIONS  
2017-2018**

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## INSTRUCTIONAL DIVISIONS

The instructional programs at Hill College are organized into divisions. The names of the divisions and the subject areas in each division follow:

### Division of Mathematics and Sciences

Agriculture  
Athletic Trainer  
Biology  
Chemistry  
Developmental Mathematics  
Education  
General Studies  
Engineering  
Foreign Languages  
Geology  
Mathematics  
Physical Education/Kinesiology  
Physics

### Division of Arts and Humanities

Art  
Behavioral Sciences  
Developmental English  
Developmental Reading  
Drama  
Economics  
English  
Geography  
Government (Political Sciences)  
History  
Humanities  
Music  
Psychology  
Social Sciences  
Sociology  
Speech

## **Division of Health and Community Services**

A.D.N. Program  
A.D.N. Transition Program  
Child Care  
Cosmetology  
Diagnostic Medical Sonography  
Diagnostic Medical Sonography/Echocardiography  
Emergency Medical Services Professions  
Fire Technology  
L.V.N to A.D.N. Transition Program  
Vocational Nursing

## **Division of Career & Technical Education/Workforce Education**

Automotive  
Business Administration & Management (includes accounting)  
Computer Science  
Criminal Justice  
Drug/Alcohol Abuse  
Heating, Ventilation & Air Conditioning (HVAC)  
Industrial Maintenance  
Medical Office Management  
Office Administration Technology  
Welding

## CORE CURRICULUM

The Hill College 42-hour core curriculum is designed primarily for students who desire to continue their education at a four-year college or university. The core components of the 42-hour core curriculum are part of the Associate of Arts, Associate of Science and Associate of Arts in Teaching degrees.

If you successfully complete the 42-hour core curriculum at Hill College, the entire 42-semester credit hour package will transfer to any other public college or university in Texas as the core requirements. If you do not successfully complete the 42-hour core curriculum, your credits will transfer, but the receiving institution may ask you to take additional courses to fulfill the core requirements.

CORE CURRICULUM			
Core Component			Hours
<b>ENGLISH</b>			<b>6.00</b>
<b>SELECT BOTH COURSES</b>			
ENGL	1301	Composition I	
ENGL	1302	Composition II	
<b>MATHEMATICS</b>			<b>3.00</b>
<b>SELECT ONE COURSE</b>			
MATH	1314	College Algebra (3 SCH version)	
MATH	1316	Plane Trigonometry	
MATH	1324	Mathematics for Business & Social Sciences I (Finite Mathematics)	
MATH	1325	Mathematics for Business & Social Sciences II (Bus. Calculus, 3 SCH version)	
MATH	1342	Elementary Statistical Methods (3 SCH version, freshman level)	
MATH	2412	Pre-Calculus Math (4 SCH version)	
MATH	2413	Calculus I (4 SCH version)	
<b>LIFE &amp; PHYSICAL SCIENCES</b>			<b>6.00</b>
<b>SELECT TWO COURSES</b>			
BIOL	1406	Biology for Science Majors I (lecture + lab)	
BIOL	1407	Biology for Science Majors II (lecture + lab)	
BIOL	1408	Biology for Non-Science Majors I (lecture + lab)	
BIOL	1409	Biology for Non-Science Majors II (lecture + lab)	
BIOL	1411	General Botany (lecture + lab)	
BIOL	2401	Anatomy & Physiology I (lecture + lab)	
BIOL	2402	Anatomy & Physiology II (lecture + lab)	
BIOL	2406	Environmental Biology (lecture + lab)	
CHEM	1406	Introductory Chemistry I (lecture + lab, allied health emphasis)	
CHEM	1411	General Chemistry I (lecture + lab)	
CHEM	1412	General Chemistry II (lecture + lab)	
ENVR	1401	Environmental Science I (lecture + lab) (Course cannot be taken with GEOL1405)	
GEOL	1401	Earth Sciences I (lecture + lab)	
GEOL	1402	Earth Sciences II (lecture + lab)	
GEOL	1403	Physical Geology (lecture + lab)	
GEOL	1404	Historical Geology (lecture + lab)	
GEOL	1405	Environmental Geology (lecture + lab) (Course cannot be taken with ENVR1401)	
GEOL	1445	Oceanography (lecture + lab)	
GEOL	1447	Meteorology (lecture + lab)	
PHYS	1401	College Physics I (lecture + lab)	
PHYS	1402	College Physics II (lecture + lab)	

PHYS	1403	Stars and Galaxies (lecture + lab)	
PHYS	1404	Solar System (lecture + lab)	
PHYS	2425	University Physics I (lecture + lab)	
PHYS	2426	University Physics II (lecture + lab)	
<b>LANGUAGE, PHILOSOPHY &amp; CULTURE</b>			<b>SELECT ONE COURSE</b>
			<b>3.00</b>
ENGL	2322	British Literature I	
ENGL	2323	British Literature II	
ENGL	2327	American Literature I	
ENGL	2328	American Literature II	
ENGL	2331	World Literature (single-semester course)	
ENGL	2332	World Literature I	
ENGL	2333	World Literature II	
HUMA	1301	Introduction to the Humanities I	
HUMA	1302	Introduction to the Humanities II	
SPAN	2311	Intermediate Spanish I (3rd semester Spanish)	
SPAN	2312	Intermediate Spanish II (4th semester Spanish)	
<b>CREATIVE ARTS</b>			<b>SELECT ONE COURSE</b>
			<b>3.00</b>
ARTS	1301	Art Appreciation	
ARTS	1303	Art History I	
ARTS	1304	Art History II	
DRAM	1310	Introduction to Theater	
DRAM	2366	Development of the Motion Picture I (may also be single-semester course)	
MUSI	1306	Music Appreciation	
MUSI	1308	Music Literature I	
MUSI	1310	American Music	
<b>AMERICAN HISTORY</b>			<b>SELECT BOTH COURSES</b>
			<b>6.00</b>
HIST	1301	United States History I	
HIST	1302	United States History II	
<b>GOVERNMENTAL/POLITICAL SCIENCES</b>			<b>SELECT BOTH COURSES</b>
			<b>6.00</b>
GOVT	2305	Federal Government (Federal constitution & topics)	
GOVT	2306	Texas Government (Texas constitution & topics)	
<b>SOCIAL &amp; BEHAVIORAL SCIENCES</b>			<b>SELECT ONE COURSE</b>
			<b>3.00</b>
ECON	2301	Principles of Macroeconomics	
ECON	2302	Principles of Microeconomics	
PSYC	2301	General Psychology	
PSYC	2314	Lifespan Growth & Development	
SOCI	1301	Introductory Sociology	
SOCI	1306	Social Problems	
SOCI	2301	Marriage & the Family	
<b>COMPONENT AREA OPTION</b>			<b>SELECT BOTH COURSES</b>
			<b>6.00</b>
BCIS	1305	Business Computer Applications (3 SCH version)	
SPCH	1315	Public Speaking	
<b>Total Core Curriculum</b>			<b>42.00</b>

## TRANSFER DEGREE PLAN OPTIONS

Several suggested courses of study are given in the pages that follow. In general, all students working toward a Bachelor's degree should follow the Associate of Arts, Associate of Science or Associate of Arts in Teaching degree plan suggestions.

These recommended programs of study do not reflect an articulation agreement with specific universities nor any formal fields of study approved by the Texas Higher Education Coordinating Board. Transferability and specific requirements can be determined only by the receiving institution. Students should consult an academic advisor prior to enrollment or early in their program of study. Associate of Arts and Science degrees are 60 credit hours in length with 42 credit hours of Core Curriculum and 18 credit hours of electives courses.

Please refer to Chapter VI, Graduation Requirements for a listing of the official requirements for an Associate of Arts, Associate of Science and Associate of Arts in Teaching degree.

### Undecided Majors

Students who are undecided about a major field of study and who are planning to transfer to a senior institution are strongly advised to complete the Hill College Core Curriculum. In addition, undecided majors should follow the Liberal Arts in Associate of Arts or General Studies in Associate of Science degrees. Students planning to transfer to a senior college or university are advised to secure a copy of that institution's catalog and use it for additional guidance in course selection.

Variations in the course of study given and additional courses of study are quite possible and can be determined with assistance from the Academic Advising and Success Center. Students are advised to choose electives on the basis of their possible major field of study.

## ASSOCIATE OF ARTS

The Associate of Arts (AA) program is an **academic transfer degree** designed for students who will ultimately be pursuing a Bachelor's degree at a four-year college/university that is not math or science oriented.

[Liberal Arts](#)

[Art](#)

[Behavioral Sciences](#)

[Computer Science](#)

[Drama](#)

[Foreign Languages](#)

[Physical Education](#)

[Speech](#)

[Agriculture](#)

[Athletic Trainer](#)

[Business](#)

[Criminal Justice](#)

[English](#)

[Music \(Field of Study\)](#)

[Social Sciences](#)

### General Graduation Requirements

- The student must complete a minimum of 60 semester credit hours.\*
- The student must complete all core curriculum/general education requirements for graduation.
- The student must complete at least three or four electives in their major or the major of Liberal Arts will be awarded.
- The student must satisfy the Texas Success Initiative (TSI) requirements in reading, writing and mathematics, unless exempted.
- The student must earn at least 25 percent of the credit hours required for the degree at Hill College.
- The student must have a 2.0 grade point average on all work from Hill College.
- The student must have satisfactorily settled all college financial obligations.

\* Developmental courses may not be counted or used as hours toward the Associate of Arts degree.



## DEGREE PLAN SUGGESTIONS

### Liberal Arts Associate of Arts

Major Code: 9999	Credit Hours
<b>Core Curriculum</b> ( <i>See Degree Plans for course details</i> )	<b>42</b>
English	6
Mathematics	3
Life & Physical Sciences	6
Language, Philosophy & Culture	3
Creative Arts	3
American History	6
Government/Political Sciences	6
Social & Behavioral Sciences	3
Component Area Option	6
<b>Electives Total</b>	<b>18</b>
Electives from Core ( <b>Science and/or Math labs hours</b> )	2 / 3
5/6 General Electives Courses	15 / 16
<b>Total Liberal Arts Degree</b>	<b>60</b>

**Agriculture  
Associate of Arts**

Major Code: 3011	Credit Hours
<b>Core Curriculum</b> (See Degree Plans for course details)	<b>42</b>
English	6
Mathematics	3
Life & Physical Sciences	6
Language, Philosophy & Culture	3
Creative Arts	3
American History	6
Government/Political Sciences	6
Social & Behavioral Sciences	3
Component Area Option	6
<b>Electives Total</b>	<b>18</b>
Electives from Core ( <b>Science and/or Math labs hours</b> )	2/3
<b>Agriculture Electives</b>	<b>15/16</b>
Select 15/16 Hours from below:	
AGRI1131      The Agriculture Industry	1
AGRI1319      Animal Science	3
AGRI1307      Agronomy	3
AGRI2317      Intro. to Agriculture Economics	3
AGRI            Agriculture Elective	3
AGRI            Agriculture Elective	3
<b>Total Agriculture Degree</b>	<b>60</b>

**Art  
Associate of Arts**

Major Code:1011	Credit Hours
<b>Core Curriculum (See Degree Plans for course details)</b>	<b>42</b>
English	6
Mathematics	3
Life & Physical Sciences	6
Language, Philosophy & Culture	3
Creative Arts	3
<i>Required ARTS1301 Art Appreciation</i>	
American History	6
Government/Political Sciences	6
Social & Behavioral Sciences	3
Component Area Option	6
<b>Electives Total</b>	<b>18</b>
Electives from Core ( <b>Science and/or Math labs hours</b> )	2 / 3
<b>Traditional Art Track Electives</b>	<b>15/16</b>
ARTS1316      Drawing I	3
ARTS1311      Design I	3
ARTS1317      Drawing II	3
ARTS1312      Design II	3
<i>One Hour Elective, if Needed</i>	1
<b>Select One Course Below</b>	<b>3</b>
ARTS1303 <i>Art History I</i>	
ARTS1304 <i>Art History II</i>	
<b>Total Traditional Art Degree</b>	<b>60</b>
<b>Digital Media Art Track Electives</b>	<b>15/16</b>
ARTS1316      Drawing I	3
ARTS1311      Design I	3
ARTS2348      Digital Art I	3
ARTS2349      Digital Art II	3
ARTS2356      Photography I	3
<i>One Hour Elective, if needed</i>	1
<b>Total Digital Media Art Degree</b>	<b>60</b>

**Athletic Trainer  
Associate of Arts**

**Contact athletic trainer/instructor for additional information.**

Major Code: 5041	Credit Hours
<b>Core Curriculum (See Degree Plans for course details)</b>	<b>42</b>
English	6
Mathematics <i>Recommended MATH1314</i>	3
Life & Physical Sciences <i>Recommended BIOL2401 and BIOL2402</i>	6
Language, Philosophy & Culture	3
Creative Arts	3
American History	6
Government/Political Sciences	6
Social & Behavioral Sciences <i>Recommended PSYC2301</i>	3
Component Area Option	6
<b>Electives Total</b>	<b>18</b>
Electives from Core ( <b>Science and/or Math labs hours</b> )	2
<b>Athletic Trainer Electives</b>	<b>16</b>
PHED2356      Care & Prevention of Athlete Injury	3
PHED 1113      Athletic Training I	1
PHED 1129      Athletic Training II	1
PHED 2113      Athletic Training III	1
PHED 2129      Athletic Training IV	1
PHED1301      Foundations of Kinesiology	3
PHED1304      Personal/Community Health I	3
PHED1338      Concepts of Physical Fitness	3
<b>Total Athletic Trainer Degree</b>	<b>60</b>

**Behavioral Science  
Associate of Arts**

Major Code: 2051	Credit Hours
<b>Core Curriculum</b> (See Degree Plans for course details)	<b>42</b>
English	6
Mathematics (Recommended MATH 1342)	3
Life & Physical Sciences	6
Language, Philosophy & Culture (Recommended SPAN 2311 or 2312)	3
Creative Arts	3
American History	6
Government/Political Sciences	6
Social & Behavioral Sciences	3
Required Psychology Track SOCI 1301, SOCI 1306 or SOCI 2301	
Required Sociology Track: PSYC 2301, PSYC 2314 or ECON 2301	
Required Social Work & Interdisciplinary Track: SOCI 1306	
Component Area Option	6
<b>Electives Total</b>	<b>18</b>
Electives from Core ( <b>Science and/or Math labs hours</b> )	2 / 3
<b>Psychology Track Electives</b>	<b>15/16</b>
<b>Select 15/16 hours from below</b>	
PSYC1100                      Learning Frameworks (1 hour only)	1
PSYC 2301                    General Psychology ( <b>REQUIRED</b> )	3
PSYC Electives <sup>1,2</sup>	12
<b>Sociology Track Electives</b>	<b>15/16</b>
<b>Select 15/16 hours from below</b>	
PSYC1100                    Learning Frameworks (1 hour only)	1
SOCI 1301                    Introductory Sociology ( <b>REQUIRED</b> )	3
SOCI Electives <sup>1</sup>	12
<b>Social Work &amp; Interdisciplinary Mental Health Track Electives</b>	<b>15/16</b>
<b>Select 15/16 hours from below</b>	
PSYC1100                    Learning Frameworks (1 hour only)	1
PSYC 2301                    General Psychology ( <b>REQUIRED</b> )	3
SOCI 1301                    Introductory Sociology ( <b>REQUIRED</b> )	3
SOCW 2361                    Intro to Social Work ( <b>REQUIRED</b> )	3
PSYC or SOCI Electives <sup>1,2</sup>	6
<b>Total Behavioral Science Degree</b>	<b>60</b>

<sup>1</sup> Students may count the cross-listed courses, PSYC 2319/SOCI 2326 Social Psychology and PSYC 2306/SOCI 2306 Human Sexuality, towards any major track, regardless of which course prefix appears on their transcripts.

