

**DEGREE PLAN OPTIONS
2018-2019**

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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
Geology
Mathematics
Physical Education/Kinesiology
Physics

Division of Arts and Humanities

Art
Behavioral Sciences
Developmental English
Developmental Reading
Drama
Economics
English
Foreign Languages
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 Development/Early Childhood Education
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
Basic Police Academy (Pending approval)
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			Hours
Core Component			
ENGLISH		SELECT BOTH COURSES	6.00
ENGL	1301	Composition I	
ENGL	1302	Composition II	
MATHEMATICS		SELECT ONE COURSE	3.00
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	1332	Contemporary Mathematics (Co-Board approved effective Fall 2018)	
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)	
LIFE & PHYSICAL SCIENCES		SELECT TWO COURSES	6.00
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)	
LANGUAGE, PHILOSOPHY & CULTURE			SELECT ONE COURSE
			3.00
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)	
CREATIVE ARTS			SELECT ONE COURSE
			3.00
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	
AMERICAN HISTORY			SELECT BOTH COURSES
			6.00
HIST	1301	United States History I	
HIST	1302	United States History II	
GOVERNMENTAL/POLITICAL SCIENCES			SELECT BOTH COURSES
			6.00
GOVT	2305	Federal Government (Federal constitution & topics)	
GOVT	2306	Texas Government (Texas constitution & topics)	
SOCIAL & BEHAVIORAL SCIENCES			SELECT ONE COURSE
			3.00
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	
COMPONENT AREA OPTION			SELECT BOTH COURSES
			6.00
BCIS	1305	Business Computer Applications (3 SCH version)	
SPCH	1315	Public Speaking	
Total Core Curriculum			42.00

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
Core Curriculum (<i>See Degree Plans for course details</i>)	42
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
Electives Total	18
Electives from Core (Science and/or Math labs hours)	2 / 3
5/6 General Electives Courses	15 / 16
Total Liberal Arts Degree	60

**Agriculture
Associate of Arts**

Major Code: 3011	Credit Hours
Core Curriculum (See Degree Plans for course details)	42
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
Electives Total	18
Electives from Core (Science and/or Math labs hours)	2/3
Agriculture Electives	15/16
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
Total Agriculture Degree	60

**Art
Associate of Arts**

Major Code:1011	Credit Hours
Core Curriculum (See Degree Plans for course details)	42
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
Electives Total	18
Electives from Core (Science and/or Math labs hours)	2 / 3
Traditional Art Track Electives	15/16
ARTS1316 Drawing I	3
ARTS1311 Design I	3
ARTS1317 Drawing II	3
ARTS1312 Design II	3
<i>One Hour Elective, if Needed</i>	1
Select One Course Below	3
ARTS1303 <i>Art History I</i>	
ARTS1304 <i>Art History II</i>	
Total Traditional Art Degree	60
Digital Media Art Track Electives	15/16
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
Total Digital Media Art Degree	60

**Athletic Trainer
Associate of Arts**

Contact athletic trainer/instructor for additional information.

Major Code: 5041	Credit Hours
Core Curriculum (See Degree Plans for course details)	42
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
Electives Total	18
Electives from Core (Science and/or Math labs hours)	2
Athletic Trainer Electives	16
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
Total Athletic Trainer Degree	60

**Behavioral Science
Associate of Arts**

Major Code: 2051	Credit Hours
Core Curriculum (See Degree Plans for course details)	42
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
Electives Total	18
Electives from Core (Science and/or Math labs hours)	2 / 3
Psychology Track Electives	15/16
Select 15/16 hours from below	
PSYC1100 Learning Frameworks (1 hour only)	1
PSYC 2301 General Psychology (REQUIRED)	3
PSYC Electives ^{1,2}	12
Sociology Track Electives	15/16
Select 15/16 hours from below	
PSYC1100 Learning Frameworks (1 hour only)	1
SOCI 1301 Introductory Sociology (REQUIRED)	3
SOCI Electives ¹	12
Social Work & Interdisciplinary Mental Health Track Electives	15/16
Select 15/16 hours from below	
PSYC1100 Learning Frameworks (1 hour only)	1
PSYC 2301 General Psychology (REQUIRED)	3
SOCI 1301 Introductory Sociology (REQUIRED)	3
SOCW 2361 Intro to Social Work (REQUIRED)	3
PSYC or SOCI Electives ^{1,2}	6
Total Behavioral Science Degree	60

¹ 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.

