

## The Associate Degree

Hillsborough Community College offers associate in arts (AA), associate in science (AS), and associate in applied science (AAS) degrees.

The AA degree is awarded to students who complete university transfer curricula designed to prepare them to enter as juniors at a four-year college or university.

The AS degree is awarded to students who complete technical programs. The AS degree is designed to prepare students for the workforce. A number of these degrees are designed so that students who earn them may transfer their credits into specialized programs at four-year institutions. In addition, students who earn one AS degree may qualify for another. Students wishing to earn a second AS degree must complete at least 15 hours at HCC beyond the first degree. Moreover, they must meet all requirements for the second degree.

The AAS degree is also awarded to students who complete a technical program. However, the AAS degree is designed to be an entry-level, job-preparation degree. It is not designed for transfer to a four-year institution.

To ensure a well-rounded education, degree curricula include general education courses within communications, humanities, natural sciences, mathematics and social and behavioral sciences. Where options are available, they are noted.

### Excess Hours Advisory Statement

Section 1009.086, Florida Statutes, establishes an "excess hour" surcharge for a student seeking a baccalaureate degree at a state university. It is critical that students, including those entering Florida colleges, are aware of the potential for additional course fees.

"Excess hours" are defined as hours that go beyond 120% of the hours required for a baccalaureate degree program. For example, if the length of the program is 120 credit hours, the student may be subject to an excess hour surcharge for any credits attempted beyond 144 credit hours (120 x 120%).

All students whose educational plan may include earning a bachelor's degree should make every effort to enroll in and successfully complete those courses that are required for their intended major on their first attempt. Florida college students intending to transfer to a state university should identify a major or "transfer program" early and be advised of admission requirements for that program, including the approved common prerequisites. Course withdrawals and/or repeats, as well as enrollment in courses, non-essential to the intended major, may contribute to a potential excess hours surcharge.

### Time to Degree and Common Prerequisites

Florida statutes require that associate in arts degrees require no more than 60 credit hours. Those statutes also mandate that the general education courses required for the associates in arts degrees be distributed within designated categories. Courses that comprise the 24 hours of electives may be designated for university program entry.

## Graduation Requirements

To earn an AA, an AS, or an AAS degree, students must:

- Complete the approved curriculum of not less than 60 credits including general education requirements, program requirements, and electives.
- Fulfill the degree requirements under the catalog in effect during the semester that begins the period of continuous enrollment immediately prior to the semester in which the student applies for graduation.

**NOTE:** Continuous enrollment is maintained by registering for at least one term each academic year. If a student's enrollment is interrupted for more than an academic year, the student will be considered a former student returning. A former student returning must meet the graduation requirements of the catalog in effect during the semester that begins the period of continuous enrollment immediately prior to the semester in which the student applies for graduation.

- Earn at least 25 percent of the credit hours applicable to the degree in residence at HCC.

### CLAS-College Level Academic Skills Requirement

- **College Level Academic Skills (CLAS)**, created by the Florida State Board of Education Senate Bill 1676, requires students to demonstrate proficiency in communication and computation prior to graduating, effective July 1, 2009.
- **College Level Academic Skills Test (CLAST)** is no longer available after June 30, 2009.
- Students aspiring to receive an AA degree or to transfer to a university with 60 or more credits, must meet **CLAS Requirements** in order to graduate.
- Students can use a combination of ACT, CPT, SAT1 or 2.5 GPA in certain courses to meet the College Level Academic Skills (CLAS) requirement.

### Ways To Satisfy CLAS Requirements Based on Grades

Students who have earned a grade point average of 2.5 or above in selected post secondary level courses will satisfy the CLAS requirements as follows:

- Students who have earned a 2.5 grade point average in ENC 1101, ENC 1102 or any combination of two college-level courses with a prefix of AML, CRW, ENC, ENG, ENL, or LIT will satisfy the requirement for the English language skills, reading and essay sections of CLAS
- Students who have earned a 2.5 grade point average in two Gordon Rule general education math courses will satisfy the requirement for the computation section of CLAS. Those courses are:
  1. MAC\*105 or any other MAC course with last three digits being higher than 105

- 2. MGF\*106, MGF\*107, MGF\*113, MGF\*114, MGF\*118, MGF\*202 or any other MGF course with the last three digits being higher than 202
- 3. STA\*014 or any other STA course
  - Earned passing score(s) on appropriate CLEP exams
  - \* CLEP exam scores or courses that are accepted in transfer by HCC and used to satisfy a general education or Gordon Rule requirement as outlined in this statute may be used towards the CLAS requirement.

**Based on FCPT, ACT OR SAT TEST Scores**

Students who have earned the following score(s) on the Florida College Placement Test (FCPT), ACT, or SAT exam will satisfy the requirements for one or more sections of CLAS as follows. Students that have passed some, but not all subtests by July 1, 2009, may complete their fulfillment of degree requirements by meeting either FCPT/ACT/SAT or GPA requirements for the subtests not passed.

	FCPT	ACT	SAT 1
English Language Skills/Essay Reading	105	21	500
Reading	93	22	500
Computation	91 (Elem. Alg.)	21 (Math)	500(Math)

There is a \$10 charge per section of the CPT for retake test and there is a 30-day time restriction in between attempts.

**Based on Waiver**

Students who do not meet the required score on the CPT after their first attempt must seek tutoring or academic support in preparation for their next attempt. If, after their second attempt the student does not negotiate the required score, they must request a CLAS waiver by petitioning the CLAS Waiver Committee. The petition must include the results of both examinations and documentation indicating that they participated in tutoring and academic support services.

Students with a documented learning disability and or physical disability who have not achieved a passing score on CLAST or have not satisfied the CLAS requirement, but who otherwise have demonstrated proficiency in coursework in the same subject area, may submit a request for consideration of a waiver of one or more sections of the CLAS.

Students with a documented disability should contact the office for students with disabilities on their respective campus. All requests for a waiver shall be submitted to the appropriate campus dean of student services for review by the CLAS Waiver Committee.

Any student who does not meet the required score after two attempts of the CPT should request a CLAS waiver by petitioning the CLAS Waiver Committee.

If you have questions regarding your graduation or CLAS requirements, you should make arrangements to meet with an academic advisor or counselor.