<sup>2</sup> Students may not count PSYC 1300 Learning Frameworks (3 Credit Hours) towards any Behavioral Science major track.

**Business  
Associate of Arts**

Major Code: 4021	Credit Hours
<b><u>Core Curriculum</u> (See Degree Plans for course details)</b>	<b>42</b>
English	6
Mathematics	3
<i>Recommended MATH1324 Mathematics for Bus. &amp; Social Sciences</i>	
Life & Physical Sciences	6
Language, Philosophy & Culture	3
Creative Arts	3
American History	6
Government/Political Sciences	6
Social & Behavioral Sciences	3
<i>Recommended ECON2302 Principles of Microeconomics</i>	
Component Area Option	6
<b>Electives Total</b>	<b>18</b>
Electives from Core ( <b>Science and/or Math labs hours</b> )	2
<b>Business Electives</b>	<b>16</b>
ACCT2301 Principles of Financial Accounting	3
ACCT2302 Principles of Managerial Accounting	3
BUSI1301 Business Principles	3
BUSI 2301 Business Law	3
ECON2301 Principles of Macroeconomics	3
1 Activity PHED Course	1
<b>Total Business Degree</b>	<b>60</b>

**Computer Science  
Associate of Arts**

Major Code: 4031	Credit Hours
<b>Core Curriculum (See Degree Plans for course details)</b>	<b>42</b>
English	6
Mathematics <i>Recommended MATH1324</i>	3
Life & Physical Sciences <i>Recommended PHYS1401 and PHYS1402</i>	6
Language, Philosophy & Culture	3
Creative Arts	3
American History	6
Government/Political Sciences	6
Social & Behavioral Sciences <i>Recommended ECON2302</i>	3
Component Area Option	6
<b>Electives Total</b>	<b>18</b>
Electives from Core ( <b>Science and/or Math labs hours</b> )	2
<b>Computer Science Electives</b>	<b>16</b>
PSYC1100      Learning Frameworks	1
COSC 2325      Computer Organization	3
COSC1436      Programming Fund I	4
COSC1437      Programming Fund II	4
MATH1325      Mathematics for Bus. & Social Sciences II	3
PHED            1 Hour Activity PHED	1
<b>Total Computer Science Degree</b>	<b>60</b>

**Criminal Justice  
Associate of Arts**

Major Code: 6041	Credit Hours
<b>Core Curriculum</b> (See Degree Plans for course details)	<b>42</b>
English	6
Mathematics	3
Life & Physical Sciences	6
Language, Philosophy & Culture	3
Creative Arts	3
American History	6
Government/Political Sciences	6
Social & Behavioral Sciences	3
Component Area Option	6
<b>Electives Total</b>	<b>18</b>
Electives from Core ( <b>Science and/or Math labs hours</b> )	2 / 3
<b>Criminal Justice Electives</b>	<b>15/16</b>
CRIJ1301 Introduction to Criminal Justice	3
CRIJ1306 Courts and Criminal Practices	3
CRIJ1310 Fundamentals of Criminal Law	3
CRIJ2313 Correctional Systems and Practices	3
CRIJ2328 Police Systems and Practices	3
PHED 1 Hour Activity PHED	1
<b>Total Criminal Justice Degree</b>	<b>60</b>



**Drama**  
**Associate of Arts**

Major Code: 1041	Credit Hours
<b>Core Curriculum (See Degree Plans for course details)</b>	<b>42</b>
English	6
Mathematics	3
<i>Recommended 3 Hour Mathematics course</i>	
Life & Physical Sciences	6
Language, Philosophy & Culture	3
Creative Arts	3
<i>Required DRAM1310 Introduction to Theater</i>	
American History	6
Government/Political Sciences	6
Social & Behavioral Sciences	3
Component Area Option	6
<b>Electives Total</b>	<b>18</b>
Electives from Core ( <b>Science and/or Math labs hours</b> )	2
<b>Drama Electives</b>	<b>16</b>
DRAM1120 Theater Practicum I	1
DRAM1121 Theater Practicum II	1
DRAM2120 Theater Practicum III	1
DRAM2121 Theater Practicum IV <b>OR</b> MUEN 1160 Musical Theater	1
DRAM1330 Stagecraft I	3
DRAM1351 Acting I	3
<b>Two of the following courses</b>	<b>6</b>
<i>DRAM1342 Intro. to Costume <b>AND</b> DRAM1341 Makeup</i>	
<i>DRAM1352 Acting II</i>	
<i>DRAM 2389 Academic Cooperative</i>	
<i>DRAM2331 Stagecraft II</i>	
<b>Total Drama Degree</b>	<b>60</b>

**English  
Associate of Arts**

Major Code: 1071	Credit Hours
<b>Core Curriculum</b> ( <i>See Degree Plans for course details</i> )	<b>42</b>
English	6
Mathematics	3
Life & Physical Sciences	6
Language, Philosophy & Culture	3
Creative Arts	3
American History	6
Government/Political Sciences	6
Social & Behavioral Sciences	3
Component Area Option	6
<b>Electives Total</b>	<b>18</b>
Electives from Core ( <b>Science and/or Math labs hours</b> )	2 / 3
<b>English Electives</b>	<b>15/16</b>
Select 15/16 Hours from below:	
ENGL2322      English Lit I	3
ENGL2323      English Lit II	3
ENGL2327      American Lit I	3
ENGL2328      American Lit II	3
ENGL2332      World Lit I	3
ENGL2333      World Lit II	3
SPAN1411      Elementary Spanish I	4
SPAN1412      Elementary Spanish II	4
<b>Total English Degree</b>	<b>60</b>

**Languages  
Associate of Arts**

Major Code: 1081	Credit Hours
<b>Core Curriculum</b> (See Degree Plans for course details)	<b>42</b>
English	6
Mathematics	3
Life & Physical Sciences	6
Language, Philosophy & Culture <i>Recommended SPAN2311</i>	3
Creative Arts	3
American History	6
Government/Political Sciences	6
Social & Behavioral Sciences	3
Component Area Option	6
<b>Electives Total</b>	<b>18</b>
Electives from Core ( <b>Science and/or Math labs hours</b> )	2 / 3
<b>Languages Electives</b>	<b>15/16</b>
Select 15/16 Hours from below:	
SPAN1411      Elementary Spanish I	4
SPAN1412      Elementary Spanish II	4
SPAN2312      Intermediate Spanish II	3
SPAN2389      Academic Cooperative	3
SPAN2289      Academic Cooperative	2
<b>Total Languages Degree</b>	<b>60</b>

## Music Field of Study

The Field of Study curriculum is designed to satisfy the lower division requirements for a bachelor's degree in a specific area at four-year colleges in the state of Texas\*. Credits earned in Field of Study curriculum transfer to other four year colleges in the state of Texas. This degree plan doesn't require the completion of Core Curriculum to satisfy Associate of Arts requirements.

*\*Field of Study completion does not guarantee admission to a four-year institution in the state of Texas.*

Associate of Arts	Field of Study-Music
Major Code: 1121	Credit Hours
<b>Core Curriculum</b> (See Degree Plans for course details)	<b>24</b>
<b>English</b>	<b>6</b>
<b>Mathematics</b>	<b>3</b>
<del>Life &amp; Physical Sciences</del> Not Required	0
<del>Language, Philosophy &amp; Culture</del> Not Required	0
<b>Creative Arts</b>	<b>3</b>
<i>MUSI1308 Required Creative Art Core</i>	
<b>American History</b>	<b>6</b>
<b>Government/Political Sciences</b>	6
<del>Social &amp; Behavioral Sciences</del> Not Required	0
<del>Component Area Option</del> Not Required	<b>0</b>
<b>Music Electives Total</b>	<b>36</b>
Ensemble (Band or Chorale)	5
Applied Study (Applied Music)	8
Applied Study of Keyboard Competency	4
Theory/Aural Skills	16
Music Literature (MUSI1309)	3
<b>Total Music Degree</b>	<b>60</b>

**Physical Education  
Associate of Arts  
(Athletics, Health & Physical Education)**

Major Code: 5011	Credit Hours
<b>Core Curriculum (See Degree Plans for course details)</b>	<b>42</b>
English	6
Mathematics <i>Recommended MATH1314</i>	3
Life & Physical Sciences	6
Language, Philosophy & Culture	3
Creative Arts	3
American History	6
Government/Political Sciences	6
Social & Behavioral Sciences	3
Component Area Option	6
<b>Electives Total</b>	<b>18</b>
Electives from Core ( <b>Science and/or Math labs hours</b> )	2
<b>Physical Education Electives</b>	<b>16</b>
PHED1301 Foundations of Kinesiology	3
PHED1308 Sports Officiating I	3
PHED1338 Concepts of Physical Fitness	3
PHED1304 Personal/Community Health I	3
PHED1306 First Aid	3
PHED 1 Hour Physical Activity Course	1
<b>Total Physical Education Degree</b>	<b>60</b>

**Social Science  
Associate of Arts  
(History, Government, Political Science)**

Major Code: 2021	Credit Hours
<b>Core Curriculum (See Degree Plans for course details)</b>	<b>42</b>
English	6
Mathematics	3
<i>Recommended Government Track MATH1342</i>	
Life & Physical Sciences	6
Language, Philosophy & Culture	3
<i>Recommended History Track SPAN2311</i>	
Creative Arts	3
<i>Recommended History Track ARTS1303 or ARTS1304</i>	
American History	6
Government/Political Sciences	6
Social & Behavioral Sciences	3
<i>Recommended SOCI1301</i>	
Component Area Option	6
<b>Electives Total</b>	<b>18</b>
Electives from Core ( <b>Science and/or Math labs hours</b> )	2 / 3
<b>History Track Electives</b>	<b>15/16</b>
Select 15/16 Hours from below:	
SPAN1411 Elementary Spanish I	4
SPAN1412 Elementary Spanish II	4
SPAN2312 Intermediate Spanish II	3
HIST2321 World Civilizations I	3
HIST2322 World Civilizations II	3
HIST2301 Texas History	3
HIST2389 Academic Cooperative (Summer Trip)	3
<b>Government/Political Science Track Electives</b>	<b>15/16</b>
Select 15/16 Hours from below:	
SPAN1411 Elementary Spanish I	4
SPAN1412 Elementary Spanish II	4
ECON2301 Principles of Macroeconomics	3
ECON2302 Principles of Microeconomics	3
GEOG1303 World Regional Geography	3
<b>Total Behavioral Science Degree</b>	<b>60</b>

**Speech  
Associate of Arts**

Major Code: 1111	Credit Hours
<b>Core Curriculum</b> (See Degree Plans for course details)	<b>42</b>
English	6
Mathematics	3
Life & Physical Sciences	6
Language, Philosophy & Culture Recommended HUMA1301	3
Creative Arts	3
American History	6
Government/Political Sciences	6
Social & Behavioral Sciences	3
Component Area Option	6
<b>Electives Total</b>	<b>18</b>
Electives from Core ( <b>Science and/or Math labs hours</b> )	2 / 3
<b>Speech Electives</b>	<b>15/16</b>
Select 15/16 Hours from below:	
SPCH1318      Interpersonal Communication	3
SPCH1321      Business & Professional Communication	3
SPCH2333      Discussion & Small Group Communication	3
COMM2330      Intro. to Public Relations	3
COMM1307      Intro. to Mass Communication	3
<b>Total Speech Degree</b>	<b>60</b>

## ASSOCIATE OF SCIENCE

The Associate of Science (AS) program is an **academic transfer degree** designed for students who will ultimately be pursuing a Bachelor of Science degree at a four-year college/university.

<a href="#">Biology</a>	<a href="#">General Studies</a>	<a href="#">Chemistry/Physics</a>
<a href="#">Geology</a>		<a href="#">Nursing/Allied Health</a>
<a href="#">Mathematics</a>		<a href="#">Pre-Physical Therapy</a>

### General Graduation Requirements

- The student must complete a minimum of 60 semester credit hours.\*
- The student must complete all core curriculum/general education requirements for graduation.
- The student must complete at least three or four electives in Science and/or Mathematics.
- The student must satisfy the Texas Success Initiative (TSI) requirements in reading, writing and mathematics, unless exempted.
- The student must earn at least 25 percent of the credit hours required for the degree at Hill College.
- The student must have a 2.0 grade point average on all work from Hill College.
- The student must have satisfactorily settled all college financial obligations.

\* Developmental courses may not be counted or used as hours toward the Associate of Science degree.