² 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
Core Curriculum (See Degree Plans for course details)	42
English	6
Mathematics	3
<i>Recommended MATH1324 Mathematics for Bus. & 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
Electives Total	18
Electives from Core (Science and/or Math labs hours)	2
Business Electives	16
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
Total Business Degree	60

**Computer Science
Associate of Arts**

Major Code: 4031	Credit Hours
Core Curriculum (See Degree Plans for course details)	42
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
Electives Total	18
Electives from Core (Science and/or Math labs hours)	2
Computer Science Electives	16
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
Total Computer Science Degree	60

**Criminal Justice
Associate of Arts**

Major Code: 6041	Credit Hours
Core Curriculum (See Degree Plans for course details)	42
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
Electives Total	18
Electives from Core (Science and/or Math labs hours)	2 / 3
Criminal Justice Electives	15/16
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
Total Criminal Justice Degree	60

Drama
Associate of Arts

Major Code: 1041	Credit Hours
Core Curriculum (See Degree Plans for course details)	42
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
Electives Total	18
Electives from Core (Science and/or Math labs hours)	2
Drama Electives	16
DRAM1120 Theater Practicum I	1
DRAM1121 Theater Practicum II	1
DRAM2120 Theater Practicum III	1
DRAM2121 Theater Practicum IV OR MUEN 1160 Musical Theater	1
DRAM1330 Stagecraft I	3
DRAM1351 Acting I	3
Two of the following courses	6
<i>DRAM1342 Intro. to Costume AND DRAM1341 Makeup</i>	
<i>DRAM1352 Acting II</i>	
<i>DRAM 2389 Academic Cooperative</i>	
<i>DRAM2331 Stagecraft II</i>	
Total Drama Degree	60

**English
Associate of Arts**

Major Code: 1071	Credit Hours
Core Curriculum (See Degree Plans for course details)	42
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
Electives Total	18
Electives from Core (Science and/or Math labs hours)	2 / 3
English Electives	15/16
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
Total English Degree	60

**Languages
Associate of Arts**

Major Code: 1081	Credit Hours
Core Curriculum (See Degree Plans for course details)	42
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
Electives Total	18
Electives from Core (Science and/or Math labs hours)	2 / 3
Languages Electives	15/16
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
Total Languages Degree	60

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

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

Major Code: 5011	Credit Hours
Core Curriculum (See Degree Plans for course details)	42
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
Electives Total	18
Electives from Core (Science and/or Math labs hours)	2
Physical Education Electives	16
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
Total Physical Education Degree	60

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

Major Code: 2021	Credit Hours
Core Curriculum (See Degree Plans for course details)	42
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
Electives Total	18
Electives from Core (Science and/or Math labs hours)	2 / 3
History Track Electives	15/16
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
Government/Political Science Track Electives	15/16
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
Total Behavioral Science Degree	60

**Speech
Associate of Arts**

Major Code: 1111	Credit Hours
Core Curriculum (See Degree Plans for course details)	42
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
Electives Total	18
Electives from Core (Science and/or Math labs hours)	2 / 3
Speech Electives	15/16
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
Total Speech Degree	60

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.

Biology	General Studies	Chemistry/Physics
Geology		Nursing/Allied Health
Mathematics		Pre-Physical Therapy

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
Core Curriculum (See Degree Plans for course details)	42
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
Electives Total	18
Electives from Core (Science and/or Math labs hours)	2 / 3
3 / 4 Mathematic/Science Elective Courses	12 / 13
1 / 2 General Electives	3 / 4
Total Liberal Arts Degree	60

Biology
Associate of Science

Major Code: 3032	Credit Hours
Core Curriculum (See Degree Plans for course details)	42
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</i>	
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
Electives Total	18
Electives from Core (Science and/or Math labs hours)	3
Biology Pathway Electives	15
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
Total Biology Pathway Degree	60
Holistic Pathway Electives	15
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
Total Holistic Wellness Pathway Degree	60

Geology
Associate of Science

Major Code: 3062	Credit Hours
Core Curriculum (See Degree Plans for course details)	42
English	6
Mathematics	3
<i>Recommended MATH2413 or MATH2414</i>	
Life & Physical Sciences ²	6
<i>Recommended GEOL 1403 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
Electives Total	18
Electives from Core (Science and/or Math labs hours)	3
Geology Electives	15
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
Total Geology Degree	60