**In addition:**

- No more than four credit hours of physical education activity/skills courses may be applied toward a degree.

- Students may apply only 12 hours of EAP college-level credits toward a degree.
- Students must have a 2.0 cumulative GPA, and their GPA in HCC courses must be 2.0.

**NOTE:** Credits from other colleges will be used in computing the GPA.

- Students must complete the capstone course for the AA degree. Prior to taking the course, students must have completed at least 45 hours of coursework towards the degree, including at least 24 hours of general education coursework with a minimum grade of "C."
- Candidates must complete an application for graduation before the deadline (see the College operational calendar). Students who wish to receive a diploma must pay a \$10 fee at the time they apply for graduation. Students applying for multiple degrees must pay \$10 for each diploma requested.
- Candidates must fulfill all financial obligations to HCC.

**Programs are subject to change.**

**Students are responsible for obtaining current and accurate information prior to registering for classes.**

## The Associate in Arts Degree

### University Transfer Program

The associate in arts (AA) degree is designed primarily to meet the requirements for a student to transfer to the upper division level of a college or university to continue to work toward a bachelor’s degree.

Students should be aware of the specific requirements for the AA degree imposed by state regulations and law. For example, general education and elective credit requirements integrate requirements established by the Southern Association of Colleges and Schools and Florida’s Gordon Rule.

Meeting graduation requirements for an AA degree from a Florida community college is not synonymous with meeting the specific course requirements to enter a specific program at a state university or private college belonging to the Independent Colleges of Florida.

HCC prepares students for hundreds of possible transfer majors, each of which has a distinct listing of common prerequisite courses designated by the Florida University System. To ensure accuracy in selecting courses, students should refer to the student advising guides available on-line or in the counseling and advising offices. These guides can be adapted to a specific university major including, but not limited to the following:

- Agriculture
- Architecture
- Art
- Building Construction
- Business Administration
- Computer Information Systems
- Computer Science (Engineering)
- Dance
- Dramatic Arts
- Education and Teacher Preparation
- Engineering
- Graphic Design
- Hospitality Administration Management
- Liberal Arts and Sciences
- Mass Communications
- Medical Science
- Music
- Pharmacy

To earn an AA degree, students must complete a minimum of 60 credit hours with no less than 36 credits of specified general education courses and 24 credits in the university transfer program electives. Legislation may further affect the graduation requirement; therefore, students are advised to obtain more current information from the advising and transfer offices.

The articulation agreement between Florida community colleges and state universities specifies that students who have been certified as having satisfactorily completed the general education requirements in a university trans-

fer program are exempt from any additional general education requirements after transferring to a state university or community college. However, to be eligible for admission into a limited access program at a state university, students may be required to take specific prerequisite courses (which may exceed the 60 credit hours) and meet other requirements such as a minimum GPA, minimum ACT/SAT test scores or audition/portfolio.

Students may pursue any combination of university transfer programs, but only one AA degree will be awarded.

Students are advised to contact the specific department of the institution where they plan to transfer as early as possible for information regarding courses to be taken at HCC. Courses required at transfer institutions may fulfill HCC general education requirements or electives.

### General Education Requirements

General education provides a foundation upon which a student’s learning experience is built. It offers students the opportunity to acquire the skills and knowledge necessary to have a broad understanding of a changing world.

The HCC general education program is designed to provide students with the knowledge, skills, and vision necessary to allow them to become valued participants in a complex and culturally diverse world. The program encourages intellectual inquiry, helping students to develop an understanding of the human mind and spirit, as well as a sense of history and the dynamics of the society around them. As students plan for the world that is ahead of them, the general education program gives them an appreciation of the world that preceded them, as well as a frame of reference for the world in which they live.

Students who complete the HCC general education core curriculum should be able to demonstrate their:

- ability to think critically.
- ability to express themselves clearly in written and oral communication.
- ability to express themselves effectively in quantitative terms.
- understanding of and appreciation for the value and significance of culture.
- appreciation of the scientific method of inquiry and the historical and contemporary impact of science on daily life.
- understanding of global political, social, economic, and historical perspectives.
- ability to use technology to access, retrieve, process, and communicate information.

**To earn an AA degree, students must complete 36 hours of general education courses.**

**Group I – Communications and Humanities: 15 credits required**

**Communications: 9 credits required**

ENC 1101	English Composition I .....	3 cr.
ENC 1102	English Composition II .....	3 cr.
SPC 1608	Public Speaking .....	3 cr.

**Humanities: 6 credits required**

AML 2010	American Literature to 1885.....	3 cr.
AML 2020	American Literature: 1885 to Present .....	3 cr.
AML 2600	African-American Literature.....	3 cr.
ARH 1000	Understanding Visual Art.....	3 cr.
DAN 2100	Introduction to Dance.....	3 cr.
ENL 2012	British Literature to 1800.....	3 cr.
ENL 2022	British Literature: 1800 to Present.....	3 cr.
HUM 2210	World Humanities: Prehistory to Early Modern Era .....	3 cr.
HUM 2230	World Humanities: Early Modern to Contemporary.....	3 cr.
HUM 2410	Asian Humanities.....	3 cr.
HUM 2420	African Humanities .....	3 cr.
HUM 2461	Latin-American Humanities .....	3 cr.
LIT 2110	World Literature to 1650.....	3 cr.
LIT 2120	World Literature: 1650 to Present .....	3 cr.
MUL 1010	Introduction to Music.....	3 cr.
PHI 1010	Introduction to Philosophy .....	3 cr.
PHI 1100	Elementary Logic.....	3 cr.
PHI 1600	Ethics .....	3 cr.
REL 2300	Introduction to Religion.....	3 cr.
THE 1000	Introduction to Theatre Arts .....	3 cr.

**Group II – Mathematics and Natural Science: 12 credits required****Math: 6 credits required\***

Students may choose two of the following:

MAC 1105	College Algebra .....	3 cr.
MAC 2241	Calculus for the Life Sciences.....	3 cr.
MGF 1106	Liberal Arts Math I .....	3 cr.
MGF 1107	Liberal Arts Math II.....	3 cr.
STA 2023	Elementary Statistics .....	3 cr.