**General Studies  
Associate of Science**

Major Code: 9998	Credit Hours
<b>Core Curriculum</b> (See Degree Plans for course details)	<b>42</b>
English	6
Mathematics	3
Life & Physical Sciences	6
Language, Philosophy & Culture	3
Creative Arts	3
American History	6
Government/Political Sciences	6
Social & Behavioral Sciences	3
Component Area Option	6
<b>Electives Total</b>	<b>18</b>
Electives from Core ( <b>Science and/or Math labs hours</b> )	2 / 3
3 / 4 Mathematic/Science Elective Courses	12 / 13
1 / 2 General Electives	3 / 4
<b>Total Liberal Arts Degree</b>	<b>60</b>

**Biology**  
**Associate of Science**

Major Code: 3032	Credit Hours
<b>Core Curriculum (See Degree Plans for course details)</b>	<b>42</b>
English	6
Mathematics	3
<i>Recommended MATH2412 or MATH2413</i>	
Life & Physical Sciences	6
<i>BIOL 1406 and BIOL 1407 for Biology Pathway</i>	
<i>BIOL 1411 and BIOL 2406 for Holistic Pathway (Under review with</i>	
<i>Coordinating Board to be approved as core courses.)</i>	
<b>(APPROVED)</b>	
Language, Philosophy & Culture	3
Creative Arts	3
American History	6
Government/Political Sciences	6
Social & Behavioral Sciences (Holistic Pathway recommends PSYC 2319 but it not a core course)	3
Component Area Option	6
<b>Electives Total</b>	<b>18</b>
Electives from Core ( <b>Science and/or Math labs hours</b> )	3
<b>Biology Pathway Electives</b>	<b>15</b>
Select 15 Hours from below:	
CHEM1411      General Chemistry I	4
CHEM1412      General Chemistry II	4
PHYS1401      College Physics I	4
PHYS1402      College Physics II	4
Choose 1      BIOL2406, BIOL2416, or BIOL2421	4
PHED            1 or 2 PHED Activity courses	1 / 2
<b>Total Biology Pathway Degree</b>	<b>60</b>
<b>Holistic Pathway Electives</b>	<b>15</b>
BIOL 1322      Nutrition (Advanced Study)	3
BIOL 1323      Nutrition II	3
BIOL 2289      Holistic Clinical Skills	2
BIOL 2389      Advanced Holistic Clinical Skills	3
SCI Elective    Science Elective	4
<b>Total Holistic Wellness Pathway Degree</b>	<b>60</b>

**Geology**  
**Associate of Science**

Major Code: 3062	Credit Hours
<b>Core Curriculum</b> (See Degree Plans for course details)	<b>42</b>
English	6
Mathematics	3
<i>Recommended MATH2413 or MATH2414</i>	
Life & Physical Sciences <sup>2</sup>	6
<i>Recommended GEOL1403 and GEOL1404</i>	
Language, Philosophy & Culture	3
Creative Arts	3
American History	6
Government/Political Sciences	6
Social & Behavioral Sciences	3
Component Area Option	6
<b>Electives Total</b>	<b>18</b>
Electives from Core ( <b>Science and/or Math labs hours</b> )	3
<b>Geology Electives</b>	<b>15</b>
Select 15 Hours from below:	
GEOL1405      Environmental Science	4
GEOL1445      Oceanography	4
GEOL1447      Meteorology	4
GEOL1402      Earth Science II	4
CHEM1411      General Chemistry I	4
CHEM1412      General Chemistry II	4
PHYS2425      University Physics I	4
PHYS2426      University Physics II	4
MATH2414      Calculus II or higher	4
<b>Total Geology Degree</b>	<b>60</b>

**Mathematics**  
**Associate of Science**

Major Code: 3072	Credit Hours
<b>Core Curriculum</b> (See Degree Plans for course details)	<b>42</b>
English	6
Mathematics	3
<i>Recommended MATH2413 or MATH2414</i>	
Life & Physical Sciences	6
<i>Recommended PHYS1401 and PHYS1402</i>	
Language, Philosophy & Culture	3
Creative Arts	3
American History	6
Government/Political Sciences	6
Social & Behavioral Sciences	3
Component Area Option	6
<b>Electives Total</b>	<b>18</b>
Electives from Core ( <b>Science and/or Math labs hours</b> )	3
<b>Mathematics Electives</b>	<b>15</b>
Select 15 Hours from below:	
MATH2320      Differential Equations	3
MATH2414      Calculus II	4
MATH2415      Calculus III	4
CHEM1411      General Chemistry I	4
CHEM1412      General Chemistry II	4
<b>Total Mathematics Degree</b>	<b>60</b>

**Physics/Chemistry  
Associate of Science**

Major Code: 3042	Credit Hours
<b>Core Curriculum (See Degree Plans for course details)</b>	<b>42</b>
English	6
Mathematics	3
<i>Recommended MATH2413 or MATH2414</i>	
Life & Physical Sciences	6
<i>Recommended Physics PHYS1401 and PHYS1402</i>	
<i>Recommended Chemistry CHEM1411 and CHEM1412</i>	
Language, Philosophy & Culture	3
Creative Arts	3
American History	6
Government/Political Sciences	6
Social & Behavioral Sciences	3
Component Area Option	6
<b>Electives Total</b>	<b>18</b>
Electives from Core ( <b>Science and/or Math labs hours</b> )	3
<b>Physics/Chemistry Electives</b>	<b>15</b>
Select 15 Hours from below:	
See Advising for additional electives options	
MATH1316      Plane Trigonometry	3
MATH2414      Calculus II or higher	4
<b>Chemistry Track Electives</b>	
CHEM1411      General Chemistry I	4
CHEM1412      General Chemistry II	4
<b>Physics Track Electives</b>	
PHYS2425      University Physics I	4
PHYS2426      University Physics II	4
<b>Total Physics/Chemistry Degree</b>	<b>60</b>

**Nursing/Allied Health  
Associate of Science**

Major Code: 3083	Credit Hours
<b>Core Curriculum</b> (See Degree Plans for course details)	<b>42</b>
English	6
Mathematics <i>Recommended MATH1314</i>	3
Life & Physical Sciences <i>Required BIOL2401 and BIOL2402</i>	6
Language, Philosophy & Culture	3
Creative Arts	3
American History	6
Government/Political Sciences	6
Social & Behavioral Sciences <i>Recommended PSYC2301</i>	3
Component Area Option	6
<b>Electives Total</b>	<b>18</b>
Electives from Core ( <b>Science and/or Math labs hours</b> )	3
<b>Pre-Nursing Electives</b>	<b>15</b>
Select 15 Hours from below:	
BIOL2420      Microbiology	4
BIOL1322      Nutrition and Diet Therapy I	3
CHEM1406      Intro Chemistry I (Allied Health)	4
MATH1342      Elementary Statistical Methods	3
PSYC2314      Lifespan Growth and Dev.	3
PHED            1-2 1 Hour Activity PHED course(s)	½
<b>Total Pre-Nursing Degree</b>	<b>60</b>

**Pre-Physical Therapy  
Associate of Science**

Major Code: 3152	Credit Hours
<b>Core Curriculum (See Degree Plans for course details)</b>	<b>42</b>
English	6
Mathematics	3
<i>Recommended MATH1314, MATH1342 or MATH2413</i>	
Life & Physical Sciences	6
<i>Required (BIOL2401 and BIOL2402) OR (BIOL1406 and BIOL1407)</i>	
Language, Philosophy & Culture	3
Creative Arts	3
American History	6
Government/Political Sciences	6
Social & Behavioral Sciences	3
<i>Recommended PSYC2301</i>	
Component Area Option	6
<b>Electives Total</b>	<b>18</b>
Electives from Core ( <b>Science and/or Math labs hours</b> )	3
<b>Pre-Physical Therapy Electives</b>	<b>15</b>
Select 15 Hours from below:	
PSYC2314      Lifespan Growth and Development	3
CHEM1411      General Chemistry I	4
CHEM1412      General Chemistry II	4
PHYS1401      College Physics I	4
PHYS1402      College Physics II	4
SOCI1301      Intro to Sociology	3
PHED            1-2 1 Hour PHED Activity courses	½
<b>Total Pre-Physical Therapy Degree</b>	<b>60</b>

**TEACHING**  
**ASSOCIATE OF ARTS IN TEACHING, AAT**  
**(EC-6, 4-8, EC-12 Special Ed)**

The Associate of Arts in Teaching (AAT) program is an **academic transfer degree** designed for students who will ultimately be pursuing a Bachelor's Degree in Education with an emphasis on Elementary Education degree at a four-year college/university.

[EC-6, 4-8, EC-12 Special Ed](#)

General Graduation Requirements

- The student must complete a minimum of 60 semester credit hours.\*
- The student must complete all core curriculum/general education requirements for graduation.
- The student must satisfy the Texas Success Initiative (TSI) requirements in reading, writing and mathematics, unless exempted.
- The student must earn at least 25 percent of the credit hours required for the degree at Hill College.
- The student must have a 2.0 grade point average on all work from Hill College.
- The student must have satisfactorily settled all college financial obligations.

\* Developmental courses may not be counted or used as hours toward the Associate of Arts in Teaching degree.



**Teaching**  
**Associate of Art in Teaching, AAT**  
**EC-6, 4-8, EC-12 Special Ed**

Required Courses	Credit Hours
<b>Core Curriculum</b> (See Degree Plans for course details)	<b>42</b>
English	6
Mathematics	3
Life & Physical Sciences	6
Language, Philosophy & Culture	3
Creative Arts	3
American History	6
Government/Political Sciences	6
Social & Behavioral Sciences	3
Component Area Option	6
<b>Electives Total</b>	<b>18</b>
<b>EDUC Major Code: 1889</b>	
EDUC1301      Intro to Teaching Professional	3
EDUC2301      Intro to Special Population	3
MATH1350      Fundamentals of Math I	3
MATH1351      Fundamentals of Math II	3
Six science credit hours beyond the core	6
<b>Total EDUC Track Degree</b>	<b>60</b>

## **CAREER AND TECHNICAL EDUCATION**

Career and technical education programs are dedicated to preparing young people to manage the dual roles of family member and wage earner. Career and technical programs enable students to gain entry level employment in a high-skill, high-wage job and/or continue their education.

In Texas, the primary responsibility for providing career and technical education at the postsecondary level has been given to the community colleges. Hill College has accepted the responsibility for providing high quality career and technical education programs that are specifically tailored to meet the needs of people in the geographic area served by the college.

The career and technical education program offerings at Hill College include business, industry, technology, and allied health. In order to assure that these programs continue to provide relevant training, the college makes use of industry advisory committees. Each individual program has an operational advisory committee made up of persons from business and industry who advise college officials in matters such as curriculum and current business and industry expectations.

### **ENROLLMENT IN CAREER AND TECHNICAL PROGRAMS**

To enroll in a career and technical education program, the student must meet the requirements for entrance to Hill College. Refer to the descriptions of the individual programs on the following pages for any special requirements.

### **CURRICULA IN CAREER AND TECHNICAL EDUCATION PROGRAMS**

On the following pages, specific courses of study that are required in each of the programs are outlined. The academic advisors or program instructors will provide additional information about the programs of study and assist the student in selecting a course of study. Students are advised to choose electives on the basis of their possible major field of study. Students may register for Cooperative Work Experience Courses (see course description) to fulfill program requirements.

### **DESCRIPTION OF TECHNICAL DEGREE**

Technical degrees and certificates are designed to be stackable in most cases. Certificate of Completion certificates merge into Certificate of Technology while courses from both certificates are found in the Associate of Applied Science degrees. Certificate and degree courses are designed to build upon prior knowledge as a student progresses through the degree plans.

# TECHNICAL DEGREE PLAN OPTIONS

## Occupational Skills Award (OSA)

An Occupational Skills Award (OSA) is a sequence of technical-based credit courses totaling 9-14 semester credit hours (SCH) within an approved program of study. Typically, an external workforce advisory committee identifies the coursework (classes) to be included in the OSA award. Students may receive a dual benefit from earning an OSA because it helps to create a 'pathway' to program completion and can also demonstrate to potential employers a level of aptitude and workplace preparedness.

## Certificate of Completion

The Certificate of Completion from Hill College will be granted to the student who has made formal application for graduation and who completes the following requirements:

1. The student must complete a minimum of 15 semester hours of credit.\*
2. The student must complete the prescribed technical competencies and curriculum for the occupational program as outlined in this catalog under Programs of Study.
3. The student must earn at least 25 percent of the credit hours required for the degree at Hill College.
4. The student must have a 2.0 grade point average on all work from Hill College.
5. The student must have satisfactorily settled all college financial obligations.

\*Developmental courses may not be counted or used as hours towards the Certificate of Completion.

## Certificate of Technology

The Certificate of Technology from Hill College will be granted to the student who has made formal application for graduation and who completes the following requirements:

1. The student must complete a minimum of 43 semester hours of credit.\*
2. The student must complete the prescribed technical competencies and curriculum for the occupational program as outlined in this catalog under Programs of Study.
3. The student must earn at least 25 percent of the credit hours required for the degree at Hill College.
4. The student must have a 2.0 grade point average on all work from Hill College.
5. The student must satisfy the Texas Success Initiative (TSI) requirements in reading, writing, and mathematics, unless exempt.
6. The student must have satisfactorily settled all college financial obligations.

\* Developmental courses may not be counted or used as hours towards the Certificate of Technology.

## **Associate of Applied Science**

The Associate of Applied Science Degree from Hill College will be granted to the student who has made formal application for graduation and who completes the following requirements:

1. The student must complete a minimum of 60 semester hours of credit.\*
2. As part of the minimum 60 semester hour degree requirement, the student must complete a minimum of 15 semester credit hours of general education courses. The core of general education course must include at least one course from each of the following areas: Humanities/Fine Arts, Social/Behavioral Sciences, and Mathematics/Natural Sciences.
3. The student must complete the prescribed competencies and curriculum for a two-year occupational program as outlined in the degree plan.
4. The student must earn at least 25 percent of the credit hours required for the degree at Hill College.
5. The student must have a 2.0 grade point average on all work from Hill College.
6. The student must satisfy the Texas Success Initiative (TSI) requirements in reading, writing and mathematics, unless exempt.
7. The student must have satisfactorily settled all financial obligations.

\* Developmental courses may not be counted or used as hours towards the Associate of Applied Science degree.