Mathematics
Associate of Science

Major Code: 3072	Credit Hours
Core Curriculum (See Degree Plans for course details)	42
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
Electives Total	18
Electives from Core (Science and/or Math labs hours)	3
Mathematics Electives	15
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
Total Mathematics Degree	60

**Physics/Chemistry
Associate of Science**

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

**Nursing/Allied Health
Associate of Science**

Major Code: 3083	Credit Hours
Core Curriculum (See Degree Plans for course details)	42
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
Electives Total	18
Electives from Core (Science and/or Math labs hours)	3
Pre-Nursing Electives	15
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
Total Pre-Nursing Degree	60

**Pre-Physical Therapy
Associate of Science**

Major Code: 3152	Credit Hours
Core Curriculum (See Degree Plans for course details)	42
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
Electives Total	18
Electives from Core (Science and/or Math labs hours)	3
Pre-Physical Therapy Electives	15
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
Total Pre-Physical Therapy Degree	60

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
Core Curriculum (See Degree Plans for course details)	42
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
Electives Total	18
EDUC Major Code: 1889	
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
Total EDUC Track Degree	60

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

Basic Police Academy (Pending approval)

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

Major Code: 6035	Credit Hours
AUMT1407 Automotive Electrical Systems	4
AUMT1410 Automotive Brake Systems	4
AUMT1416 Automotive Suspension & Steering Sys	4
AUMT2421 Automotive Electrical Diagnosis & Repair	4
Capstone Experience: 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.	
Certificate of Completion	16

Automotive Repair Technology
Certificate of Completion
TSI Waived

Major Code: 6034	Credit Hours
Completion of Basic Automotive Repair Certificate	16
Certificate of Completion Totals	16
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
CC Automotive Repair Technology Specific Courses	16
Capstone Experience: After successful completion of the basic certificate, the student will be eligible to take the Automotive Service Excellence (ASE) exam for automotive electrical systems.	
Certificate of Completion	32

Advanced Automotive Repair
Certificate of Technology
TSI Required

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

Automotive Technology
Associate of Applied Science
TSI Required

Major Code: 6032	Credit Hours
Completion of Basic Automotive Repair Certificate	
	16
AUMT1407 Automotive Electrical Systems	4
AUMT1410 Automotive Brake Systems	4
AUMT1416 Automotive Suspension & Steering Sys	4
AUMT2421 Automotive Electrical Diagnosis & Repair	4
Completion of Automotive Repair Technology	
	16
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
Completion of Advanced Automotive Repair Technology	
	14
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
Certificate Course Totals	46
AAS Program Specific Courses	
	2
POFT1220 Job Search Skills	2
AAS Academic Courses	
	12
<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 Core Curriculum for course options	
AAS Specific Course Totals	14
Associate of Applied Science	60

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

Major Code: 4135		Credit Hours
BUSI1301	Business Principles	3
BMGT1301	Supervision	3
HRPO1311	Human Relations	3
ACCT2301	Principles of Financial Accounting	3
+BMGT1327	Principles of Management	3
+Capstone Experience		
Certificate of Completion		15

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

Major Code: 4160	Credit Hours
Completion of Basic Management Skills	15
Certificate of Completion Totals	15
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
CT Specific Courses	17
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
CT Academic Courses	13
+ Capstone Experience	
Certificate of Technology	45

**Management
Associate of Applied Science
TSI Required**

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

Computer Science

Technical Core Certificate of Completion *TSI Waived*

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		
Certificate of Completion		18

Computer Software and Media Applications
Certificate of Technology
TSI Required

Major Code:4185	Credit Hours
Completion of Technical Core	18
Certificate of Completion Totals	18
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
Computer Software & Media Application Option (Select two courses below)	6
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
CT Specific Courses	27
+ Capstone Experience	
Certificate of Technology	45

Computer Science and Media Applications
Associate of Applied Science
TSI Required

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

Networking Cybersecurity
(Revision Approved, Effective Fall 2018)
Certificate of Technology
(Previous Title: Networking & Communications)
TSI Required

Major Code:4119	Credit Hours
Completion of Technical Core	18
Certificate of Completion Totals	18
ITSY 2417 Wireless Security Development	4
ITMT 1406 Computer Systems Networking & Telecommunications	4
ITSY 2401 Firewalls and Network Security	4
ITSC 1307 UNIX Operating System I	3
COSC 1436 Programming Fundamentals	4
ITSY 2445 Network Defense and Countermeasures	4
+ITSY2443 Computer Systems Forensics	4
CT Specific Courses	27
+ Capstone Experience	
Certificate of Technology	45