\*(May take any courses of higher content to substitute)

**Science: 6-8 credits required**

General education requirement in science may be met through any one of the following three options:

**Option I (7 credit hours total)**

Students must select at least one course in biological science and one course in physical science from the following list of courses. The selection must include at least one lecture course with its co-requisite laboratory in biological science or physical science.

**Biological Science**

BSC 1005C	Biological Foundations (non-science majors).....	3 cr.
BSC 1010	Biological Science I .....	3 cr.
BSC 1010L	Biological Science I Lab .....	1 cr.
BSC 1025	Nutrition and Drugs.....	3 cr.
BSC 1025L	Nutrition and Drugs Lab.....	1 cr.
BSC 1085	Human Anatomy and Physiology I.....	3 cr.
BSC 1085L	Human Anatomy and Physiology I Lab..	1 cr.
BSC 1092C	Human Biology.....	3 cr.
IDS 1152C	Environmental Science .....	3 cr.
OCB 2000	Marine Biology .....	3 cr.
OCB 2000L	Marine Biology Lab .....	1 cr.
PCB 1730	Human Reproduction and Inheritance....	3 cr.

PCB 1730L	Human Reproduction and Inheritance Lab .....	1 cr.
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**Physical Science**

AST 1002C	Astronomy.....	3 cr.
CHM 1020C	Chemistry and Society .....	3 cr.
CHM 1032	Chemistry for Health Sciences.....	3 cr.
CHM 1032L	Chemistry for Health Sciences Lab .....	1 cr.
CHM1045	College Chemistry I .....	3 cr.
CHM 1045L	College Chemistry I Lab .....	1 cr.
ESC 1000	Earth Science .....	3 cr.
ESC 1000L	Earth Science Lab .....	1 cr.
GLY 1010	Physical Geology.....	3 cr.
GLY 1010L	Physical Geology Lab.....	1 cr.
MET 2010C	Meteorology .....	3 cr.
PHY 1053	General Physics I.....	3 cr.
PHY 1053L	General Physics I Lab.....	1 cr.
PSC 1515	Energy and the Environment .....	3 cr.
PSC 1515L	Energy and the Environment Lab .....	1 cr.

**Option II (8 credit hours total)**

Students intending to pursue a major in the sciences, health care, or a related field, may wish to fulfill the general education requirement by selecting a biological science and a physical science with their corequisite laboratories from the following list of courses:

**Biological Science**

BSC 1010	Biological Science I.....	3 cr.
BSC 1010L	Biological Science I Lab.....	1 cr.
BSC 1085	Human Anatomy and Physiology I.....	3 cr.
BSC 1085L	Human Anatomy and Physiology I Lab..	1 cr.
OCB 2000	Marine Biology .....	3 cr.
OCB 2000L	Marine Biology Lab.....	1 cr.

**Physical Science**

CHM 1045	College Chemistry I .....	3 cr.
CHM 1045L	College Chemistry I Lab .....	1 cr.
CHM 1032	Chemistry for Health Science .....	3 cr.
CHM 1032L	Chemistry for Health Science Lab .....	1 cr.
GLY 1010	Physical Geology.....	3 cr.
GLY 1010L	Physical Geology Lab.....	1 cr.
PHY 1053	General Physics I.....	3 cr.
PHY 1053L	General Physics I Lab.....	1 cr.

**Option III (6 credit hours total)**

Students who possess an interest in science but who do not intend to major in a science discipline may wish to fulfill the general education requirement by completing the two-part integrated natural science course sequence listed below. ISC 1004C and ISC 1005C both cover biological and physical science objectives. Due to the integrated approach of these courses, the student must successfully complete both courses with a grade of "C" or higher for either of the courses to count toward satisfaction of the general education requirement in science. Should the student successfully complete only one of the courses, that course will be considered an elective credit only.

**Integrated Science Course Program**

ISC 1004C	Integrated Natural Science I	3 cr
ISC 1005C	Integrated Natural Science II	3 cr

**Group III – Social Science: 9 credits required****Behavioral Science (3 credits required)**

ANT 2000	Introduction to Anthropology	3 cr.
PSY 2012	General Psychology	3 cr.
SYG 2000	Introduction to Sociology	3 cr.

**History (3 credits required)**

AMH 1010	Early American History	3 cr.
AMH 1020	Modern American History	3 cr.
EUH 1000	The Western World: Origins to Early Modern Europe	3 cr.
EUH 1001	The Western World: Modern Europe	3 cr.
POS 2041	American Government	3 cr.

**Behavioral Science, History, Political Science  
(3 credits required)**

AMH 1010	Early American History	3 cr.
AMH 1020	Modern American History	3 cr.
ANT 2000	Introduction to Anthropology	3 cr.
EUH 1000	The Western World Origins to Early Modern Europe	3 cr.
EUH1001	The Western World: Modern Europe	3 cr.
POS1001	Introduction to Political Science	3 cr.
POS2041	American Government	3 cr.
PSY 2012	General Psychology	3 cr.
SYG2000	Introduction to Sociology	3 cr.

**NOTE:** ENC 1151, Technical English may substitute as the English requirement in the associate in applied science Industrial Management Technology program.

**NOTE:** MGF 1119, Introductory Mathematics with Applications, may substitute as the math requirement in the associate in applied science degree.

**Computer Proficiency Requirement**

Computer proficiency is a core requirement of the associate in arts degree general education curriculum. Students must demonstrate computer proficiency in one of the following ways:

1. Successfully complete the approved HCC computer course, CGS 1000 (3 Credits). Successful completion requires that the student earn a grade of "C" or better in the course.
2. Provide an official transcript demonstrating successful completion of a college/university course(s) equivalent to the approved HCC course(s).
3. Pass the proficiency test administered by the college.

Students should check with the counseling/advising office on their campus for specific information about fulfilling the requirement to demonstrate computer proficiency.

**Gordon Rule Requirements**

State Board of Education Rule 6A-10.030 (the Gordon Rule) is a rule stipulating requirements of student performance in both the communications and mathematics areas. Satisfactory completion of this rule requires that a student earn a grade of "C" or better in each applicable course.

Students fulfill the Gordon Rule requirement upon successful completion of the general education curriculum. Within the communications area, the student is required to complete writing assignments as designated in the instructors' syllabi in the areas of English, humanities, history, natural science, physical science, behavioral science, and history/political science. Within the mathematics area, completion of the general education mathematics courses fulfills the requirement. Prerequisite courses must be completed, or appropriate test scores attained, before enrolling in Gordon Rule courses.