## Division of Career Technical and Workforce Education

Automotive

Business Administration & Management

Computer Science

Criminal Justice

Drug/Alcohol Abuse

Heating, Ventilation, Air Conditioning (HVAC)

Industrial Maintenance

Medical Office Management

Office Administration Technology

Welding

**Automotive Technology**  
**Basic Automotive Repair**  
**Certificate of Completion**  
*TSI Waived Program*

<b>Major Code: 6035</b>	<b>Credit Hours</b>
AUMT1407      Automotive Electrical Systems	4
AUMT1410      Automotive Brake Systems	4
AUMT1416      Automotive Suspension & Steering Sys	4
AUMT2421      Automotive Electrical Diagnosis & Repair	4
<b>Capstone Experience:</b> After successful completion of this certificate, the student will have mastered the skills necessary to obtain employment in the automotive industry and be eligible to take the Automotive Service Excellence (ASE) exam for automotive brakes upon successful employment and experience for two years.	
<b>Certificate of Completion</b>	<b>16</b>

**Automotive Repair Technology**  
**Certificate of Completion**  
*TSI Waived Program*

<b>Major Code: 6034</b>	<b>Credit Hours</b>
Completion of Basic Automotive Repair Certificate	16
<b>Certificate of Completion Totals</b>	<b>16</b>
AUMT2413      Automotive Drive Train & Axles	4
AUMT2417      Automotive Engine Performance Analysis I	4
AUMT1419      Automotive Engine Repair	4
AUMT2434      Automotive Engine Performance Analysis II	4
<b>CC Automotive Repair Technology Specific Courses</b>	<b>16</b>
<b>Capstone Experience:</b> After successful completion of the basic certificate, the student will be eligible to take the Automotive Service Excellence (ASE) exam for automotive electrical systems.	
<b>Certificate of Completion</b>	<b>32</b>

**Advanced Automotive Repair**  
**Certificate of Technology**  
*TSI Required*

<b>Major Code:6038</b>	<b>Credit Hours</b>
Completion of Basic Automotive Repair Certificate	16
Completion of Automotive Repair Technology	16
<b>Certificate of Completion Totals</b>	<b>32</b>
AUMT1445      Automotive Heating & Air Conditioning	4
AUMT2301      Automotive Management OR	4
AUMT 2389      Internship-Automotive Mechanics Technology	3
AUMT2425      Automotive Automatic Transmission & Transaxle	4
<b>CT Specific Courses</b>	<b>11</b>
ENGL1301      Composition I	3
<b>CT Academic Specific Courses</b>	<b>3</b>
+ Capstone Experience	
<b>Certificate of Technology</b>	<b>46</b>

**Automotive Technology**  
**Associate of Applied Science**  
*TSI Required*

<b>Major Code: 6032</b>	<b>Credit Hours</b>
<b>Completion of Basic Automotive Repair Certificate</b>	<b>16</b>
AUMT1407 Automotive Electrical Systems	4
AUMT1410 Automotive Brake Systems	4
AUMT1416 Automotive Suspension & Steering Sys	4
AUMT2421 Automotive Electrical Diagnosis & Repair	4
<b>Completion of Automotive Repair Technology</b>	<b>16</b>
AUMT2413 Automotive Drive Train & Axles	4
AUMT2417 Automotive Engine Performance Analysis I	4
AUMT1419 Automotive Engine Repair	4
AUMT2434 Automotive Engine Performance Analysis II	4
<b>Completion of Advanced Automotive Repair Technology</b>	<b>14</b>
AUMT1445 Automotive Heating & Air Conditioning	4
AUMT2301 Automotive Management OR	
AUMT 2389 Internship-Automotive Mechanics Technology	3
AUMT2425 Automotive Automatic Transmission & Transaxle	4
ENGL1301 Composition I	3
<b>Certificate Course Totals</b>	<b>46</b>
<b>AAS Program Specific Courses</b>	<b>2</b>
POFT1220 Job Search Skills	2
<b>AAS Academic Courses</b>	<b>12</b>
<u>*MATH</u> College Level Mathematics Elective	3
BCIS1305 Business Computer Applications	3
SOCI1301 Introduction to Sociology	3
<u>*Elective</u> Language, Philosophy & Culture or Creative Arts Core	3
+ Capstone Experience	
* See <a href="#">Core Curriculum</a> for course options	
<b>AAS Specific Course Totals</b>	<b>14</b>
<b>Associate of Applied Science</b>	<b>60</b>

**Business Administration & Management**  
**Basic Management Skills**  
**Certificate of Completion**  
*TSI Waived Program*

<b>Major Code: 4135</b>		<b>Credit Hours</b>
BUSI1301	Business Principles	3
BMGT1301	Supervision	3
HRPO1311	Human Relations	3
ACCT2301	Principles of Financial Accounting	3
+BGMT1327	Principles of Management	3
<b>+Capstone Experience</b>		
<b>Certificate of Completion</b>		<b>15</b>



**Advanced Management Skills  
Certificate of Technology  
TSI Required**

<b>Major Code: 4160</b>	<b>Credit Hours</b>
Completion of Basic Management Skills	15
<b>Certificate of Completion Totals</b>	<b>15</b>
ACCT2302 Principles of Managerial Accounting	3
MRKG1302 Principles of Retailing	3
BUSG1315 Small Business Operations	3
HRPO2301 Human Resources Management	3
BUSG2309 Small Business Management	3
POFT 1220 Job Search Skills	2
<b>CT Specific Courses</b>	<b>17</b>
ENGL1301 Composition I	3
SPCH1315 Public Speaking	3
PHED Elective PHED 1 Hour Activity PHED course	1
ECON2301 Principles of Macro-Economics	3
BCIS 1305 Business Computer Applications	3
<b>CT Academic Courses</b>	<b>13</b>
+ Capstone Experience	
<b>Certificate of Technology</b>	<b>45</b>

**Management  
Associate of Applied Science  
TSI Required**

<b>Major Code: 4152</b>	<b>Credit Hours</b>
Completion of Basic Management Skills Certificate of Completion	15
Completion of Advanced Management Skills Certificate of Technology	30
<b>Certificate Course Totals</b>	<b>45</b>
<b>AAS Specific Courses</b>	<b>6</b>
BMGT2341 Strategic Management	3
MRKG1311 Principles of Marketing	3
<b>AAS Academic Courses</b>	<b>9</b>
* <a href="#">MATH</a> College Level Mathematics	3
ECON2302 Principles of Micro-Economics	3
* <a href="#">Elective</a> Language, Philosophy & Culture or Creative Arts Core	3
+ Capstone Experience	
* See <a href="#">Core Curriculum</a> for course options	
<b>AAS Specific Course Totals</b>	<b>15</b>
<b>Associate of Applied Science</b>	<b>60</b>

# Computer Science

## Technical Core Certificate of Completion *TSI Waived Program*

Pending Co-Board approval, Fall 2017 **APPROVED**

Major Code: 4110		Credit Hours
+ITNW1358	Network +	3
IMED 1301	Introduction to Digital Media	3
ITSY 1342	Information Technology Security	3
ITSE 1329	Programming Logic and Design	3
ITNW1308	Implementing and Supporting Client Operating Sys.	3
ITSC1325	Personal Computer Hardware	3
+Capstone Experience		
<b>Certificate of Completion</b>		<b>18</b>

**Computer Software and Media Applications**  
**Certificate of Technology**  
*TSI Required*

**Pending Co-Board approval, Fall 2017** **APPROVED**

<b>Major Code:4185</b>	<b>Credit Hours</b>
Completion of Technical Core	18
<b>Certificate of Completion Totals</b>	<b>18</b>
ARTV1351 Digital Video	3
ARTS1311 Design I	3
ARTS2356 Photography I	3
RTVB1317 Convergence of Electronic Media	3
ARTC 1325 Introduction to Computer Graphics	3
IMED 1316 Web Page Design I	3
+ARTC2335 Portfolio Development for Graphic Design	3
<b>Computer Software &amp; Media Application Option (Select two courses below)</b>	<b>6</b>
ARTS1316 Drawing I	3
ARTC1353 Computer Illustration	3
IMED1345 Interactive Digital Media I	3
IMED1359 Writing for Digital Media	3
ARTV1343 Digital Sound	3
COMM2305 Editing & Layout	3
<b>CT Specific Courses</b>	<b>27</b>
+ Capstone Experience	
<b>Certificate of Technology</b>	<b>45</b>

**Computer Science and Media Applications**  
**Associate of Applied Science**  
*TSI Required*

<b>Major Code: 4186</b>	<b>Credit Hours</b>
Completion of Technical Core Certificate	18
Completion of Computer Software & Media Applications Certificate	27
<b>Certificate Course Totals</b>	<b>45</b>
<b>AAS Academic Courses</b>	
ENGL1301 Composition I	3
* <a href="#">MATH</a> College Level Mathematics Elective	3
BCIS1305 Business Computer Applications	3
* <a href="#">Elective</a> Social and Behavioral Sciences	3
* <a href="#">Elective</a> Language, Philosophy & Culture or Creative Arts Core	3
+ Capstone Experience	
* See <a href="#">Core Curriculum</a> for course options	
<b>AAS Specific Course Totals</b>	<b>15</b>
<b>Associate of Applied Science</b>	<b>60</b>

**Networking and Communications**  
**Certificate of Technology**  
*TSI Required*

**Pending Co-Board approval, Fall 2017** **APPROVED**

<b>Major Code:4119</b>	<b>Credit Hours</b>
Completion of Technical Core	18
<b>Certificate of Completion Totals</b>	<b>18</b>
ITMT 1405      Configuring Advanced Windows Server Operation Sys	4
ITMT 1406      Computer Systems Networking & Telecommunications	4
ITMT 1457      Administering a Windows Server Operating System	4
ITSC 1307      UNIX Operating System I	3
ITNW 1451      Fundamentals of Wireless LANs	4
ITSY 2445      Network Defense and Countermeasures	4
+ITSY2443      Computer Systems Forensics	4
<b>CT Specific Courses</b>	<b>27</b>
+ Capstone Experience	
<b>Certificate of Technology</b>	<b>45</b>

**Networking and Communications**  
**Associate of Applied Science**  
*TSI Required*

<b>Major Code: 4114</b>	<b>Credit Hours</b>
Completion of Technical Core Certificate	18
Completion of Networking & Communications Certificate of Technology	27
<b>Certificate Course Totals</b>	<b>45</b>
<b>AAS Academic Courses</b>	
ENGL1301      Composition I	3
<a href="#">*MATH</a> College Level Mathematics Elective	3
BCIS1305      Business Computer Applications	3
<a href="#">*Elective</a> Social and Behavioral Sciences	3
<a href="#">*Elective</a> Language, Philosophy & Culture or Creative Arts Core	3
+ Capstone Experience	
* See <a href="#">Core Curriculum</a> for course options	
<b>AAS Specific Course Totals</b>	<b>15</b>
<b>Associate of Applied Science</b>	<b>60</b>

**Programming Specialization  
Certificate of Technology  
TSI Required**

<b>Major Code: 4188</b>	<b>Credit Hours</b>
Completion of Technical Core	18
<b>Certificate of Completion Totals</b>	<b>18</b>
ITSC1307      UNIX Operating System I	3
ITSE2409      Database Programming	4
COSC1436      Programming Fundamentals I	4
COSC1437      Programming Fundamentals II	4
+ITSE2421      Object-Oriented Programming	4
ITSE2417      Java Programming	4
ITSE2413      Web Authoring	4
<b>CT Specific Courses</b>	<b>27</b>
+ Capstone Experience	
<b>Certificate of Technology</b>	<b>45</b>

**Programming Specialization  
Associate of Applied Science  
TSI Required**

<b>Major Code: 4187</b>	<b>Credit Hours</b>
Completion of Technical Core Certificate	18
Completion of Programming Specialization Certificate of Technology	27
<b>Certificate Course Totals</b>	<b>45</b>
<b>AAS Academic Courses</b>	
ENGL1301      Composition I	3
* <a href="#">MATH</a> College Level Mathematics Elective	3
BCIS1305      Business Computer Applications	3
* <a href="#">Elective</a> Social and Behavioral Sciences	3
* <a href="#">Elective</a> Language, Philosophy & Culture or Creative Arts Core	3
+ Capstone Experience	
* See <a href="#">Core Curriculum</a> for course options	
<b>AAS Specific Course Totals</b>	<b>15</b>
<b>Associate of Applied Science</b>	<b>60</b>

## Criminal Justice

### Drug and Alcohol Abuse Counseling Certificate of Completion TSI Waived Program

**Pending Co-Board approval, Fall 2017 APPROVED**

Completion of the requirements listed below leads to a Certificate of Completion and qualifies the student to pursue further college training or to seek employment in the field of criminal justice/drug and alcohol abuse counseling.

<b>Major Code: 6045</b>		<b>Credit Hours</b>
DAAC1309	Assessment Skill of Alcohol & Other Drug Addictions	3
DAAC1319	Intro. to Alcohol & Other Drug Addictions	3
PSYC 2319	Social Psychology	3
SOCI 2340	Drug Use and Abuse	3
DAAC1317	Basic Counseling Skills	3
DAAC2354	Dynamics of Group Counseling	3
+DAAC2366	Practicum or Field Experience Substance Abuse/Addiction Counseling	3
<b>+Capstone Experience</b>		
<b>Certificate of Completion</b>		<b>21</b>

**Drug and Alcohol Abuse Counseling**  
**Associate of Applied Science**  
*TSI Required*

**Pending Co-Board approval, Fall 2017 APPROVED**

Completion of the requirements listed below leads to an Associate of Applied Science Degree and qualifies the student to pursue further college training or to seek employment in the field of criminal justice/drug and alcohol abuse counseling.

<b>Major Code: 6061</b>		<b>Credit Hours</b>
<b>Completion of Chemical Dependency Correctional Counseling CC</b>		<b>21</b>
<b>Certificate Course Totals</b>		<b>21</b>
<b>AAS Program Specific Courses</b>		<b>15</b>
CRIJ1313	Juvenile Justice System OR	
CRIJ 2301	Community Resources in Corrections OR	
CRIJ 2313	Correctional Systems and Practices	3
CRIJ 1301	Introduction to Criminal Justice	3
SOCI 1301	Introduction to Sociology	3
<a href="#">*Elective</a>	Choose one course from PSYC, SOCI, or SOCW	3
<a href="#">*Elective</a>	Choose one course from PSYC, SOCI, or SOCW	3
<b>AAS Academic Courses</b>		<b>24</b>
ENGL1301	Composition I	3
HIST1301	United States History I	3
GOVT Option	GOVT2305 Federal Govt. <b>Or</b> GOVT2305 Texas Govt.	3
<a href="#">*MATH</a>	College Level Mathematics	3
SPCH1315	Public Speaking	3
BCIS1305	Business Computer Applications	3
PSYC2301	General Psychology	3
<a href="#">*Elective</a>	Creative Arts Core OR Language, Philosophy, & Culture	3
* See <a href="#">Core Curriculum</a> for course options		
<b>AAS Specific Course Totals</b>		<b>39</b>
<b>Associate of Applied Science</b>		<b>60</b>

# Criminal Justice

## Corrections

### Certificate of Completion

#### *TSI Waived Program*

**DEACTIVATION FALL 2017**

**Pending Co-Board approval, Fall 2017 DEACTIVATION APPROVED**

Completion of the requirements listed below leads to a Certificate of Completion and qualifies the student to pursue further college training or to seek employment in the field of criminal justice/chemical dependency correctional counseling.