Networking Cybersecurity
(Revision Approved, Effective Fall 2018)
(Previous Title: Networking & Communications)
Associate of Applied Science
TSI Required

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

**Programming Specialization
Certificate of Technology
TSI Required**

Major Code: 4188	Credit Hours
Completion of Technical Core	18
Certificate of Completion Totals	18
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
CT Specific Courses	27
+ Capstone Experience	
Certificate of Technology	45

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

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

Criminal Justice

Drug and Alcohol Abuse Counseling Certificate of Completion *TSI Waived*

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.

Major Code: 6045		Credit Hours
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
+Capstone Experience		
Certificate of Completion		21

Drug and Alcohol Abuse Counseling
Associate of Applied Science
TSI Required

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.

Major Code: 6061		Credit Hours
Completion of Chemical Dependency Correctional Counseling CC		21
Certificate Course Totals		21
AAS Program Specific Courses		15
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
*Elective	Choose one course from PSYC, SOCI, or SOCW	3
*Elective	Choose one course from PSYC, SOCI, or SOCW	3
AAS Academic Courses		24
ENGL1301	Composition I	3
HIST1301	United States History I	3
GOVT Option	GOVT2305 Federal Govt. Or GOVT2305 Texas Govt.	3
*MATH	College Level Mathematics	3
SPCH1315	Public Speaking	3
BCIS1305	Business Computer Applications	3
PSYC2301	General Psychology	3
*Elective	Creative Arts Core OR Language, Philosophy, & Culture	3
<small>* See Core Curriculum for course options</small>		
AAS Specific Course Totals		39
Associate of Applied Science		60

**Criminal Justice
Certificate of Completion
TSI Waived**

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.

Major Code: 6044		Credit Hours
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
CRIJ2313	Correctional Systems and Practices	3
+CRIJ2314	Criminal Investigations	3
CRIJ2323	Legal Aspects of Law Enforcement	3
CRIJ2328	Police Systems and Practices	3
+Capstone Experience		
Certificate of Completion		30

Criminal Justice
Associate of Applied Science
TSI Required

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.

Major Code: 6043		Credit Hours
Completion of Criminal Justice Certificate of Completion		30
Certificate Course Totals		30
AAS Academic Courses		30
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. OR GOVT2305 Texas Govt.	3
*MATH	College Level Mathematics	3
SPCH1315	Public Speaking	3
BCIS1305	Business Computer Applications	3
BEH SCI OPTION	Social & Behavioral Sciences Elective	3
*Elective	Language, Philosophy & Culture	3
*Elective	Creative Arts Core	3
+ Capstone Experience		
* See Core Curriculum for course options		
AAS Specific Course Totals		30
Associate of Applied Science		60

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.**

Major Code: 6049		Credit Hours
Completion of Law Enforcement: Basic Academy Certificate of Completion		22
Certificate Course Totals		22
AAS Specific Courses		15
CRIJ1301	Intro. to Criminal Justice	3
CRIJ1306	Court Systems & Practices	3
CRIJ2313	Correctional Systems & Practices	3
CRIJ1310	Fundamentals of Criminal Law	3
CRIJ2328	Police Systems & Practices	3
AAS Academic Courses		23
PHED Elective	1 Hour PHED Activity Course	1
ENGL1301	Composition I	3
<u>*Elective</u>	Life & Physical Sciences	4
<u>*MATH</u>	College Level Mathematics	3
SPCH1315	Public Speaking	3
BCIS1305	Business Computer Applications	3
<u>*Elective</u>	Social and Behavioral Sciences	3
<u>*Elective</u>	Language, Philosophy & Culture OR Creative Arts Core	3
* See Core Curriculum for course options		
AAS Specific Course Totals		38
Associate of Applied Science		60

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.

Major Code: 6020	Credit Hours
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	
Certificate of Completion	17

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.