**Capstone Course Requirement  
(IDS 2110, CONNECTIONS)**

The capstone course (IDS 2110, Connections) is an interdisciplinary course that allows students to synthesize key components of their general education experience. Based on the selected topics approach, the course summarizes major points in the bodies of knowledge that were acquired while students participated in the general education curriculum, and it provides opportunities for students to use the knowledge and skills gained from their general education experience in an applied manner. Required for graduation by students enrolled in the associate in arts degree program, the course involves research skills, the application of theoretical models, and the use of learned skills. Prior to taking the course, students must have completed at least 45 hours of coursework towards the degree, including at least 24 hours of general education coursework with a minimum grade of "C."

**State University Foreign Language Requirement**

Although a student who has not earned two credits of sequential foreign language at the secondary level is not required to take a foreign language to graduate from HCC, a student must successfully complete 8 to 10 hours of one foreign language at the college level for undergraduate admission to a state university. Thus, if students intend to transfer to a four-year university, they should consider completing their foreign language requirement at HCC.

Two years of American Sign Language at the secondary level or 8 to 10 credits at the postsecondary level also satisfy the language admission requirement.

## AA • Associate in Arts Degree

Students may pursue any combination of university transfer programs, but **only one AA degree will be awarded**. Any transferrable course may be included and used as an AA elective, unless program restrictions apply. The following information represents the most common majors students pursue upon transferring to a university. Consult an academic advisor for information on any majors not listed.

For a list of HCC approved general education courses and specific details regarding individual majors, consult the appropriate advising guide available from the HCC website at [www.hccfl.edu](http://www.hccfl.edu) or any campus advising office.

### AA • Agriculture

#### AA.AGR (60 credit hours)

This pre-major is for students who want to pursue a four-year degree in agricultural fields such as agricultural-education, media, engineering, agronomy, animal science, forestry, plant science and food science.

Careers include teaching, writing, sales, manufacturing, farm management, extension services, animal breeding, other jobs working directly with plants and animals as well as a variety of positions in agricultural businesses and related industries.

**General Education Requirements** ..... 36 cr.

**Recommended Courses/Electives** ..... 24 cr.

**NOTE 1:** The list is a guideline. The following courses may be applied toward your degree at the institution where you plan to transfer. It is the student's responsibility to contact the institution to ensure transferability. Consult an advisor or counselor for general education and recommended courses/electives for this pre-major, or consult the appropriate advising guide on the HCC website ([www.hccfl.edu](http://www.hccfl.edu)).

**NOTE 2:** IDS 2110, Connections is required for graduation.

#### Recommended Courses

BSC	1011	Biological Science II	3 cr.
BSC	1011L	Biological Science II Laboratory	1 cr.
CHM	1046	College Chemistry II	3 cr.
CHM	1046L	College Chemistry II Laboratory	1 cr.
ECO	2013	Principles of Macroeconomics	3 cr.
ECO	2023	Principles of Microeconomics	3 cr.
PHY	1053	General Physics I	3 cr.
PHY	1053L	General Physics I Laboratory	1 cr.
STA	2023	Elementary Statistics	3 cr.

**NOTE 3:** The associate in arts degree may be awarded upon satisfactory completion of 60 credit hours. Students are advised to complete the above planned program in order to transfer into a similar program at senior institutions.

### AA • Architecture

#### AA.ARC (72 credit hours)

This pre-major is for students who want to pursue a four-year degree in architectural design, interior design and landscape architecture.

Careers include interior and building design, furniture and lighting design, urban planning, industrial design and sales as well as jobs in the environmental field and construction industry.

**General Education Requirements** ..... 36 cr.

**Recommended Courses/Electives** ..... 24 cr.

**NOTE 1:** The list is a guideline. Consult an advisor or counselor for general education and recommended courses/electives for this pre-major, or consult the appropriate advising guide on the HCC website ([www.hccfl.edu](http://www.hccfl.edu)).

**NOTE 2:** IDS 2110, Connections is required for graduation.

#### Recommended Courses

ARC	1211	The Building Arts	3 cr.
ARC*	1301	Architectural Design I	4 cr.
ARC	1302	Architectural Design II	4 cr.
ARC*	1701	Survey of Architectural History I	3 cr.

ARC	2201	Theory of Architecture .....	3 cr.
ARC	2303	Architectural Design III.....	5 cr.
ARC	2304	Architectural Design IV.....	5 cr.
ARC	2461	Materials and Methods I.....	3 cr.
ARC	2501	Architectural Structure I.....	4 cr.
MAC	2233	Calculus for Business.....	3 cr.
PHY	1053	General Physics I.....	3 cr.
PHY	1053L	General Physics I Laboratory.....	1 cr.

\* Recommended course(s) for the first semester.

**NOTE 3:** The associate in arts degree may be awarded upon satisfactory completion of 60 credit hours. Students are advised to complete the above planned program in order to transfer into a similar program at senior institutions.

## AA • Art

### AA.ART (60 credit hours)

This pre-major is for students who want to pursue a four-year college/university degree in such fields as fine arts, art education, art history, and design. The track offers foundation courses in studio skills and studio methods. Major studies include design, drawing, painting, sculpture, printmaking, ceramics, photography, and graphic art. Depending upon personal development, students may choose to work in a variety of art media or concentrate in a specialized area.

**General Education Requirements**..... 36 cr.

**Recommended Courses/Electives**..... 24 cr.

**NOTE 1:** The list is a guideline. Consult an advisor or counselor for general education and recommended courses/electives for this pre-major, or consult the appropriate advising guide on the HCC website ([www.hccfl.edu](http://www.hccfl.edu)).

**NOTE 2:** IDS 2110, Connections is required for graduation.

### Recommended Courses

ART	1202C	Design Foundations.....	3 cr.
ART	1203C	Three Dimensional Design.....	3 cr.
ART	1300C	Drawing I.....	3 cr.
ART	2301C	Drawing II.....	3 cr.
ARH	1050	Art History I.....	3 cr.
ARH	1051	Art History II.....	3 cr.