<b>Major Code: 6046</b>		<b>Credit Hours</b>
CRIJ1301	Intro to Criminal Justice	3
CRIJ1306	Court Systems & Practices	3
CRIJ1310	Fundamentals of Criminal Law	3
CRIJ1313	Juvenile Justice Systems	3
CRIJ2313	Correctional Systems and Practices	3
CRIJ1307	Crime in America	3
CRIJ2314	Criminal Investigations	3
CRIJ2301	Community Resources in Corrections	3
+CJCR2325	Legal Aspects of Corrections	3
CJLE1327	Interviewing & Report Writing of CJ Professions	3
<b>+Capstone Experience</b>		
<b>Certificate of Completion</b>		<b>30</b>



**Law Enforcement  
Criminal Justice  
Certificate of Completion  
TSI Waived Program**

**Pending Co-Board approval, Fall 2017 APPROVED**

Completion of the requirements listed below leads to a Certificate of Completion and qualifies the student to pursue further college training or to seek employment in the field of criminal justice/general criminal justice education.

<b>Major Code: 6044</b>		<b>Credit Hours</b>
CRIJ1301	Intro to Criminal Justice	3
CRIJ1306	Court Systems & Practices	3
CRIJ1310	Fundamentals of Criminal Law	3
CRIJ1313	Juvenile Justice Systems	3
CRIJ1307	Crime in America	3
CRIJ2301	Community Resources in Corrections	3
+CRIJ2314	Criminal Investigations	3
CRIJ2323	Legal Aspects of Law Enforcement	3
CRIJ2328	Police Systems and Practices	3
<b>+Capstone Experience</b>		
<b>Certificate of Completion</b>		<b>30</b>

**Criminal Justice**  
**Associate of Applied Science**  
*TSI Required*

**Pending Co-Board approval, Fall 2017 APPROVED**

Completion of the requirements listed below leads to the Associate in Applied Science Degree and qualifies the student to pursue further college training or to seek employment in the field of criminal justice/corrections option.

<b>Major Code: 6043</b>	<b>Credit Hours</b>
Completion of Criminal Justice Certificate of Completion	30
<b>Certificate Course Totals</b>	<b>30</b>
<b>AAS Academic Courses</b>	<b>30</b>
ENGL1301      Composition I	3
ENGL 2311      Technical Writing	3
HIST Option      HIST1301 US History I OR HIST1302 US History II	3
GOVT Option      GOVT2305 Federal Govt. <b>OR</b> GOVT2305 Texas Govt.	3
<u>*MATH</u> College Level Mathematics	3
SPCH1315      Public Speaking	3
BCIS1305      Business Computer Applications	3
BEH SCI OPTION      Social & Behavioral Sciences Elective	3
<u>*Elective</u> Language, Philosophy & Culture	3
<u>*Elective</u> Creative Arts Core	3
+ Capstone Experience	
* See <a href="#">Core Curriculum</a> for course options	
<b>AAS Specific Course Totals</b>	<b>30</b>
<b>Associate of Applied Science</b>	<b>60</b>

**Law Enforcement: Texas Peace Officer**  
**Associate of Applied Science**  
*TSI Required*

This degree plan is restricted to students who have already completed the basic academy requirements for Texas Peace Officer Licensure. Completion of the requirements listed below leads to the Associate in Applied Science Degree and qualifies the student for the Texas Commission on Law Enforcement (TCOLE) licensed peace officer examination, to pursue further college training or to seek employment in the field of criminal justice/law enforcement. **Restricted admission.**

<b>Major Code: 6049</b>		<b>Credit Hours</b>
Completion of Law Enforcement: Basic Academy Certificate of Completion		22
<b>Certificate Course Totals</b>		<b>22</b>
<b>AAS Specific Courses</b>		<b>15</b>
CRIJ1301	Intro. to Criminal Justice	3
CRIJ1306	Court Systems & Practices	3
CRIJ1313	Juvenile Justice System	3
CRIJ1310	Fundamentals of Criminal Law	3
CRIJ2301	Community Resources in Corrections	3
<b>AAS Academic Courses</b>		<b>23</b>
PHED Elective	1 Hour PHED Activity Course	1
ENGL1301	Composition I	3
BIOL2401	Anatomy & Physiology	4
<u>*MATH</u>	College Level Mathematics	3
SPCH1315	Public Speaking	3
BCIS1305	Business Computer Applications	3
PSYC2301	General Psychology	3
<u>*Elective</u>	Language, Philosophy & Culture <b>OR</b> Creative Arts Core	3
* See <a href="#">Core Curriculum</a> for course options		
<b>AAS Specific Course Totals</b>		<b>38</b>
<b>Associate of Applied Science</b>		<b>60</b>

**Heating, Ventilation, Air Conditioning**  
**Basic HVAC Skills**  
**Certificate of Completion**  
*TSI Waived*

Completion of the curriculum outlined below leads to a Certificate of Completion and enables the student to seek employment in the field of HVAC—basic HVAC skills or pursue further college training.

<b>Major Code: 6020</b>		<b>Credit Hours</b>
HART 1301	Basic Electricity for HVAC	3
HART 1403	Air Conditioning Control Principles	4
HART 1407	Refrigeration Principles	4
+HART 1441	Residential Air Conditioning	4
POFT 1220	Job Search Skills	2
+Capstone Experience		
<b>Certificate of Completion</b>		<b>17</b>

**HVAC Technician Level II**  
**Certificate of Completion**  
*TSI Waived*

Completion of the requirements listed below leads to the Certificate of Completion and qualifies the student to pursue further college training or to seek employment in the field of HVAC—option technician level II.

<b>Major Code: 6021</b>		<b>Credit Hours</b>
Completion of Basic HVAC Skills Certificate of Completion		17
<b>Certificate of Completion Totals</b>		<b>17</b>
HART 1445	Gas and Electric Heating	4
HART 2334	Advanced Air Conditioning Controls	3
+HART 2438	Air Conditioning Installation and Startup	4
HART 2445	Residential Air Conditioning Systems Design	4
BCIS 1305	Business Computer Applications	3
<b>CC Specific Courses</b>		<b>18</b>
+ Capstone Experience		
<b>Certificate of Completion</b>		<b>35</b>

**HVAC Technician Level III  
Certificate of Technology  
TSI Required**

Completion of the requirements listed below leads to the Certificate of Technology and qualifies the student to pursue further college training or to seek employment in the field of HVAC—option technician level III.

<b>Major Code: 6023</b>	<b>Credit Hours</b>
Completion of Basic HVAC Skills Certificate of Completion	17
Completion of HVAC Technician Level II Certificate of Completion	18
<b>Certificate of Completion Totals</b>	<b>35</b>
+HART 2458      Testing, Adjusting, & Balancing HVAC Systems	4
HART 2331      Advanced Electricity for HVAC	3
* <a href="#">MATH</a> College Level Mathematics	3
* <a href="#">Elective</a> Social and Behavioral Sciences	3
<b>CT Specific Courses</b>	<b>13</b>
+ Capstone Experience	
* See <a href="#">Core Curriculum</a> for course options	
<b>Certificate of Technology</b>	<b>48</b>

**HVAC Technology  
Associate of Applied Science  
TSI Required**

<b>Major Code: 6024</b>	<b>Credit Hours</b>
Completion of Basic HVAC Skills Certificate of Completion	17
Completion of HVAC Technician Level II Certificate of Completion	18
Completion of HVAC Technician Level III Certificate of Technology	13
<b>Certificate Course Totals</b>	<b>48</b>
<b>AAS Specific Courses</b>	<b>6</b>
+HART 2368      Practicum – HVAC	3
HART 2336      Air Conditioning Troubleshooting	3
<b>AAS Academic Courses</b>	<b>6</b>
ENGL 1301      Composition I	3
* <a href="#">Elective</a> Language, Philosophy & Culture or Creative Arts Core	3
+ Capstone Experience	
* See <a href="#">Core Curriculum</a> for course options	
<b>AAS Specific Course Totals</b>	<b>12</b>
<b>Associate of Applied Science</b>	<b>60</b>

**Industrial Maintenance**  
**Basic Electrical Skills**  
**Certificate of Completion**  
*TSI Waived*

Completion of the curriculum outlined below leads to a Certificate of Completion and enables the student to seek employment in the field of Industrial Maintenance—basic electrical skills or pursue further college training.

<b>Major Code: 6170</b>		<b>Credit Hours</b>
ELPT 1311	Basic Electrical Theory	3
ELPT 1325	National Electrical Code I	3
+ELPT 2405	Motors and Transformers	4
ELPT 2419	Programmable Logic Controllers I	4
ELMT 1305	Basic Fluid Power	3
+Capstone Experience		
<b>Certificate of Completion</b>		<b>17</b>

**Basic Industrial Maintenance Skills**  
**Certificate of Completion**  
*TSI Waived*

Completion of the requirements listed below leads to the Certificate of Completion and qualifies the student to pursue further college training or to seek employment in the field of Industrial Maintenance—basic industrial maintenance skills option.

<b>Major Code: 6125</b>		<b>Credit Hours</b>
POFT 1220	Job Search Skills	2
+INMT 1305	Introduction to Industrial Maintenance	3
ELPT 1311	Basic Electrical Theory	3
WLDG 1421	Welding Fundamentals	4
MCHN 1302	Print Reading for Machining Trades	3
MCHN 1343	Machine Shop Mathematics	3
+ Capstone Experience		
<b>Certificate of Completion</b>		<b>18</b>

**Industrial Maintenance - CT**  
**Certificate of Technology**  
*TSI Required*

Completion of the requirements listed below leads to the Certificate of Technology and qualifies the student to pursue further college training or to seek employment in the field of Industrial Maintenance—option industrial maintenance - CT.

<b>Major Code: 6126</b>	<b>Credit Hours</b>
Completion of Basic Industrial Maintenance Skills Certificate of Completion	18
<b>Certificate of Completion Total</b>	<b>18</b>
BCIS 1305 Computer Business Applications	3
ELMT 1305 Basic Fluid Power	3
+INMT 1319 Manufacturing Processes	3
MCHN 1320 Precision Tools and Measurement	3
MCHN 1438 Basic Machine Shop I	4
<b>CT Specific Courses</b>	<b>16</b>
+ Capstone Experience	
<b>Certificate of Technology</b>	<b>34</b>

**Industrial Maintenance - AAS**  
**Associate of Applied Science**  
*TSI Required*

<b>Major Code: 6127</b>	<b>Credit Hours</b>
Completion of Basic Industrial Maintenance Skills Certificate of Completion	18
Completion of Industrial Maintenance Certificate of Technology	16
<b>Certificate Course Totals</b>	<b>34</b>
<b>AAS Specific Courses</b>	<b>14</b>
ELPT 2419 Programmable Logic Controllers I	4
ELPT 2405 Motors and Transformers	4
+INMT 2380 Co-op Edu-Manufacturing Technology/Technician	3
ELPT 1325 National Electrical Code I <b>OR</b> Fundamentals of Computer Numerical Controlled (CNC)	
MCHN 2303 Machine Controls	3
<b>AAS Academic Courses</b>	<b>12</b>
ENGL 1301 Composition I	3
* <a href="#">Elective</a> Language, Philosophy & Culture or Creative Arts Core	3
* <a href="#">MATH</a> College Level Mathematics	3
* <a href="#">Elective</a> Social and Behavioral Sciences	3
+ Capstone Experience	
* See <a href="#">Core Curriculum</a> for course options	
<b>AAS Specific Course Totals</b>	<b>12</b>
<b>Associate of Applied Science</b>	<b>60</b>

## Office Administration Technology

### Office Support I Certificate of Completion *TSI Waived Program*

Completion of the curriculum outlined below leads to the Certificate of Completion and enables the student to seek employment in the field of office administration technology or pursue further college training.

Major Code: 4146	Credit Hours
POFT1329      Beginning Keyboarding	3
POFT1220      Job Search Skills	2
POFT1321      Business Math	3
POFI1349      Spreadsheets	3
POFT1301      Business English <b>OR</b> HITT1305 Medical Terminology	3
POFI2301      Word Processing	3
PSYC1100      Learning Frameworks	1
<b>Certificate of Completion</b>	<b>18</b>

### Office Support II Certificate of Completion *TSI Waived Program*

Major Code: 4145	Credit Hours
Completion of Office Support I	18
<b>Certificate of Completion Totals</b>	<b>18</b>
POFT1309      Administrative Office Procedures I	3
POFT2301      Intermediate Keyboarding	3
POFT1319      Records & Information Management I	3
POFT1328      Business Presentations	3
ITSW2334      Advanced Spreadsheets	3
ACNT1303      Introduction to Accounting I	3
<b>Certificate of Completion</b>	<b>36</b>



**Office Administration**  
**Associate of Applied Science**  
*TSI Required*

Completion of the requirements listed below leads to the Associate of Applied Science Degree and qualifies the student to pursue further college training or to seek employment in the field of office administration technology.

