

2025-26

BUSINESS, INDUSTRY TECHNOLOGY,& MANUFACTURING PATHWAY



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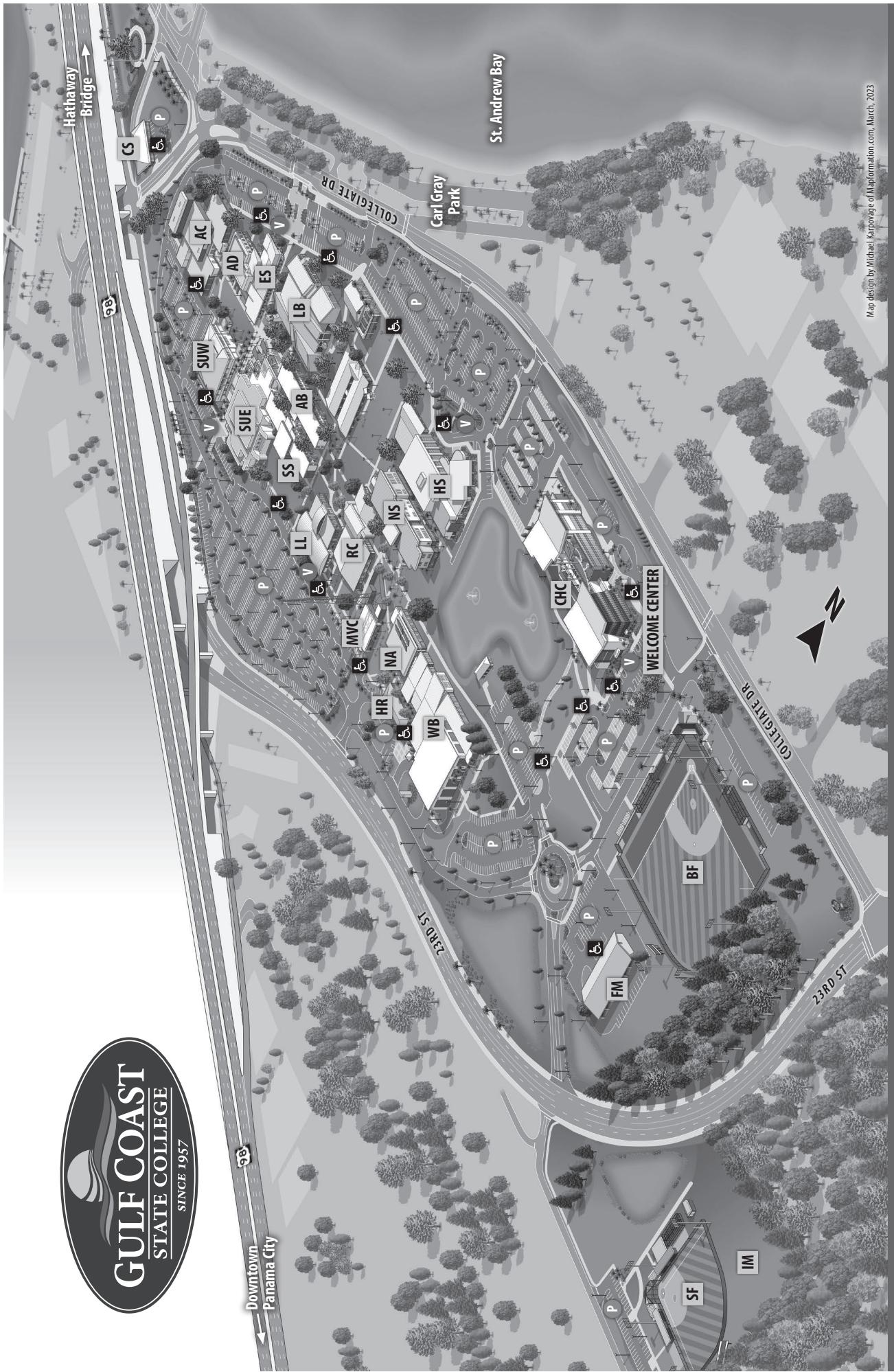
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PANAMA CITY CAMPUS