### Select 6 credit hours from the following media courses:

ART	2400C	Printmaking I.....	3 cr.
ART	2500C	Painting I.....	3 cr.
ART	2600C	Introduction to Digital Art.....	3 cr.
ART	2701C	Sculpture I.....	3 cr.
ART	2750C	Ceramics I.....	3 cr.
PGY	2401C	Photography I.....	3 cr.

**NOTE 3:** The associate in arts degree may be awarded upon satisfactory completion of 60 credit hours. Students are advised to complete the above planned program in order to transfer into a similar program at senior institutions.

## AA • Building Construction

### AA.BCN (60 credit hours)

This pre-major is for students who want to pursue a four-year degree in building construction, development, contracting or related industries.

Careers include construction manager, contractor, building inspector, owning or managing a construction firm as well as a variety of jobs within the construction industry and related fields.

**General Education Requirements**..... 36 cr.

**Recommended Courses/Electives**..... 24 cr.

**NOTE 1:** The list is a guideline. Consult an advisor or counselor for general education and recommended courses/electives for this pre-major, or consult the appropriate advising guide on the HCC website ([www.hccfl.edu](http://www.hccfl.edu)).

**NOTE 2:** IDS 2110, Connections is required for graduation.

### Recommended Courses

ACG	2021	Financial Accounting.....	3 cr.
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ARC	2501	Architectural Structures I.....	4 cr.
BCN	1210	Construction Materials and Processes.....	3 cr.
BCN	1250	Introduction to Graphic Technology.....	3 cr.
BUL	1241	Business Law I.....	3 cr.
CGS	1000	Introduction to Computers and Technology.....	3 cr.
ECO	2013	Principles of Microeconomics.....	3 cr.
ENC	1151	Technical English I.....	3 cr.
MAC	2233	Calculus for Business & Social Sciences.....	3 cr.
PHY	1053	General Physics I.....	3 cr.
PHY	1053L	General Physics I Laboratory.....	1 cr.
PHY	1054	General Physics II.....	3 cr.
PHY	1054L	General Physics II Laboratory.....	1 cr.
STA	2023	Elementary Statistics.....	3 cr.

**NOTE 3:** The associate in arts degree may be awarded upon satisfactory completion of 60 credit hours. Students are advised to complete the above planned track in order to transfer into a similar program at senior institutions.

## AA • Business Administration

### AA.BUS (60 credit hours)

This pre-major is for students who want to pursue a four-year degree in business, specializing in such fields as accounting, economics, finance, insurance, marketing and management.

Careers include various management positions in nearly every business and industry, such as sales, accountant, labor negotiator and business owner.

**General Education Requirements**..... 36 cr.

**Recommended Courses/Electives**..... 24 cr.

**NOTE 1:** The list is a guideline. Consult an advisor or counselor for general education and recommended courses/electives for this pre-major, or consult the appropriate advising guide on the HCC website ([www.hccfl.edu](http://www.hccfl.edu)).

**NOTE 2:** IDS 2110, Connections is required for graduation.

### Recommended Courses

ACG	2021	Introduction to Financial Accounting.....	3 cr.
ACG	2071	Managerial Accounting.....	3 cr.
CGS	1000	Introduction to Computers and Technology.....	3 cr.
ECO	2013	Principles of Macroeconomics.....	3 cr.
ECO	2023	Principles of Microeconomics.....	3 cr.
MAC	2233	Calculus for Business.....	3 cr.
STA	2023	Elementary Statistics.....	3 cr.
		Business Related Electives.....	3 cr.

**NOTE 3:** The associate in arts degree may be awarded upon satisfactory completion of 60 credit hours. Students are advised to complete the above planned program in order to transfer into a similar program at senior institutions.

## AA • Computer Information Systems

### AA.CIS (60 credit hours)

This pre-major is for students who want to pursue a four-year degree in computer and information sciences and work in business or related fields.

Careers include finance analysts, actuaries, statisticians, economists, and positions in designing, testing and implementing computer programs in various segments of business and industry, management, operations and business planning.

**General Education Requirements**..... 36 cr.

**Recommended Courses/Electives**..... 24 cr.

**NOTE 1:** The list is a guideline. Consult an advisor or counselor for general education and recommended courses/electives for this pre-major, or consult the appropriate advising guide on the HCC website ([www.hccfl.edu](http://www.hccfl.edu)).

**NOTE 2:** IDS 2110, Connections is required for graduation.

### Recommended Courses

ACG	2021	Introduction to Financial Accounting.....	3 cr.
ACG	2071	Managerial Accounting.....	3 cr.
CGS	1000	Introduction to Computers and Technology.....	3 cr.

COP	1120	COBOL, Beginning.....	3 cr.
ECO	2013	Principles of Macroeconomics .....	3 cr.
ECO	2023	Principles of Microeconomics.....	3 cr.
MAC	2233	Calculus for Business.....	3 cr.
STA	2023	Elementary Statistics .....	3 cr.

**NOTE 3:** The associate in arts degree may be awarded upon satisfactory completion of 60 credit hours. Students are advised to complete the above planned program in order to transfer into a similar program at senior institutions.

## AA • Computer Science (Engineering)

### AA.COMP (65 credit hours)

This pre-major is for students who want to pursue a four-year degree in computer and information engineering sciences. Careers are of a technical nature, including planning and developing new computer systems, computer programming, software development, systems analyst and technical writing.

**General Education Requirements** ..... 36 cr.

**Recommended Courses/Electives** ..... 24 cr.

**NOTE 1:** The list is a guideline. Consult an advisor or counselor for general education and recommended courses/electives for this pre-major, or consult the appropriate advising guide on the HCC website ([www.hccfl.edu](http://www.hccfl.edu)).

**NOTE 2:** IDS 2110, Connections is required for graduation.

#### Recommended Courses

MAC	2311	Calculus and Analytic Geometry I .....	5 cr.
MAC	2312	Calculus and Analytic Geometry II .....	5 cr.
MAC	2313	Calculus and Analytical Geometry.....	5 cr.
PHY	2048	General Physics with Calculus I .....	4 cr.
PHY	2048L	General Physics with Calculus I Laboratory.....	1 cr.
PHY	2049	General Physics with Calculus II.....	4 cr.
PHY	2049L	General Physics with Calculus II Laboratory.....	1 cr.