<b>Major Code: 4142</b>	<b>Credit Hours</b>
<b>Completion of Office Support I Certificate of Completion</b>	<b>18</b>
<b>Completion of Office Support II Certificate of Completion</b>	<b>18</b>
<b>Certificate Course Totals</b>	<b>36</b>
<b>AAS Specific Courses</b>	
POFI2350 Databases	3
ACNT 1304 Intro to Accounting II	3
<b>AAS Specific Course Totals</b>	<b>6</b>
<b>AAS Academic Courses</b>	
ENGL1301 Composition I	3
SPCH 1315 Public Speaking	3
<a href="#">*MATH</a> College Level Mathematics	3
BCIS1305 Business Computer Applications	3
<a href="#">*Elective</a> Social and Behavioral Sciences	3
<a href="#">*Elective</a> Language, Philosophy & Culture or Creative Arts Core	3
* See <a href="#">Core Curriculum</a> for course options	
<b>AAS Academic Course Totals</b>	<b>18</b>
<b>Associate of Applied Science</b>	<b>60</b>

**Medical Office Assistant  
Certificate of Technology  
TSI Required**

<b>Major Code: 4149</b>	<b>Credit Hours</b>
<b>Completion of Office Support I Certificate of Completion</b>	<b>18</b>
<b>CT Specific Courses Totals</b>	<b>24</b>
<b>CT Specific Courses</b>	
ACNT1303 Intro. to Accounting I	3
POFT2301 Intermediate Keyboarding	3
POFT1328 Business Presentations	3
HITT1305 Medical Terminology I	3
POFM1317 Medical Administrative Support	3
POFM1327 Medical Insurance	3
POFM1302 Medical Software Applications	3
POFI2350 Databases	3
<b>Certificate of Technology</b>	<b>42</b>

**Medical Office Administration  
Associate of Applied Science  
TSI Required**

<b>Major Code: 4141</b>	<b>Credit Hours</b>
Completion of Medical Office Assistant Certificate of Technology	42
<b>Certificate of Technology Course Totals</b>	<b>42</b>
<b>AAS Specific Courses</b>	
ACNT1304 Intro. to Accounting II	3
<b>AAS Academic Courses</b>	
ENGL1301 Composition I	3
* <a href="#">MATH</a> College Level Mathematics	3
BCIS1305 Business Computer Applications	3
* <a href="#">Elective</a> Social and Behavioral Sciences	3
* <a href="#">Elective</a> Language, Philosophy & Culture or Creative Arts Core	3
+ Capstone Experience	
* See <a href="#">Core Curriculum</a> for course options	
<b>AAS Specific Course Totals</b>	<b>18</b>
<b>Associate of Applied Science</b>	<b>60</b>

## Welding Occupational Skills Awards

Occupational Skills Awards have been adopted by the advisory committee as follows:

<b>Plate Welding</b>		<b>Credit Hours</b>
WLDG1413	Intro. to Blueprint Reading for Welders	4
WLDG1428	Intro. to Shielded Metal Arc Welding (SMAW)	4
WLDG1457	Intermediate Shielded Metal Arc Welding (SMAW)	4
<b>Occupational Skills Award</b>		<b>12</b>

<b>Production Welding</b>		<b>Credit Hours</b>
WLDG1413	Intro. to Blueprint Reading for Welders	4
WLDG1430	Intro. to Gas Metal Arc Welding (GMAW)	4
WLDG1412	Intro. to Flux Cored Arc Welding	4
<b>Occupational Skills Award</b>		<b>12</b>

<b>GTAW Welding</b>		<b>Credit Hours</b>
WLDG1413	Intro. to Blueprint Reading for Welders	4
WLDG1434	Intro. to Gas Tungsten Arc Welding (GTAW)	4
WLDG2451	Advanced Gas Tungsten Arc Welding (GTAW)	4
<b>Occupational Skills Award</b>		<b>12</b>

**Basic Machinist  
Certificate of Completion  
TSI Waived Program**

<b>Major Code: 6077</b>		<b>Credit Hours</b>
MCHN1302	Print Reading for Machining Trades	3
MCHN1343	Machine Shop Mathematics	3
MCHN1320	Precision Tools and Measurement	3
MCHN1438	Basic Machine Shop I	4
+MCHN2303	Fund. of Comp. Numerical Controlled (CNC) Machine Controls	3
<b>+Capstone Experience</b>		
<b>Certificate of Completion</b>		<b>16</b>

**Basic Arc Welding Skills  
Certificate of Completion  
TSI Waived Program**

<b>Major Code: 6075</b>		<b>Credit Hours</b>
WLDG1428	Intro. to Shielded Metal Arc Welding (SMAW)	4
WLDG1413	Intro. to Blueprint Reading for Welders	4
WLDG1457	Intermediate Shielded Metal Arc Welding (SMAW)	4
WLDG1435	Intro. to Pipe Welding	4
<b>+Capstone Experience- Successful completion of the API Pipe Test.</b>		
<b>Certificate of Completion</b>		<b>16</b>

**Semi-Automatic Welding  
Certificate of Completion  
TSI Waived Program**

<b>Major Code: 6074</b>		<b>Credit Hours</b>
WLDG1430	Intro. to Gas Metal Arc Welding (GMAW)	4
WLDG1413	Intro. to Blueprint Reading for Welders	4
WLDG1412	Intro. to Flux Cored Arc Welding (FCAW)	4
WLDG2413	Welding Using Multiple Processes	4
<b>+Capstone Experience- Successful completion of the AWS B-U2-GF Welding Procedure.</b>		
<b>Certificate of Completion</b>		<b>16</b>

**Special Arc Welding Skills  
Certificate of Completion  
TSI Waived Program**

<b>Major Code: 6076</b>		<b>Credit Hours</b>
Completion of Basic Arc Welding Skills Certificate of Completion		16
<b>Certificate of Completion Totals</b>		<b>16/15</b>
WLDG1430	Intro. to Gas Metal Arc Welding (GMAW)	4
WLDG1434	Intro. to Gas Tungsten Arc Welding (GTAW)	4
WLDG2413	Welding Using Multiple Processes	4
WLDG Elective	Approved Welding Elective	4/3
<b>+ Capstone Experience Successful completion of the AWS Entry Level Welder Qualification, AWS QC10-95.</b>		
<b>Certificate of Completion</b>		<b>32/31</b>

**Welding Technology**  
**Certificate of Technology**  
*TSI Required*

<b>Major Code: 6078</b>	<b>Credit Hours</b>
<b>Completion of Basic Arc Welding Skills Certificate of Completion</b>	<b>16</b>
WLDG1428 Intro. to Shielded Metal Arc Welding (SMAW)	4
WLDG1413 Intro. to Blueprint Reading for Welders	4
WLDG1457 Intermediate Shielded Metal Arc Welding (SMAW)	4
WLDG1435 Intro. to Pipe Welding	4
<b>Completion of Special Arc Welding Skills Certificate of Completion</b>	<b>16/15</b>
WLDG1430 Intro. to Gas Metal Arc Welding (GMAW)	4
WLDG2413 Welding Using Multiple Processes	4
WLDG1434 Intro. to Gas Tungsten Arc Welding (GTAW)	4
WLDG Approved Welding Elective	4/3
<b>Certificate of Completion Totals</b>	<b>32/31</b>
<b>Certificate of Technology Specific Courses</b>	<b>14</b>
WLDG2406 Intermediate Pipe Welding	4
WLDG2451 Advanced Gas Tungsten Arc Welding (GTAW)	4
WLDG1327 Welding Codes	3
WLDG1323 Welding Safety, Tools and Equipment	3
<b>CT Academic Courses</b>	<b>3</b>
BCIS1305 Business Computer Applications	3
+ Capstone Experience- Successful completion of the AWS Entry Level Welder Qualification, AWS QC10-95. This test is given in WLDG2413	
<b>Certificate of Technology</b>	<b>49</b>

**Approved Welding and Advanced Welding Electives:**

WLDG1337 Intro. to Metallurgy	3
WLDG1412 Intro. to Flux Cored Arc Welding (FCAW)	4
WLDG1453 Intermediate Layout and Fabrication	4
WLDG2447 Advanced Gas Metal Arc Welding (GMAW)	4
WLDG2406 Intermediate Pipe Welding	4
WLDG2453 Advanced Pipe Welding	4
MCHN1320 Precision Tools and Measurement	3
MCHN1438 Basic Machine Shop I	4
WLDG 2432 Welding Automation	4

**\*\*Other topics and/or courses as selected and approved by the Welding Department.**

**Welding Technology**  
**Associate of Applied Science**  
*TSI Required*

<b>Major Code: 6072</b>		<b>Credit Hours</b>
<b>Completion of Basic Arc Welding Skills Certificate of Completion</b>		<b>16</b>
WLDG1428	Intro. to Shielded Metal Arc Welding (SMAW)	4
WLDG1413	Intro. to Blueprint Reading for Welders	4
WLDG1457	Intermediate Shielded Metal Arc Welding (SMAW)	4
WLDG1435	Intro. to Pipe Welding	4
<b>Completion of Special Arc Welding Skills Certificate of Completion</b>		<b>16/15</b>
WLDG1430	Intro. to Gas Metal Arc Welding (GMAW)	4
WLDG2413	Welding Using Multiple Processes	4
WLDG1434	Intro. to Gas Tungsten Arc Welding (GTAW)	4
WLDG	Approved Welding Elective	4/3
<b>Certificate of Technology Specific Coursework:</b>		<b>14</b>
WLDG2406	Intermediate Pipe Welding	4
WLDG2451	Advanced Gas Tungsten Arc Welding (GTAW)	4
WLDG1327	Welding Codes	3
WLDG1323	Welding Safety, Tools and Equipment	3
<b>CT Academic Courses</b>		<b>3</b>
BCIS1305	Business Computer Applications	3
<b>Certificates Credit Hour Total</b>		<b>49/48</b>
<b>AAS Academic Specific Courses</b>		<b>12</b>
ENGL1301	Composition	3
<u>*MATH</u>	MATH College Level Mathematics	3
PSYC2301	General Psychology	3
<u>*Elective</u>	Language, Philosophy & Culture <b>OR</b> Creative Arts Core	3
+ Capstone Experience- Successful completion of the AWS Entry Level Welder Qualification, AWS QC10-95. This test is given in WLDG2413		
<b>Associate of Applied Science</b>		<b>60</b>

**Approved Welding and Advanced Welding Electives:**

WLDG1337	Intro. to Metallurgy	3
WLDG1412	Intro. to Flux Cored Arc Welding (FCAW)	4
WLDG1453	Intermediate Layout and Fabrication	4
WLDG2447	Advanced Gas Metal Arc Welding (GMAW)	4
WLDG2406	Intermediate Pipe Welding	4
WLDG2453	Advanced Pipe Welding	4
MCHN1320	Precision Tools and Measurement	3
MCHN1438	Basic Machine Shop I	4
WLDG 2432	Welding Automation	4

**\*\*Other topics and/or courses as selected and approved by the Welding Department.**

**Welding**  
**Enhanced Skills Certificate**  
*TSI Required*

Students may receive an Associate of Applied Science Enhanced Skills Certificate by successfully completing the previous AAS curriculum **plus** the following:

<b>Major Code: 6071</b>		<b>Credit Hours</b>
WLDG	Advanced Welding Elective	4
WLDG	Advanced Welding Elective	4
WLDG	Advanced Welding Elective	4
WLDG	Advanced Welding Elective	4
+ Capstone Experience- Successful completion of a comprehensive exam and submission of a portfolio of various work completed as part of the Enhanced Skills Certificate.		
<b>Enhanced Skills Certificate</b>		<b>16</b>

**Advanced Welding Electives to be selected from:**

WLDG1391	Special Topics- Topics may include Welding Machine Repair, Advanced Flux Core Welding Techniques, or other topics as approved	3
WLDG2380	Cooperative Education-Welding Technologist	3
WLDG2381	Cooperative Education-Welding Technologist	3
WLDG2453	Advanced Pipe Welding	4
WLDG2443	Advanced Shield Metal Arc Welding (SMAW)	4
WLDG2447	Advanced Gas Metal Arc Welding (GMAW)	4
WLDG2435	Advanced Layout and Design	4

\*\* Other topics and/or courses as selected and approved by the Welding Department.

## **Division of Health and Community Services**

A.D.N. Program

A.D.N. Transition Program

Child Care

Cosmetology

Diagnostic Medical Sonography- Echocardiography

Diagnostic Medical Sonography- Echocardiography- Vascular Technology

Emergency Medical Services Professions

Fire Technology

L.V.N to A.D.N. Transition Program

Vocational Nursing



## Child Care and Development

### Child Care and Development Worker Certificate of Completion *TSI Waived Program*

Major Code: 4106	Credit Hours
CDEC1311      Educating Young Children	3
CDEC1318      Wellness of the Young Child	3
CDEC1358      Creative Arts for Early Childhood	3
CDEC1421      Infant and Toddler	4
+CDEC2426      Administration of Programs for Children I	4
<b>+Capstone Experience</b>	
<b>Certificate of Completion</b>	<b>17</b>

### Child Care and Development Provider (Director Preparation I) Certificate of Completion *TSI Waived Program*

Major Code: 4105	Credit Hours
Completion of Child Care & Dev. Worker Certificate	17
<b>Certificate of Completion Totals</b>	<b>17</b>
CDEC2441      School Age Child	4
+CDEC2428      Admin of Prog for Child II	4
<b>CC Child Care &amp; Dev. Provider Specific Courses</b>	<b>8</b>
<b>+Capstone Experience</b>	
<b>Certificate of Completion</b>	<b>25</b>

### Child Care and Development Administrator (Director Preparation II) Certificate of Technology *TSI Required*

Major Code: 4108	Credit Hours
Completion of Child Care & Dev. Worker Certificate	17
Completion of Child Care & Dev. Provider Certificate	8
<b>Certificate of Completion Totals</b>	<b>25</b>
CDEC1303      Families, School & Community	3
CDEC1354      Child Growth & Development	3
CDEC1459      Children/Special Needs	4
+CDEC2366      Practicum Child Care/Provider/Assistant	3
ENGL1301      Composition	3
<b>CT Specific Courses</b>	<b>16</b>
<b>+ Capstone Experience</b>	
<b>Certificate of Technology</b>	<b>41</b>

**Child Care and Development  
Associate of Applied Science  
TSI Required**

<b>Major Code: 4102</b>	<b>Credit Hours</b>	
<b>Completion of Child Care and Dev. Worker Certificate of Completion</b>		
	<b>17</b>	
CDEC1311	Educating Young Children	3
CDEC1318	Wellness of the Young Child	3
CDEC1358	Creative Arts for Early Childhood	3
CDEC1421	Infant and Toddler	4
+CDEC2426	Administration of Programs for Children I	4
<b>Completion of Child Care and Dev. Provider Certificate of Completion</b>		
	<b>8</b>	
CDEC2441	School Age Child	4
+CDEC2428	Admin of Prog. for Child II	4
<b>Completion of Child Care and Dev. Admin Certificate of Technology</b>		
	<b>16</b>	
CDEC1303	Families, School & Community	3
CDEC1354	Child Growth & Development	3
CDEC1459	Children/Special Needs	4
+CDEC2366	Practicum Child Care/Provider/Assistant	3
ENGL1301	Composition	3
<b>Certificate Course Totals</b>		
	<b>41</b>	
<b>AAS Program Specific Courses</b>		
	<b>4</b>	
+CDEC1494	Special Topics in Child Care/Provider/Assistant OR	4
CDEC1496	Special Topics in Child Care & Support Services Mgmt	4
<b>AAS Academic Courses</b>		
	<b>15</b>	
* <a href="#">MATH</a>	College Level Mathematics Elective	3
GOVT2305	Federal Government	3
SPCH1315	Public Speaking	3
PSYC2301	General Psychology	3
* <a href="#">Elective</a>	Language, Philosophy & Culture or Creative Arts Core	3
+ Capstone Experience		
* See <a href="#">Core Curriculum</a> for course options		
<b>AAS Specific Course Totals</b>		
	<b>19</b>	
<b>Associate of Applied Science</b>		
	<b>60</b>	

## Cosmetology

The Cosmetology Program at Hill College is licensed by the Texas Department of Licensing and Regulation. Hill College offers courses in four areas of Cosmetology each leading to licensing by the Texas Cosmetology Commission. These areas include Cosmetology Operator, Cosmetology Instructor, Nail Tech, and Facial specialist/Esthetician. The capstone experience in each area is the licensure exam of the Texas Cosmetology Commission.