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AC	Amelia G. Tapper Center for the Arts
AB	J.R. Asbell Building
AD	Administration Building
BF	Baseball/Bill Frazier Field
CHC	Charles Hilton Center/Welcome Center (John Holley Dining Room/WHGC/ Dual Enrollment)
ES	Enrollment Services Building (Admissions/Financial Aid/Foundation)
FM	Facilities Maintenance
HR	Human Resources
IM	Health Sciences Building
LL	Intramural Field
LB	Language & Literature Building Library
SUE	Military and Veterans Resource Center
SUW	Natural Sciences Building
WB	Rosewald Junior College Classroom Building
P	Softball/Joe Tom King Field
V	Social Sciences Building
SS	Student Union East (Navigation Center)
WB	Student Union West (Bookstore/Testing/RO/VRBC)
IM	Wellness Building/Fitness Center
IM	Parking Lots
LB	Visitor Parking
ES	Accessible Parking

		Fall 2025 (202508)			Spring 2026 (202601)			Summer 2026 (202605)			
		Session A 8/18 - 12/12	Session B 8/18 - 10/8	Session C 10/13 - 12/12	Session A 1/9 - 5/8	Session B 1/9 - 3/4	Session C 3/5 - 5/8	Session A 5/15 - 7/31	Session B 5/15 - 6/24	Session C 6/25 - 7/31	Session E 6/8 - 7/31
First time in college students must attend an orientation session to be eligible for registration.											
Early Registration for Students Receiving Veteran Benefits from GCSC	March 28	March 28	March 28	October 31	October 31	October 31	October 31	March 27	March 27	March 27	
Open Registration for all campuses	March 31	March 31	March 31	November 3	November 3	November 3	November 3	March 30	March 30	March 30	
See in service Day below.*											
Web registration will be available when college is closed except for scheduled maintenance windows.											
Registration Fees Due	August 8	August 8	(After August 8, fees due at point of registration)	January 8	January 8	(After January 8, fees due at point of registration)	January 8	May 14	May 14	(After May 14, fees due at point of registration)	
Classes Begin	August 18	August 18	October 13	January 9	January 9	March 5	May 15	May 15	June 25	June 8	
State Employee Fee Waiver Registration	August 18 - 22	August 18 - 22	October 13 - 14	January 9 - 15	January 9 - 15	March 5 - 9	May 15 - 20	May 15 - 20	June 25 - 30	June 8 - 10	
Drop/Add	August 18 - 22	August 18 - 22	October 13 - 14	January 9 - 15	January 9 - 15	March 5 - 9	May 15 - 20	May 15 - 20	June 25 - 30	June 8 - 10	
Last Day to Submit Residency Fee Waiver Documentation (by 4:00 p.m.)	August 22	August 22	October 14	January 15	January 15	March 9	May 20	May 20	June 30	June 15	
Last day to cancel registration/drop courses and receive a refund (by 11:59 p.m.)	August 22	August 22	October 14	January 15	January 15	March 9	May 20	May 20	June 30	June 15	
Last day to change major and credit to audit	August 22	August 22	October 14	January 15	January 15	March 9	May 20	May 20	June 30	June 15	
Midterm	October 8	September 11	November 7	March 4	February 5	April 6	June 23	June 4	July 14	July 2	
Student Initiated Withdrawal Deadline	October 15	September 18	November 14	March 11	February 12	April 13	June 30	June 11	July 21	July 10	
Final Examinations	December 5 - 11	October 8	December 8 - 11	May 1 - 7	March 3 - 4	May 4 - 7	July 31	June 24	July 31	July 31	
Term Ends	December 12	October 8	December 12	May 8	March 4	May 8	July 31	June 24	July 31	July 31	
Grades available via Banner	December 16	October 14	December 16	May 12	March 9	May 12	August 4	June 26	August 4	August 4	
Graduation Application Deadline	September 29	September 29	September 29	February 27	February 27	February 24	June 15	June 15	June 15	June 15	
Honors Convocation											
Commencement				May 1							
In-Service Day	August 13			May 8							
	August 30 - September 1				January 20						
Student Holidays - Classes will not be held on these days	October 9 - 10	November 11	November 26 - 30	December 5 - January 1	January 17 - 20	March 14 - 20		May 23 - 25			
Faculty - Christmas Break / New Year	December 15 - January 2							July 3 - 5			
Memorial Day									May 23 - 25		
Independence Day									July 3 - 5		
Labor Day											
Veteran's Day											
Thanksgiving Holidays											
Christmas Break / New Year's Holiday											
Martin Luther King, Jr. Day								January 17 - 19			
Spring Break								March 14 - 20			

Gulf Coast State College reserves the right to change the college calendar, or to make other changes deemed necessary, giving advance notice of change when possible.