**NOTE 3:** The associate in arts degree may be awarded upon satisfactory completion of 60 credit hours. Students are advised to complete the above planned track in order to transfer into a similar program at senior institutions.

## AA • Dance

### AA.DAN (63 credit hours)

This pre-major is for students who wish to pursue a four-year degree in dance. Careers include performing, teaching, and choreographing.

**General Education Requirements** ..... 36 cr.

**Recommended Courses/Electives** ..... 24 cr.

**NOTE 1:** The list is a guideline. Consult an advisor or counselor for general education and recommended courses/electives for this pre-major, or consult the appropriate advising guide on the HCC website ([www.hccfl.edu](http://www.hccfl.edu)).

**NOTE 2:** IDS 2110, Connections is required for graduation.

#### Recommended Courses

DAA	1101	Modern Dance I.....	2-4 cr.*
DAA	1104	Modern Dance II.....	2-4 cr.*
DAA	2105	Modern Dance III.....	2-4 cr.*
DAA	2106	Modern Dance IV .....	2-4 cr.*
DAA	1200	Ballet I .....	2-4 cr.*
DAA	1204	Ballet II .....	2-4 cr.*
DAA	2205	Ballet III.....	2-4 cr.*
DAA	2206	Ballet IV.....	2-4 cr.*
DAA	1610L	Dance Composition I.....	2 cr.
DAA	1680L	Dance Ensemble.....	1 cr.
DAN	1600C	Music for Dance.....	2 cr.
DAN	2100	Introduction to Dance.....	3 cr.
		Specified Elective.....	1 cr.

**Select 1 specified elective from the following:**

DAA	1800	Dance Basics.....	1 cr.
DAA	1680L	Dance Ensemble.....	1 cr.
DAA	1900	Dance Practicum.....	1 cr.
DAA	2500L	Jazz Dance.....	1 cr.

\* Students must enroll in a level of ballet or modern dance each semester. A specific level of ballet (I-IV) and modern dance (I-IV) may be taken twice for credit (eight hours of any level).

**NOTE 3:** Although students receive an associate in arts degree after 60 credit hours are earned, it is recommended that students take additional program electives, and participate in ballet, modern dance and dance ensemble each semester. This proficiency level is important for acceptance at state universities.

**AA • Dramatic Arts**

**AA.THE (60 credit hours)**

This pre-major is for students who wish to pursue a four-year degree in drama or theatre. Careers include performing, teaching, writing, and directing.

**General Education Requirements** ..... 36 cr.

**Recommended Courses/Electives** ..... 24 cr.

**NOTE 1:** The list is a guideline. Consult an advisor or counselor for general education and recommended courses/electives for this pre-major, or consult the appropriate advising guide on the HCC website ([www.hccfl.edu](http://www.hccfl.edu)).

**NOTE 2:** IDS 2110, Connections is required for graduation.

**Recommended Courses**

THE	1000	Introduction to Theatre .....	3 cr.
TPP	1110	Acting I.....	3 cr.
TPP	1111	Acting II .....	3 cr.
TPA	1290	Performance Workshop.....	3 cr.
TPA	1200	Stagecraft.....	3 cr.
TPA	1248	Make-up for the Stage .....	3 cr.
THE	1304	Script Analysis.....	3 cr.
TPP	1160	Voice and Movement Techniques.....	3 cr.

**NOTE 3:** The associate in arts degree may be awarded upon satisfactory completion of 60 credit hours. Students are advised to complete the above planned program in order to transfer into a similar program at senior institutions.

**AA • Education/Teacher Preparation**

**AA.EDU (60 credit hours)**

This pre-major is for students who want to pursue a four-year degree in education. Consult the appropriate advising guide on the HCC website at [www.hccfl.edu](http://www.hccfl.edu).

**General Education Requirements** ..... 36 cr.

**Specified Electives** ..... 9 cr.

**Electives\*** ..... 9 cr.

**Diversity/International Focused Electives\*\*** ..... 6 cr.

**Students planning to become classroom teachers must have a standard high school diploma or a GED.**

**NOTE 1:** The list is a guideline. Consult an advisor or counselor for general education and recommended courses/electives for this pre-major, or consult the appropriate advising guide on the HCC website ([www.hccfl.edu](http://www.hccfl.edu)).

**NOTE 2:** IDS 2110, Connections is required for graduation.

**Specified Electives**

EDF	1005	Introduction to the Teaching Profession .....	3 cr.
EDF	2085	Introduction to Diversity for Educators .....	3 cr.
EME	2040	Introduction to Technology for Educators.....	3 cr.
		Electives* .....	9 cr.

**Select 6 credit hours from the following international or diversity focused courses:\*\***

AFA	1000	Introduction to Black Studies.....	3 cr.
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ANT	2000	Introduction to Anthropology .....	3 cr.
ARH	1000	Understanding Visual Art.....	3 cr.
ANT	2410	Cultural Anthropology.....	3 cr.
ARH	1050	Art History I.....	3 cr.
ARH	1051	Art History II .....	3 cr.
DAN	2100	Introduction to Dance.....	3 cr.
HUM	2210	World Humanities: Prehistory to Early Modern Era.....	3 cr.
HUM	2230	World Humanities: Early Modern to Contemporary .....	3 cr.
HUM	2410	Asian Humanities.....	3 cr.
HUM	2420	African Humanities .....	3 cr.
HUM	2461	Latin-American Humanities .....	3 cr.
REL	2300	Introduction to Religion.....	3 cr.
LAH	1020	Survey of Latin-American History .....	3 cr.
MUL	1010	Introduction to Music.....	3 cr.
PHI	1010	Introduction to Philosophy .....	3 cr.
PHI	1100	Elementary Logic.....	3 cr.
PHI	1600	Ethics .....	3 cr.
PSY	2012	General Psychology.....	3 cr.
SYG	2000	Introduction to Sociology.....	3 cr.
THE	1000	Introduction to Theatre Arts .....	3 cr.

**NOTE 3:** The associate in arts degree may be awarded upon satisfactory completion of 60 credit hours. Students are advised to complete the above planned program in order to transfer into a similar program at senior institutions.

\*Students should select these electives based on common program prerequisites for the intended upper division major.

\*\*Any approved general education course previously listed, but not used to satisfy another general education requirement may be used to fulfill this area.