### Cosmetology Operator Certificate of Completion *TSI Waived Program*

A program designed to provide the student with the skills and knowledge required to pass the Texas Department of Licensing and Regulation licensing examination and for successful entry into the field of Cosmetology.

Major Code: 4125	Credit Hours
CSME1401      Orientation to Cosmetology	4
CSME1405      Fundamentals of Cosmetology	4
CSME1451      Artistry of Hair	4
CSME1453      Chemical Reformation and Related Theory	4
CSME1543      Manicuring and Related Theory	5
CSME1547      Prin. Of Skin Care/Facials and Related Theory	5
CSME2337      Advanced Cosmetology Techniques	3
CSME2401      Prin. Of Hair Coloring and Related Theory	4
CSME2439      Advanced Hair Design	4
+CSME2541      Prep of the Texas Cosmetology Commission Exam	5
<b>+Capstone Experience</b>	
<b>Certificate of Completion</b>	<b>42</b>

### Cosmetology Associate of Applied Science *TSI Required*

Major Code: 4122	Credit Hours
Completion of Cosmetology Operator	42
<b>Certificate Course Totals</b>	<b>42</b>
<b>AAS Academic Courses</b>	
ENGL1301      Composition I	3
* <a href="#">MATH</a> College Level Mathematics (Suggested ^MATH1332)	3
SPCH1315      Public Speaking	3
BCIS1305      Business Computer Applications	3
* <a href="#">Elective</a> Social and Behavioral Sciences	3
* <a href="#">Elective</a> Language, Philosophy & Culture or Creative Arts Core	3
+ Capstone Experience	
* See <a href="#">Core Curriculum</a> for course options	
^ MATH1332 does not complete Core Curriculum	
<b>AAS Specific Course Totals</b>	<b>18</b>
<b>Associate of Applied Science</b>	<b>60</b>

**Cosmetology High School Operator  
Certificate of Completion  
TSI Waived Program**

A program designed to provide the student with the skills and knowledge required to pass the Texas Department of Licensing and Regulation licensing examination and for successful entry into the field of Cosmetology.

**Specialized Program for dual credit/ high school students only. Contact campus cosmetology director or cosmetology program coordinator for information.**

<b>Major Code: 4125</b>		<b>Credit Hours</b>
CSME1401	Orientation to Cosmetology	4
CSME1405	Fundamentals of Cosmetology	4
CSME1451	Artistry of Hair	4
CSME1453	Chemical Reformation and Related Theory	4
CSME1543	Manicuring and Related Theory	5
CSME2401	Prin. Of Hair Coloring and Related Theory	4
CSME 1310	Intro. to Haircutting and Related Theory	3
+CSME2541	Prep for the State Licensing Exam	5
<b>+Capstone Experience</b>		
<b>Certificate of Completion</b>		<b>33</b>

**Cosmetology Instructor  
Certificate of Completion  
TSI Waived Program**

To enter the program, student must possess an operator's license. Successful completion of Certificate of Completion - Cosmetology Instructor enables the student to take the Texas Department of Licensing and Regulation Instructor Examination, and seek employment in the field of cosmetology as a cosmetology instructor.

<b>Major Code: 4128</b>		<b>Credit Hours</b>
CSME1434	Cosmetology Instructor I	4
CSME1435	Orientation to the Instruction of Cosmetology	4
CSME2414	Cosmetology Instructor II	4
CSME2449	Cosmetology Instructor III	4
CSME2444	Cosmetology Instructor IV	4
+CSME2445	Instructional Theory and Clinic Operation	4
<b>+Capstone Experience</b>		
<b>Certificate of Completion</b>		<b>24</b>

**Cosmetology  
Facial Specialist/Esthetician  
Certificate of Completion  
TSI Waived Program**

Completion of the requirements listed below leads to the Certificate of Completion in Facial Specialist/Esthetician and qualifies the student for the Texas Department of Licensing and Regulation Facial Specialist/Esthetician Examination, and to enter the field of cosmetology as a facial specialist/esthetician.

<b>Major Code: 4129</b>		<b>Credit Hours</b>
CSME1420	Orientation to Facial Specialist	4
CSME1421	Principles of Facial/Esthetic Technology I	4
CSME1547	Prin. of Skin Care/Facials & related Theory	5
CSME1348	Prin. of Skin Care	3
CSME1545	Prin. of Facial/Esthetic Technology II	5
+CSME2531	Prin. of Facial/Esthetic Technology III	5
<b>+Capstone Experience</b>		
<b>Certificate of Completion</b>		<b>26</b>

**Cosmetology  
Nail Technology  
Certificate of Completion  
TSI Waived Program**

Completion of the requirements listed below leads to the Certificate of Completion in Nail Technology and qualifies the student for the Texas Department of Licensing and Regulation Examination, and to enter the field of cosmetology as a manicurist.

<b>Major Code: 4126</b>		<b>Credit Hours</b>
CSME1430	Orientation to Nail Technology	4
CSME1431	Prin. of Nail Technology I	4
CSME1441	Prin. of Nail Technology II	4
+CSME2530	Nail Enhancement	5
<b>+Capstone Experience</b>		
<b>Certificate of Completion</b>		<b>17</b>

**Diagnostic Medical Sonography**  
**Associate of Applied Science**  
*TSI Required*

Completion of the curriculum outlined below leads to an Associate of Applied Science in Diagnostic Medical Sonography and is designed to prepare individuals to seek employment in the field of Diagnostic Medical Sonography. Extensive travel for clinical required. Specialized Admission. After obtaining an Associate of Applied Science in Diagnostic Medical Sonography, the graduate has the option of completing an additional 12 credit hours to obtain an enhanced skills certificate in vascular sonography.

<b>Major Code: 7025</b>		<b>Credit Hours</b>
<b>Prerequisites Coursework:</b>		<b>13</b>
HITT1305	Medical Terminology I	3
MATH1314	College Algebra	3
PSYC2301	General Psychology	3
BIOL2401	Anatomy & Physiology I	4
<b>AAS Specific Coursework:</b>		<b>37</b>
DMSO1351	Sonographic Sectional Anatomy	3
DMSO1160	Clinical-Diagnostic Med. Sonographer & Ultrasound Tech	1
DMSO1110	Intro. to Sonography	1
DMSO1302	Basic Ultrasound Physics	3
DMSO1342	Intermediate Ultrasound Physics	3
DMSO1360	Clinical-Diagnostic Med Sonographer & Ultrasound Tech	3
DMSO1441	Abdominopelvic Sonography	4
DMSO2243	Advanced Ultrasound Principles & Instrumentation	2
DMSO1355	Sonographic Pathophysiology	3
DMSO1361	Clinical-Diagnostic Med Sonographer & Ultrasound Tech	3
DMSO2405	Sonography of Obstetrics/Gynecology	4
+DMSO2130	Advanced Ultrasound & Review	1
DMSO2245	Advanced Sonography Practices	2
DMSO2460	Clinical-Diagnostic Med Sonographer & Ultrasound Tech	4
<b>AAS Academic Specific Courses</b>		<b>10</b>
ENGL1301	Composition	3
BIOL2402	Anatomy & Physiology II	4
<u>*Elective</u>	Language, Philosophy & Culture <b>OR</b> Creative Arts Core	3
+ Capstone Experience		
<b>Associate of Applied Science</b>		<b>60</b>

**Vascular Technology**  
**Enhanced Skills Certificate**  
*TSI Required*

Restricted enrollment for Enhanced Skills Certificate. Student is required the prerequisite of an AAS in Diagnostic Medical Sonography to enroll. Extensive travel for clinical required. Specialized Admission.

<b>Major: 7026</b>		<b>Credit Hours</b>
DSVT1300	Principles of Vascular Technology	3
DSVT2200	Vascular Technology Applications	2
+DVST2461	Clinical	4
DVST2335	Advanced Non-Invasive Vascular Technology	3
<b>Enhanced Skills Certificate</b>		<b>12</b>
+Capstone Experience		

**Diagnostic Medical Sonography/Echocardiography**  
**Associate of Applied Science**  
*TSI Required*



The Commission on Accreditation of Allied Health Education Programs (CAAHEP) is pleased to inform you of its vote on **January 21, 2016** to award **initial accreditation** to the Cardiovascular Technology - Adult Echocardiography Associate degree program at Hill College, Hillsboro, TX.

Completion of the curriculum outlined below leads to an Associate of Applied Science in Echocardiography Technology and enables the student to take the examination of echocardiographic sonographers and seek employment in the field of echocardiography sonography. Extensive travel for clinical required. Specialized Admission. After obtaining an Associate of Applied Science in Echocardiography Technology, the graduate has the option of completing an addition 12 credit hours to obtain an enhanced skills certificate in vascular sonography.

<b>Major Code: 7021</b>		<b>Credit Hours</b>
<b>Prerequisites Coursework:</b>		<b>17</b>
HITT1305	Medical Terminology I	3
MATH1314	College Algebra	3
PSYC2301	General Psychology	3
BIOL2401	Anatomy & Physiology I	4
BIOL2402	Anatomy & Physiology II	4
<b>AAS Specific Coursework:</b>		<b>37</b>
DSAE1203	Intro. to Echocardiography Techniques	2
DSAE1302	Basic Ultrasound Physics	3
DSAE1315	Principles of Adult Echocardiography	3
DSAE1260	Clinical-Diagnostic Med Sonographer & Ultrasound Tech	2
HPRS 2200	Pharmacology for Health Professions	2
DSAE2304	Echocardiographic Evaluation of Pathology I	3
DSAE2660	Clinical-Diagnostic Med Sonographer & Ultrasound Tech	6
DSAE1440	Diagnostic Electrocardiography	4
+DSAE2235	Advanced Echocardiography	2
DSAE2437	Echocardiographic Evaluation of Pathology II	4
DSAE2661	Clinical-Diagnostic Med Sonographer & Ultrasound Tech	6
<b>AAS Academic Specific Courses</b>		<b>6</b>
ENGL1301	Composition	3
<u>*Elective</u>	Language, Philosophy & Culture <b>OR</b> Creative Arts Core	3
+ Capstone Experience		
<b>Associate of Applied Science</b>		<b>60</b>

**Vascular Technology**  
**Enhanced Skills Certificate**  
***TSI Required***

Restricted enrollment for Enhanced Skills Certificate. Student is required the prerequisite of an AAS in Diagnostic Medical Sonography to enroll. Extensive travel for clinical required. Specialized Admission.

<b>Major: 7026</b>		<b>Credit Hours</b>
DSVT1300	Principles of Vascular Technology	3
DSVT2200	Vascular Technology Applications	2
+DVST2461	Clinical	4
DVST2335	Advanced Non-Invasive Vascular Technology	3
<b>Enhanced Skills Certificate</b>		<b>12</b>

+Capstone Experience



**Emergency Medical Services Professions  
Advanced Certificate  
Certificate of Completion  
*TSI Waived***



The Hill College Emergency Medical Services Professions program is accredited by the Commission on Accreditation of Allied Health Education Programs ([www.caahep.org](http://www.caahep.org)) upon the recommendation of the Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP).

To contact CAAHEP:

Commission on Accreditation of Allied Health Education Programs  
1361 Park Street  
Clearwater, FL 33756  
(727) 210-2350                      [www.caahep.org](http://www.caahep.org)

To contact CoAEMSP:

8301 Lakeview Parkway, Suite 111-312  
Rowlett, TX 75088  
(214) 703-8445                      FAX: (214) 703-8992

The Certificate of Completion-Emergency Medical Services Advanced Certificate is deactivated for all new students Fall 2015. Students begin the EMSP program with the Certificate of Technology- Emergency Medical Services Paramedic degree plan (**See page 75**). Students entering either the Certificate of Technology or Associate of Applied Science will be required to follow TSI requirements.

**Emergency Medical Services Paramedic  
Certificate of Technology  
TSI Required**

Completion of the requirements listed below leads to Certificate of Technology in Emergency Medical Services Professions (Paramedic) and qualifies the student to pursue further college training or to seek employment in the field of emergency medical services professions. Extensive travel for clinical required. Specialized Admission.

<b>Major Code: 8032</b>		<b>Credit Hours</b>
<b>Prerequisites Coursework:</b>		<b>6</b>
EMSP1501	EMT Basic	5
EMSP1160	Basic Clinical	1
<b>CT Academic Specific Courses</b>		<b>8</b>
BIOL2401	Anatomy & Physiology I	4
BIOL2402	Anatomy & Physiology II	4
<b>CT Specific Coursework:</b>		<b>37</b>
EMSP1438	Intro. to Advance Practice	4
EMSP1356	Patient Assessment & Airway Management	3
EMSP1355	Trauma Management	3
EMSP1161	Advanced Clinical	1
EMSP2306	Emergency Pharmacology	3
EMSP2544	Cardiology	5
EMSP1162	Paramedic Clinical	1
EMSP2143	Assessment Based Management	1
EMSP2434	Medical Emergencies	4
EMSP2430	Special Populations	4
EMSP1163	Clinical-Emergency Medical Technology	1
EMSP2305	EMS Operations	3
EMSP2460	Clinical-Emergency Medical EMT Paramedic	4
+ Capstone Experience- Successful completion of the Texas Department of Health, Certification/licensure test for Emergency Medical Technician- Advanced		
<b>Certification of Technology</b>		<b>51</b>

**Emergency Medical Services  
Associate of Applied Science  
TSI Required**

Completion of the requirements listed below leads to an Associate of Applied Science in Emergency Medical Services Profession and qualifies the student to pursue further college training or to seek employment in the field of emergency medical services professions. Extensive travel for clinical required. Specialized Admission.