Major Code: 6021	Credit Hours
Completion of Basic HVAC Skills Certificate of Completion	17
Certificate of Completion Totals	17
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
CC Specific Courses	18
+ Capstone Experience	
Certificate of Completion	35

**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.

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

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

Major Code: 6024	Credit Hours
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
Certificate Course Totals	48
AAS Specific Courses	6
+HART 2368 Practicum – HVAC	3
HART 2336 Air Conditioning Troubleshooting	3
AAS Academic Courses	6
ENGL 1301 Composition I	3
* Elective Language, Philosophy & Culture or Creative Arts Core	3
+ Capstone Experience	
* See Core Curriculum for course options	
AAS Specific Course Totals	12
Associate of Applied Science	60

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.

Major Code: 6170		Credit Hours
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		
Certificate of Completion		17

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.

Major Code: 6125		Credit Hours
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		
Certificate of Completion		18

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.

Major Code: 6126	Credit Hours
Completion of Basic Industrial Maintenance Skills Certificate of Completion	18
Certificate of Completion Total	18
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
CT Specific Courses	16
+ Capstone Experience	
Certificate of Technology	34

Industrial Maintenance - AAS
Associate of Applied Science
TSI Required

Major Code: 6127	Credit Hours
Completion of Basic Industrial Maintenance Skills Certificate of Completion	18
Completion of Industrial Maintenance Certificate of Technology	16
Certificate Course Totals	34
AAS Specific Courses	14
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 OR Fundamentals of Computer Numerical Controlled (CNC)	
MCHN 2303 Machine Controls	3
AAS Academic Courses	12
ENGL 1301 Composition I	3
* Elective Language, Philosophy & Culture or Creative Arts Core	3
* MATH College Level Mathematics	3
* Elective Social and Behavioral Sciences	3
+ Capstone Experience	
* See Core Curriculum for course options	
AAS Specific Course Totals	12
Associate of Applied Science	60

Office Administration Technology

Office Support I Certificate of Completion (Revision Approved Effective Fall 2018) *TSI Waived*

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
POFT2312	Business Correspondence & Communications	3
POFI1349	Spreadsheets	3
POFI2401	Word Processing	4
Certificate of Completion		15

Office Support II Certificate of Completion (Revision Approved Effective Fall 2018) *TSI Waived*

Major Code: 4145		Credit Hours
Completion of Office Support I		15
Certificate of Completion Totals		15
POFT1309	Administrative Office Procedures I	3
POFT2301	Intermediate Keyboarding	3
POFT1319	Records & Information Management I	3
POFT1321	Business Math	3
POFI 2331	Desktop Publishing	3
Certificate of Completion		30

**Office Administration – CT
Certificate of Technology
(Added CT Approved, Effective Fall 2018)**

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 office administration technology.

Major Code: 4150	Credit Hours
Completion of Office Support I Certificate of Completion	15
Completion of Office Support II Certificate of Completion	15
Certificate Course Totals	30
CT Specific Courses	
ITSW 2334 Advanced Spreadsheets	3
ACNT 1303 Intro to Accounting I	3
POFT 1349 Administrative Office Procedures II	3
POFT 1359 Records and Information Management II	3
CT Specific Course Totals	12
CT Academic Courses	
SPCH 1315 Public Speaking	3
CT Academic Course Totals	3
Certificate of Technology	45

Office Administration
Associate of Applied Science
(Revision Approved Effective Fall 2018)

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.

Major Code: 4142	Credit Hours
Completion of Office Administration Certificate of Technology	45
AAS Academic Courses	
ENGL1301 Composition I	3
* MATH College Level Mathematics	3
BCIS1305 Business Computer Applications	3
* Elective Social and Behavioral Sciences	3
* Elective Language, Philosophy & Culture or Creative Arts Core	3
* See Core Curriculum for course options	
AAS Academic Course Totals	15
Associate of Applied Science	60

**Medical Office Support II
Certificate of Completion
(Added CC Approved, Effective Fall 2018)
TSI Waived**

Major Code: 4151	Credit Hours
Completion of Office Support I	15
Certificate of Completion Totals	15
POFM 1317 Medical Administrative Support	3
POFT2301 Intermediate Keyboarding	3
POFT1319 Records & Information Management I	3
POFT1321 Business Math	3
HITT 1305 Medical Terminology I	3
Certificate of Completion	30

**Medical Office Assistant – CT
Certificate of Technology
(Revision Approved, Effective Fall 2018)
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 office administration technology.