## AA • Engineering

### AA.ENG (60 credit hours)

This pre-major is for students who want to pursue a four-year degree in electrical, mechanical, civil, computer science, aerospace, nuclear, agricultural, industrial and environmental engineering. Options in surveying and mapping and materials design and testing are also available.

Careers include positions in the areas of design, testing, research, architecture, electronics, robotics, manufacturing, sales, construction management and technical writing.

<b>General Education Requirements</b> .....	36 cr.
<b>Recommended Courses/Electives</b> .....	24 cr.

**NOTE 1:** The list is a guideline. Consult an advisor or counselor for general education and recommended courses/electives for this pre-major, or consult the appropriate advising guide on the HCC website ([www.hccfl.edu](http://www.hccfl.edu)).

**NOTE 2:** IDS 2110, Connections is required for graduation.

### Recommended Courses

MAC	2311	Calculus and Analytic Geometry I .....	5 cr.
MAC	2312	Calculus and Analytic Geometry II .....	5 cr.
MAC	2313	Calculus and Analytic Geometry III.....	5 cr.
MAP	2302	Differential Equations .....	3 cr.
PHY	2048	General Physics with Calculus I .....	4 cr.
PHY	2048L	General Physics with Calculus I Laboratory .....	1 cr.
PHY	2049	General Physics with Calculus II .....	4 cr.
PHY	2049L	General Physics with Calculus II Laboratory.....	1 cr.
CHM	1045	College Chemistry I.....	3 cr.
CHM	1045L	College Chemistry I Laboratory.....	1 cr.

**NOTE 3:** The associate in arts degree may be awarded upon satisfactory completion of 60 credit hours. Students are advised to complete the above planned program in order to transfer into a similar program at senior institutions.

## AA • Graphic Design

### AA.GRA (60 credit hours)

This pre-major is for students who wish to pursue a four-year degree in graphic arts or commercial arts. Careers include creating graphics for newspapers, television, web pages, magazines or any media format.

**General Education Requirements** ..... 36 cr.

**Recommended Courses/Electives** ..... 24 cr.

**NOTE 1:** The list is a guideline. Consult an advisor or counselor for general education and recommended courses/electives for this pre-major, or consult the appropriate advising guide on the HCC website ([www.hccfl.edu](http://www.hccfl.edu)).

**NOTE 2:** IDS 2110, Connections is required for graduation.

#### Recommended Courses

ARH	1051	Art History II .....	3 cr.
ART	1202C	Design Foundations.....	3 cr.
ART	1300C	Drawing I.....	3 cr.
GRA	2111C	Graphic Design.....	3 cr.
PGY	2401C	Photography I.....	3 cr.

#### Select 9 credit hours from the following:

ARH	1050	Art History I.....	3 cr.
ART	1203C	Three Dimensional Design.....	3 cr.
ART	2301C	Drawing II.....	3 cr.
GRA	2156C	Digital Illustration .....	3 cr.
PGY	2801C	Digital Photography I.....	3 cr.

**NOTE 3:** The associate in arts degree may be awarded upon satisfactory completion of 60 credit hours. Students are advised to complete the above planned program in order to transfer into a similar program at senior institutions.

## AA • Hospitality Administration Management

### AA.HOS.ADMIN.MGMT (60 credit hours)

This pre-major is for students who want to pursue a four-year degree in hospitality administration management. It allows a student the ability to complete the 36 hours of general education while meeting the common prerequisite requirements for university admission into the hospitality administration program.

**General Education Requirements** ..... 36 cr.

**Recommended Courses/Electives** ..... 24 cr.

**NOTE 1:** The list is a guideline. Consult an advisor or counselor for general education and recommended courses/electives for this pre-major, or consult the appropriate advising guide on the HCC website ([www.hccfl.edu](http://www.hccfl.edu)).

**NOTE 2:** IDS 2110, Connections is required for graduation.

#### Recommended Courses

ACG	2021	Financial Accounting.....	3 cr.
ACG	2071	Managerial Accounting.....	3 cr.
CGS	1000	Introduction to Computers & Technology .....	3 cr.
ECO	2013	Principles of Macroeconomics .....	3 cr.
ECO	2023	Principles of Microeconomics.....	3 cr.
HFT	1000	Lodging Management .....	3 cr.
MAC	2233	Calculus for Business.....	3 cr.
		Electives .....	3 cr.

**NOTE 3:** The associate in arts degree may be awarded upon satisfactory completion of 60 credit hours. Students are advised to complete the above planned program in order to transfer into a similar program at senior institutions.

## AA • Liberal Arts and Sciences

### AA.LA (60 credit hours)

This pre-major is for students who want to pursue a four-year degree in liberal arts or a variety of fields. Depending upon the focus of study, careers are available in such fields as linguistics, criminal justice, history, ethnic studies, foreign language, social sciences, journalism and computer science.

**General Education Requirements** ..... 36 cr.

**Recommended Courses/Electives** ..... 24 cr.

**NOTE 1:** Consult an advisor or counselor for general education and recommended courses/electives for this pre-major, or consult the appropriate advising guide on the HCC website ([www.hccfl.edu](http://www.hccfl.edu)).

**NOTE 2:** IDS 2110, Connections is required for graduation.

**NOTE 3:** The associate in arts degree may be awarded upon satisfactory completion of 60 credit hours. Students are advised to complete the above planned program in order to transfer into a similar program at senior institutions.

**AA • Mass Communications****AA.MMC (60 credit hours)**

This pre-major is for students who want to pursue a four-year degree in mass communications, journalism, advertising, public relations, education and telecommunications.

Careers include writing for various media, broadcasting, corporate communications, spokesperson for governmental agencies, various jobs such as copy writing within the advertising and public relations fields, video and audio-visual production and sales and political lobbyist.

**General Education Requirements** ..... 36 cr.**Recommended Courses/Electives** ..... 24 cr.

**NOTE 1:** The list is a guideline. Consult an advisor or counselor for general education and recommended courses/electives for this pre-major, or consult the appropriate advising guide on the HCC website ([www.hccfl.edu](http://www.hccfl.edu)).