<b>Major Code: 8034</b>		<b>Credit Hours</b>
Completion of Technology- EMS- Paramedic		51
<b>Certificate Totals</b>		<b>51</b>
PSYC2301	General Psychology	3
ENGL1301	Composition I	3
ENGL2311	Technical Writing*	3
<b>AAS Academic Specific Courses</b>		<b>9</b>
*Special Permission will be needed to enroll in ENGL2311 without ENGL1301 and ENGL1302 combined pre-requisites. Students need to get permission from the instructor prior to enrolling in ENGL2311 without all pre-requisites.		
<b>Associate of Applied Science</b>		<b>60</b>

**Fire Protection Technology  
Certificate of Completion  
TSI Waived Program**

Completion of the curriculum outlined below leads to a Certificate of Completion and enables the student to seek employment in the field of firefighting or pursue further college training.

<b>Major Code: 8026</b>		<b>Credit Hours</b>
FIRS1401	Firefighter Certification I	4
FIRS1407	Firefighter Certification II	4
FIRS1313	Firefighter Certification III	3
FIRS1319	Firefighter Certification IV	3
FIRS1323	Firefighter Certification V	3
FIRS1329	Firefighter Certification VI	3
FIRS1433	Firefighter Certification VII	4
<b>+Capstone Experience- Successful completion of the Texas Commission on Fire Protection basic structural firefighting examination.</b>		
<b>Certificate of Completion</b>		<b>24</b>

**Fire Protection and Safety Technology  
Certificate of Completion  
TSI Waived Program**

Completion of the curriculum outlined below leads to a Certificate of Completion and enables the student to seek employment in the field of firefighting, emergency medical services professions or pursue further college training.

<b>Major Code: 8024</b>		<b>Credit Hours</b>
FIRS1401	Firefighter Certification I	4
FIRS1407	Firefighter Certification II	4
FIRS1313	Firefighter Certification III	3
FIRS1319	Firefighter Certification IV	3
FIRS1323	Firefighter Certification V	3
FIRS1329	Firefighter Certification VI	3
FIRS1433	Firefighter Certification VII	4
EMSP1501	EMT Basic	5
EMSP1160	Basic Clinical	1
<b>+Capstone Experience- Successful completion of the Texas Commission on Fire Protection basic structural firefighting examination and the national registry certification test for EMT-Basic.</b>		
<b>Certificate of Completion</b>		<b>30</b>

**Fire Protection Technology**  
**Associate of Applied Science**  
*TSI Required*

Completion of the curriculum outlined below leads to an Associate of Applied Science in Fire Protection and Safety Technology and enables the student to seek employment in the field of firefighting, emergency medical services professions or pursue further college training.

<b>Major Code: 8027</b>		<b>Credit Hours</b>
Completion of Fire Protection & Safety Certificate of Completion		30
<b>Certificate Course Totals</b>		<b>30</b>
<b>AAS Specific Courses</b>		<b>15</b>
FIRT1319	Firefighter Health & Safety	3
FIRT1338	Fire Protection Systems	3
FIRT1353	Legal Aspects of Fire Protection	3
FIRT1329	Building Codes & Construction	3
FIRT1311	Fire Services Hydraulics	3
	OR	
FIRT1333	Fire Chemistry	3
<b>AAS Academic Courses</b>		<b>15</b>
ENGL1301	Composition I	3
<u>*MATH</u>	College Level Mathematics	3
SPCH1315	Public Speaking	3
GOVT2306	Texas Government	3
<u>*Elective</u>	Creative Arts Core	3
+ Capstone Experience		
* See <a href="#">Core Curriculum</a> for course options		
<b>AAS Specific Course Totals</b>		<b>30</b>
<b>Associate of Applied Science</b>		<b>60</b>

**Vocational Nursing  
Certificate of Technology  
TSI Required**

Completion of the requirements listed below leads to the Certificate of Technology and is designed to provide the student with the skill and knowledge required to pass the National Council of State Boards of Nursing (Texas-VN).

Locations of the classes are at Hill County Campus, Hillsboro and Johnson County Campus, Cleburne.

Please contact the program director at each location for the entry dates and additional information about the program. Extensive travel for clinical required. Also see Section III, Admissions, Specialized Admissions–Vocational Nursing.

<b>Major Code: 7010</b>		<b>Credit Hours</b>
<b>Prerequisites Coursework:</b>		<b>11</b>
PSYC2301	General Psychology	3
BIOL2401	Anatomy & Physiology I	4
BIOL2402	Anatomy & Physiology II	4
<b>CT Specific Coursework:</b>		<b>37/38</b>
VNSG1216 OR BIOL1322	Nutrition	2/3
VNSG1360	Clinical I- Practical Nursing (LPN Training)	3
VNSG1500	Nursing in Health & Illness I	5
VNSG1461	Clinical II-Practical Nursing (LPN Training)	4
VNSG1509	Nursing in Health & Illness II	5
VNSG2510	Nursing in Health & Illness III	5
VNSG1330	Maternal Neonatal Nursing	3
VNSG1331 OR RNSG1301	Pharmacology	3
VNSG1334	Pediatrics	3
+VNSG1462	Clinical III-Practical Nursing (LPN Training)	4
+ Capstone Experience		
<b>Certificate of Technology</b>		<b>48/49</b>

**ADN Vocational Nursing Tract**  
**Certificate of Technology**  
*TSI Required*

Completion of the requirements listed below leads to a Certificate of Technology and is designed to provide the student with the skill and knowledge required to pass the National Council of State Boards of Nursing (Texas-VN).

Location for the program is at the Hill County Campus, Hillsboro and Johnson County Campus, Cleburne. Please contact the Director of Nursing program either campus for the entry dates and additional information about the program. Extensive travel for clinical required.

Also see Section III, Admissions, Specialized Admissions–A.D.N. Vocational Nursing Tract.

<b>Major Code: 7013</b>		<b>Credit Hours</b>
<b>Prerequisites Coursework:</b>		<b>13</b>
PSYC2301	General Psychology	3
BIOL2401	Anatomy & Physiology I	4
BIOL1322	Nutrition	3
MATH1314	College Algebra	3
<b>CT Specific Coursework:</b>		<b>30</b>
RNSG1301	Pharmacology	3
RNSG1513	Foundations for Nursing Practice	5
RNSG1160	Clinical-Nursing-Registered Nurse Training	1
RNSG1441	Common Concepts of Adult Health	4
RNSG1261	Clinical-Registered Nursing/Nurse	2
RNSG1412	Nursing Care of the Childbearing & Childrearing Family	4
RNSG2213	Mental Health Nursing	2
RNSG2261	Clinical-Registered Nursing/Nurse	2
RNSG1343	Complex Concepts of Adult Health	3
VNSG1219	Leadership & Professional Development	2
+VNSG1222	Vocational Nursing Concepts	2
<b>CT Academic Specific Courses</b>		<b>7</b>
BIOL2402	Anatomy & Physiology	4
PSYC2314	Lifespan Growth & Development	3
+ Capstone Experience		
<b>Certificate of Technology</b>		<b>50</b>

**ADN Vocational Nursing Transition (LVN)**  
**Associate of Applied Science**  
*TSI Required*

Completion of the requirements listed below leads to the Associate of Applied Science degree and is designed to provide the student with the skill and knowledge required to pass the National Council of State Boards of Nursing (Texas-RN) NCLEX-RN examination.

Location for the program is at the Hill County Campus and Johnson County Campus, Cleburne.

Please contact the Director of A.D.N. program either campus for the entry dates and additional information about the program. Extensive travel for clinical required. Also see Section III, Admissions, Specialized Admissions–A.D.N. Vocational Nursing Transition (LVN) Program.

<b>Major Code: 7014</b>		<b>Credit Hours</b>
<b>Prerequisites Coursework:</b>		<b>17</b>
PSYC2314	Lifespan Growth & Development	3
BIOL2401	Anatomy & Physiology I	4
BIOL2402	Anatomy & Physiology II	4
ENGL1301	Composition I	3
MATH1314	College Algebra	3
<b>Transition Course:</b>		<b>3</b>
RNSG1327	Transition from Vocational to Professional Nursing	3
<b>Credit in the following is awarded after successful completion of RNSG1327-Transition from Vocational to Professional Nursing</b>		
VNSG1330	Maternal-Neonatal Nursing	3
VNSG1334	Pediatrics	3
VNSG1509	Nursing in Health & Illness II	5
VNSG 2510	Nursing in Health & Illness III	5
VNSG1362	Clinical-Licensed Vocational Nursing (LVN) Training	3
<b>Credits Awarded from LVN Certificate of Technology</b>		<b>19</b>
<b>AAS Specific Coursework:</b>		<b>14</b>
RNSG2213	Mental Health Nursing	2
RNSG1343	Complex Concepts of Adult Health	3
RNSG2261	Clinical-Registered Nursing/Nurse	2
RNSG2331	Advanced Concepts of Adult Health	3
RNSG2201	Care of Children & Families	2
RNSG2262	Clinical-Licensed Registered Nursing/Nurse	2
<b>AAS Academic Specific Courses</b>		<b>7</b>
BIOL2420	Microbiology	4
<u>*Elective</u>	Language, Philosophy & Culture <b>OR</b> Creative Arts Core	3
+ Capstone Experience		
* See <a href="#">Core Curriculum</a> for course options		
<b>Associate of Applied Science</b>		<b>60</b>

**Nursing**  
**Associate of Applied Science**  
*TSI Required*

Completion of the requirements listed below leads to the Associate of Applied Science degree and is designed to provide the student with the skill and knowledge required to pass the National Council of State Boards of Nursing (Texas-RN) NCLEX-RN.

Location for the program is at the Hill County Campus and Johnson County Campus, Cleburne.

Please contact the Director of A.D.N. program either campus for the entry dates and additional information about the program. Extensive travel for clinical required. Also see Section III, Admissions, Specialized Admissions–Associate Degree Nursing (RN).

<b>Major Code: 7012</b>		<b>Credit Hours</b>
<b>Prerequisites Coursework:</b>		<b>13</b>
BIOL1322	Nutrition	3
BIOL2401	Anatomy & Physiology I	4
ENGL1301	Composition I	3
MATH1314	College Algebra	3
<b>AAS Specific Coursework:</b>		<b>33</b>
RNSG1301	Pharmacology	3
RNSG1513	Foundations for Nursing Practice	5
RNSG1160	Clinical-Nursing-Registered Nurse Training	1
RNSG1441	Common Concepts of Adult Health	4
RNSG1412	Nursing Care of the Childbearing & Childrearing Family	4
RNSG1261	Clinical-Registered Nursing/Nurse	2
RNSG2213	Mental Health Nursing	2
RNSG2261	Clinical-Registered Nursing/Nurse	2
RNSG1343	Complex Concepts of Adult Health	3
RNSG2331	Advanced Concepts of Adult Health	3
RNSG2262	Clinical-Registered Nursing/Nurse	2
RNSG2201	Care of Children & Families	2
<b>AAS Academic Specific Courses</b>		<b>14</b>
BIOL2402	Anatomy & Physiology II	4
PSYC2314	Lifespan Growth & Development	3
BIOL2420	Microbiology	4
<u>*Elective</u>	Language, Philosophy & Culture <b>OR</b> Creative Arts Core	3
+ Capstone Experience		
* See <a href="#">Core Curriculum</a> for course options		
<b>Associate of Applied Science</b>		<b>60</b>



**Paramedic to ADN Transition Program**  
**Associate of Applied Science**  
*TSI Required*

Completion of the requirements listed below leads to the Associate of Applied Science degree and is designed to provide the student with the skill and knowledge required to pass the NCLEX – RN through the Texas Board of Nursing.

Location for the program is at the Hill County Campus and Johnson County Campus, Cleburne.

Please contact the Director of A.D.N. program either campus for the entry dates and additional information about the program. Extensive travel for clinical required. Also see Section III, Admissions, Specialized Admissions–Paramedic to ADN Transition Program.

<b>Major Code: 8035</b>		<b>Credit Hours</b>
<b>Prerequisites Coursework:</b>		<b>17</b>
PSYC2314	Lifespan Growth & Development	3
BIOL2401	Anatomy & Physiology I	4
BIOL2402	Anatomy & Physiology II	4
ENGL1301	Composition I	3
MATH1314	College Algebra	3
<b>Transition Course:</b>		<b>6</b>
	Concepts of Professional Nursing Practice I for	
RNSG1417	Articulating Students	4
RNSG1260	Clinical-Registered Nursing/Nurse	2
<b>Credit in the following is awarded after successful completion of RNSG1417-Concepts of Professional Nursing Practice I for Articulating Students AND RNSG1260-Clinical-Registered Nursing/Nurse</b>		
EMSP2434	Medical Emergencies	4
EMSP2305	EMS Operations	3
EMSP2544	Cardiology	5
EMSP2460	Clinical-Emergency Medical Technology/Technician	4
<b>Credits Awarded from EMS Certificate of Technology</b>		<b>16</b>
<b>AAS Specific Coursework:</b>		<b>14</b>
RNSG2213	Mental Health Nursing	2
RNSG1343	Complex Concepts of Adult Health	3
RNSG2261	Clinical-Registered Nursing/Nurse	2
RNSG2331	Advanced Concepts of Adult Health	3
RNSG2201	Care of Children & Families	2
RNSG2262	Clinical-Licensed Registered Nursing/Nurse	2
<b>AAS Academic Specific Courses</b>		<b>7</b>
BIOL2420	Microbiology	4
<u>*Elective</u>	Language, Philosophy & Culture <b>OR</b> Creative Arts Core	3
+ Capstone Experience		
* See <a href="#">Core Curriculum</a> for course options		
<b>Associate of Applied Science</b>		<b>60</b>