Major Code: 4149	Credit Hours
Completion of Office Support I Certificate of Completion	15
Completion of Medical Office Support II Certificate of Completion	15
Certificate Course Totals	30
CT Specific Courses	
ITSW 2334 Advanced Spreadsheets	3
ACNT 1303 Intro to Accounting I	3
POFM 1327 Medical Insurance	3
POFM 1302 Medical Software Applications	3
POFM 1300 Basic Medical Coding	3
CT Specific Course Totals	15
Certificate of Technology	45

Medical Office Administration
Associate of Applied Science
(Revision Approved, Effective Fall 2018)
TSI Required

Major Code: 4141		Credit Hours
Completion of Medical Office Assistant Certificate of Technology		45
Certificate of Technology Course Totals		45
AAS Academic Courses		
ENGL1301	Composition I	3
*MATH	College Level Mathematics	3
BCIS1305	Business Computer Applications	3
*Elective	Social and Behavioral Sciences	3
*Elective	Language, Philosophy & Culture or Creative Arts Core	3
+ Capstone Experience		
* See Core Curriculum for course options		
AAS Specific Course Totals		15
Associate of Applied Science		60

Welding Occupational Skills Awards

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

Plate Welding		Credit Hours
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
Occupational Skills Award		12

Production Welding		Credit Hours
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
Occupational Skills Award		12

GTAW Welding		Credit Hours
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
Occupational Skills Award		12

Basic Machinist Certificate of Completion *TSI Waived*

Major Code: 6077		Credit Hours
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
+Capstone Experience		
Certificate of Completion		16

Basic Arc Welding Skills
(Revision Approved, Effective Fall 2018)
Certificate of Completion
TSI Waived

Major Code: 6075		Credit Hours
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
WLDG1430	Intro. to Gas Metal Arc Welding (GMAW)	4
+Capstone Experience- Successful completion of the API Pipe Test.		
Certificate of Completion		16

Semi-Automatic Welding
Certificate of Completion
TSI Waived

Major Code: 6074		Credit Hours
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
+Capstone Experience- Successful completion of the AWS B-U2-GF Welding Procedure.		
Certificate of Completion		16

Special Arc Welding Skills
(Revision Approved, Effective Fall 2018)
Certificate of Completion
TSI Waived

Major Code: 6076		Credit Hours
Completion of Basic Arc Welding Skills Certificate of Completion		16
Certificate of Completion Totals		16/15
WLDG1435	Intro. to Pipe Welding	4
WLDG1434	Intro. to Gas Tungsten Arc Welding (GTAW)	4
WLDG2413	Welding Using Multiple Processes	4
WLDG Elective	Approved Welding Elective	4/3
+ Capstone Experience Successful completion of the AWS Entry Level Welder Qualification, AWS QC10-95.		
Certificate of Completion		32/31

Welding Technology
(Revision Approved, Effective Fall 2018)
Certificate of Technology
TSI Required

Major Code: 6078		Credit Hours
Completion of Basic Arc Welding Skills Certificate of Completion		16
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
WLDG1430	Intro. to Gas Metal Arc Welding (GMAW)	4
Completion of Special Arc Welding Skills Certificate of Completion		16/15
WLDG1435	Intro. to Pipe Welding	4
WLDG2413	Welding Using Multiple Processes	4
WLDG1434	Intro. to Gas Tungsten Arc Welding (GTAW)	4
WLDG	Approved Welding Elective	4/3
Certificate of Completion Totals		32/31
Certificate of Technology Specific Courses		14
WLDG2406	Intermediate Pipe Welding	4
WLDG2451	Advanced Gas Tungsten Arc Welding (GTAW)	4
WLDG1327	Welding Codes	3
WLDG1323	Welding Safety, Tools and Equipment	3
CT Academic Courses		3
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		
Certificate of Technology		49

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
(Revision Approved, Effective Fall 2018)
Associate of Applied Science
TSI Required

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

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:

Major Code: 6071	Credit Hours
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.	
Enhanced Skills Certificate	16

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 Development/Early Childhood Education

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 Development/Early Childhood Education

Child Development/Early Childhood Education Worker Certificate of Completion (Revision Approved: Effective Fall 2018) *TSI Waived*

Major Code: 4106	Credit Hours
CDEC1311 Educating Young Children	3
CDEC1318 Wellness of the Young Child	3
CDEC1319 Child Guidance	3
CDEC1321 The Infant and Toddler	3
CDEC 2341 The School Age Child	3
+CDEC1164 Practicum (or Field Experience) – Child Development	1
+Capstone Experience	
Certificate of Completion	16