**NOTE 2:** IDS 2110, Connections is required for graduation.

**Recommended Courses**

MMC	2000	Introduction to Mass Communication .....	3 cr.
MMC	2100	Writing for Mass Communication.....	3 cr.
POS	2041	American Government.....	3 cr.
POS	2112	State and Local Government.....	3 cr.
PSY	2012	General Psychology.....	3 cr.
SYG	2000	Introduction to Sociology.....	3 cr.
		Electives .....	6 cr.

**NOTE 3:** The associate in arts degree may be awarded upon satisfactory completion of 60 credit hours. Students are advised to complete the above planned program in order to transfer into a similar program at senior institutions.

**AA • Medical Sciences: Dental, Medical and Veterinary****AA.DENT, AA.MED, AA.VET (60 credit hours)**

This pre-major is for students who want to pursue a four-year degree and/or professional programs in these fields. Depending upon the chosen degree, careers include dentist, physician, chiropractor, pharmacist, veterinarian and teacher, plus a variety of other jobs in related fields such as physical or occupational therapist, researcher and salesperson.

**General Education Requirements** ..... 36 cr.**Recommended Courses/Electives** ..... 24 cr.

**NOTE 1:** The list is a guideline. Consult an advisor or counselor for general education and recommended courses/electives for this pre-major, or consult the appropriate advising guide on the HCC website ([www.hccfl.edu](http://www.hccfl.edu)).

**NOTE 2:** IDS 2110, Connections is required for graduation.

**NOTE 3:** Recommended courses that are part of the general education curriculum should be taken to fulfill the general education requirement so that the student does not exceed 60 credit hours. The courses below that are part of the general education curriculum are followed by an asterisk(\*).

**Recommended Courses**

BSC	1011	Biological Science II .....	3 cr.
BSC	1011L	Biological Science II Laboratory.....	1 cr.
CHM	1046	College Chemistry II.....	3 cr.
CHM	1046L	College Chemistry II Laboratory .....	1 cr.
CHM	2210	Organic Chemistry I.....	4 cr.
CHM	2210L	Organic Chemistry I Laboratory.....	1 cr.
CHM	2211	Organic Chemistry II.....	4 cr.
CHM	2211L	Organic Chemistry II Laboratory .....	1 cr.
MAC	2311	Calculus and Analytic Geometry I or MAC 2241, Calculus for Life Sciences .....	5 cr.*
PHY	1054	General Physics II.....	3 cr.

PHY	1054L	General Physics II Laboratory.....	1 cr.
STA	2023	Elementary Statistics .....	3 cr.*

**NOTE 4:** The associate in arts degree may be awarded upon satisfactory completion of 60 credit hours. Students are advised to complete the above planned track in order to transfer into a similar program at senior institutions.

## AA • Music

### AA.MUSIC (65 credit hours)

This pre-major is for students who want to pursue a four-year degree in music, music education, therapy, publishing, or music history. Careers include performing, composing, teaching, music therapy, music critic, booking agent, concert manager, publishing, sales, music storeowner, instrument repair, audio and sound technician.

<b>General Education Requirements</b> .....	36 cr.
<b>Recommended Courses/Electives</b> .....	29 cr.

**NOTE 1:** The list is a guideline. Consult an advisor or counselor for general education and recommended courses/electives for this pre-major, or consult the appropriate advising guide on the HCC website ([www.hccfl.edu](http://www.hccfl.edu)).

**NOTE 2:** IDS 2110, Connections is required for graduation.

### Recommended Courses

*MUT	1111	Theory I .....	3 cr.
MUT	1112	Theory II.....	3 cr.
MUT	2116	Theory III .....	3 cr.
MUT	2117	Theory IV .....	3 cr.
*MUT	1241L	Sight Singing and Ear Training I.....	1 cr.
MUT	1242L	Sight Singing and Ear Training II .....	1 cr.
MUT	2246L	Sight Singing and Ear Training III.....	1 cr.
MUT	2247L	Sight Singing and Ear Training IV.....	1 cr.
MUN	_____	Performance Courses (1 cr. hr. ea.) .....	4 cr.
**MUS	1010	Recital Attendance Courses .....	0 cr.
*MV	_____	Applied Music Courses .....	8 cr.

**NOTE:** Specific performance and applied music course numbers vary by term. Consult the schedule for the current course number.

**NOTE:** Students interested in a music education track should take:

EDF	1005	Introduction to the Teaching Profession .....	3 cr.
EDF	2085	Introduction to Diversity for Educators .....	3 cr.
EME	2040	Introduction to Technology for Educators.....	3 cr.

\* Recommended course(s) for the first semester.

\*\*Required of all students enrolled in applied music courses.

**NOTE 3:** The associate in arts degree may be awarded upon satisfactory completion of 60 credit hours. Students are advised to complete the above planned track in order to transfer into a similar program at senior institutions.

## AA • Pharmacy

### AA.PHAR (66 credit hours)

This pre-major is for students who want to pursue a degree in pharmacy.

<b>General Education Requirements</b> .....	36 cr.
<b>Recommended Courses/Electives</b> .....	24 cr.

**NOTE 1:** The list is a guideline. Consult an advisor or counselor for general education and recommended courses/electives for this pre-major, or consult the appropriate advising guide on the HCC website ([www.hccfl.edu](http://www.hccfl.edu)).

**NOTE 2:** IDS 2110, Connections is required for graduation.

### Recommended Courses

BSC	1011	Biological Science II .....	3 cr.
BSC	1011L	Biological Science II Laboratory.....	1 cr.
CHM	1046	College Chemistry II.....	3 cr.
CHM	1046L	College Chemistry II Laboratory .....	1 cr.

CHM	2210	Organic Chemistry I.....	4 cr.
CHM	2210L	Organic Chemistry I Laboratory.....	1 cr.
CHM	2211	Organic Chemistry II.....	3 cr.
CHM	2211L	Organic Chemistry II Laboratory .....	1 cr.
MAC	2311	Calculus and Analytic Geometry I <b>or</b> MAC 2241, Calculus for Life Sciences .....	5 cr.
PHY	1053	General Physics I.....	3 cr.
PHY	1053L	General Physics I Laboratory.....	1 cr.
PHY	1054	General Physics II.....	3 cr.
PHY	1054L	General Physics II Laboratory.....	1 cr.

**NOTE 3:** The associate in arts degree may be awarded upon satisfactory completion of 60 credit hours. Students are advised to complete the above planned track in order to transfer into a similar program at senior institutions.