Child Development/Early Childhood Education Administrator (Director Preparation I) Certificate of Completion (Revision Approved: Effective Fall 2018) *TSI Waived*

Major Code: 4105	Credit Hours
Completion of Child Dev./Early Childhood Edu. Worker Certificate	16
Certificate of Completion Totals	16
CDEC1323 Observation and Assessment	3
CDEC1313 Curriculum Resources for Early Childhood Programs	3
CDEC1303 Families, School & Community	3
+CDEC2326 Administration of Programs for Children I	3
CC Child Care & Dev. Provider Specific Courses	12
+Capstone Experience	
Certificate of Completion	28

**Child Development/Early Childhood Education Administrator
(Director Preparation II)
Certificate of Technology
(Revision Approved: Effective Fall 2018)
TSI Required**

Major Code:4108	Credit Hours
Completion of Child Dev./Early Childhood Education Administrator (Director Preparation I) Certificate	28
Certificate of Completion Total	28
CDEC1358 Creative Arts for Early Childhood	3
CDEC1354 Child Growth & Development	3
CDEC1359 Children with Special Needs	3
+CDEC2328 Administration of Programs for Children II	3
ENGL1301 Composition	3
CT Specific Courses	15
+ Capstone Experience	
Certificate of Technology	43

**Child Development/Early Childhood Education
Associate of Applied Science
(Revision Approved: Effective Fall 2018)
TSI Required**

Major Code: 4102	Credit Hours
Completion of Child Development/Early Childhood Education Administrator (Director Preparation II) Certificate of Technology	43
Certificate Course Totals	43
AAS Program Specific Course	
+CDEC2265 Practicum (or Field Experience) – Child Development	2
AAS Academic Courses	
* MATH College Level Mathematics Elective	3
GOVT2305 Federal Government or GOVT 2306 Texas Govt.	3
SPCH1315 Public Speaking	3
* Elective Behavioral Science Core	3
* Elective Language, Philosophy & Culture or Creative Arts Core	3
+ Capstone Experience	
* See Core Curriculum for course options	
AAS Specific Course Totals	17
Associate of Applied Science	60

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*

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
+Capstone Experience	
Certificate of Completion	42

Cosmetology Associate of Applied Science *TSI Required*

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

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

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.

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
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
+Capstone Experience		
Certificate of Completion		33

**Cosmetology Instructor
Certificate of Completion
TSI Waived**

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.

Major Code: 4128		Credit Hours
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
+Capstone Experience		
Certificate of Completion		24

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

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.

Major Code: 4129		Credit Hours
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
+Capstone Experience		
Certificate of Completion		26

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

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.

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

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.

Major Code: 7025		Credit Hours
Prerequisites Coursework:		13
HITT1305	Medical Terminology I	3
MATH1314	College Algebra	3
PSYC2301	General Psychology	3
BIOL2401	Anatomy & Physiology I	4
AAS Specific Coursework:		37
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
AAS Academic Specific Courses		10
ENGL1301	Composition	3
BIOL2402	Anatomy & Physiology II	4
* Elective	Language, Philosophy & Culture OR Creative Arts Core	3
+ Capstone Experience		
Associate of Applied Science		60

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.

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

Major Code: 7021		Credit Hours
Prerequisites Coursework:		17
HITT1305	Medical Terminology I	3
MATH1314	College Algebra	3
PSYC2301	General Psychology	3
BIOL2401	Anatomy & Physiology I	4
BIOL2402	Anatomy & Physiology II	4
AAS Specific Coursework:		37
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
AAS Academic Specific Courses		6
ENGL1301	Composition	3
<u>*Elective</u>	Language, Philosophy & Culture OR Creative Arts Core	3
+ Capstone Experience		
Associate of Applied Science		60

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.

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

+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) 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

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.

Major Code: 8032		Credit Hours
Prerequisites Coursework:		6
EMSP1501	EMT Basic	5
EMSP1160	Basic Clinical	1
CT Academic Specific Courses		8
BIOL2401	Anatomy & Physiology I	4
BIOL2402	Anatomy & Physiology II	4
CT Specific Coursework:		37
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		
Certification of Technology		51

**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.

Major Code: 8034		Credit Hours
Completion of Technology- EMS- Paramedic		51
Certificate Totals		51
PSYC2301	General Psychology	3
ENGL1301	Composition I	3
ENGL2311	Technical Writing*	3
AAS Academic Specific Courses		9
*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.		
Associate of Applied Science		60

**Fire Protection Technology
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 firefighting or pursue further college training.

Major Code: 8026		Credit Hours
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
+Capstone Experience- Successful completion of the Texas Commission on Fire Protection basic structural firefighting examination.		
Certificate of Completion		24

**Fire Protection and Safety Technology
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 firefighting, emergency medical services professions or pursue further college training.

Major Code: 8024		Credit Hours
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
+Capstone Experience- Successful completion of the Texas Commission on Fire Protection basic structural firefighting examination and the national registry certification test for EMT-Basic.		
Certificate of Completion		30

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.

Major Code: 8027		Credit Hours
Completion of Fire Protection & Safety Certificate of Completion		30
Certificate Course Totals		30
AAS Specific Courses		15
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
AAS Academic Courses		15
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 Core Curriculum for course options		
AAS Specific Course Totals		30
Associate of Applied Science		60

**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.

Major Code: 7010		Credit Hours
Prerequisites Coursework:		11
PSYC2301	General Psychology	3
BIOL2401	Anatomy & Physiology I	4
BIOL2402	Anatomy & Physiology II	4
CT Specific Coursework:		37/38
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		
Certificate of Technology		48/49

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.

Major Code: 7013		Credit Hours
Prerequisites Coursework:		13
PSYC2301	General Psychology	3
BIOL2401	Anatomy & Physiology I	4
BIOL1322	Nutrition	3
MATH1314	College Algebra	3
CT Specific Coursework:		30
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
CT Academic Specific Courses		7
BIOL2402	Anatomy & Physiology	4
PSYC2314	Lifespan Growth & Development	3
+ Capstone Experience		
Certificate of Technology		50

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.

Major Code: 7014		Credit Hours
Prerequisites Coursework:		17
PSYC2314	Lifespan Growth & Development	3
BIOL2401	Anatomy & Physiology I	4
BIOL2402	Anatomy & Physiology II	4
ENGL1301	Composition I	3
MATH1314	College Algebra	3
Transition Course:		3
RNSG1327	Transition from Vocational to Professional Nursing	3
Credit in the following is awarded after successful completion of RNSG1327-Transition from Vocational to Professional Nursing		
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
Credits Awarded from LVN Certificate of Technology		19
AAS Specific Coursework:		14
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
AAS Academic Specific Courses		7
BIOL2420	Microbiology	4
<u>*Elective</u>	Language, Philosophy & Culture OR Creative Arts Core	3
+ Capstone Experience		
* See Core Curriculum for course options		
Associate of Applied Science		60

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).

Major Code: 7012		Credit Hours
Prerequisites Coursework:		13
BIOL1322	Nutrition	3
BIOL2401	Anatomy & Physiology I	4
ENGL1301	Composition I	3
MATH1314	College Algebra	3
AAS Specific Coursework:		33
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
AAS Academic Specific Courses		14
BIOL2402	Anatomy & Physiology II	4
PSYC2314	Lifespan Growth & Development	3
BIOL2420	Microbiology	4
<u>*Elective</u>	Language, Philosophy & Culture OR Creative Arts Core	3
+ Capstone Experience		
* See Core Curriculum for course options		
Associate of Applied Science		60

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.

Major Code: 8035		Credit Hours
Prerequisites Coursework:		17
PSYC2314	Lifespan Growth & Development	3
BIOL2401	Anatomy & Physiology I	4
BIOL2402	Anatomy & Physiology II	4
ENGL1301	Composition I	3
MATH1314	College Algebra	3
Transition Course:		6
	Concepts of Professional Nursing Practice I for	
RNSG1417	Articulating Students	4
RNSG1260	Clinical-Registered Nursing/Nurse	2
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		
EMSP2434	Medical Emergencies	4
EMSP2305	EMS Operations	3
EMSP2544	Cardiology	5
EMSP2460	Clinical-Emergency Medical Technology/Technician	4
Credits Awarded from EMS Certificate of Technology		16
AAS Specific Coursework:		14
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
AAS Academic Specific Courses		7
BIOL2420	Microbiology	4
<u>*Elective</u>	Language, Philosophy & Culture OR Creative Arts Core	3
+ Capstone Experience		
* See Core Curriculum for course options		
Associate of Applied Science		60