Welcome to Gulf Coast State College and to the Business, Industry, Technology, and Manufacturing Pathway!

Guided Pathways

Guided Pathways are a GCSC endeavor to provide students with an academic plan that guides students along a path to reach their academic and career goals. By grouping fields of study by similarities, students can explore options that reflect their interests, experience the best preparation for success, and efficiently pursue university transfer of their chosen field.

The six Guided Pathways are identified as the following:

- **Business, Industry, Technology, and Manufacturing**
- **Health Sciences**
- **Humanities, Arts, Design, and Communication**
- **Public Safety**
- **Science, Technology, Engineering, and Mathematics**
- **Social, Behavioral Sciences, and Education**

Pathway Navigators provide initial academic advising and assist students in finding their way around GCSC. The Pathway Navigator is assigned to the broader Pathway and is knowledgeable about the general “area”.

Faculty Advisors work with students to provide more in-depth guidance about the students’ chosen program of study. Faculty Advisors are knowledgeable about the specific major or program of study, and work with students to enhance their university transfer or professional opportunities upon program completion.

Programs, majors, and degrees are organized within the Guided Pathways to help students explore their options. The Business, Industry, Technology, and Manufacturing Pathway is designed for students who are interested in pursuing advanced study that focuses on skills necessary for a variety of careers in multiple industries. Students will gain and develop skills such as problem-solving, specific operational skills, quantitative research skills, and technical skills that will position them to excel in their chosen industry.

The Student Navigation Center is located on the second floor of Student Union East. Appointments with Pathway Navigators can be made through MYGCSC.

Disclaimer: Gulf Coast State College makes every reasonable effort to provide accurate information in the contents of this catalog but reserves the right to make changes at any time without prior notice.

Curriculum in this catalog is up to date as of May 20, 2025

Business, Industry, Technology, and Manufacturing Pathway

The Pathway Navigator for BITM is located on the second floor of the Student Union East.

The following programs of study are included in the BITM Pathway:

The Bachelor of Applied Science (B.A.S.) Degree

BITM Baccalaureate Degrees

- Digital Media
- Organizational Management
- Technology Management

The Bachelor of Applied Science (B.A.S.) Degree – The Bachelor of Applied Science (B.A.S.) degree is a baccalaureate degree designed to prepare students to enhance and/or advance their career. B.A.S. programs provide baccalaureate degree completion opportunities for students from a variety of educational backgrounds but primarily those with Associate in Science or Associate in Applied Science degrees or their equivalent. B.A.S. degree programs typically include capstone experiences that provide opportunities for students to demonstrate the application of acquired knowledge, skills, and competencies. The B.A.S. degree is awarded upon the completion of the course requirements in the Digital Media, Organizational Management, or Technology Management programs.

The Associate in Arts Degree

BITM University Transfer Tracks

- General Education: Business, Industry, Technology, & Manufacturing
- Accounting
- Architecture
- Business Administration
- Computer Engineering
- Computer Science
- Economics for Business
- Engineering Technology/Building Construction
- Health Services Administration
- Recreation: Leisure Services Management

Associate in Arts (A.A.) Degree – The Associate in Arts (A.A.) degree is comprised of the freshman and sophomore years of a baccalaureate degree, also known as a four-year degree. The A.A. degree is specifically designed for the student who plans to transfer to a Florida public university.

The A.A. degree requires a minimum of 60 college-level credit hours. Thirty-six (36) credit hours are specified as the *general education* component of the degree and twenty-four (24) credit hours are referred to as *elective*. These elective courses may be utilized to satisfy specific university major requirements. Students who intend to pursue a specific major at the university should follow the **transfer track** that most closely aligns to the intended major at the university. Each transfer track details courses that are required for transfer to the specific major at the university. These courses are noted as **common prerequisite** courses and when completed successfully, enable the student to transfer to the university as a junior.

The Associate in Science Degree

BITM Associate in Science Degrees

- Accounting Technology
- Architectural Design and Construction Technology
- Business Administration and Management
- Culinary Management
- Cybersecurity
- Digital Media/Multimedia Technology
- Engineering Technology
- Hospitality and Tourism Management
- Network Systems Technology
- Software and Database Developer
- Unmanned Vehicle Systems Operations

Associate in Science (A.S.) Degrees – The Associate in Science (A.S.) degree program is designed to prepare students for a career that requires study beyond the high school level but does not require a four-year degree. Although not designed to transfer to the university, in some cases an A.S. degree may transfer to the university as part of a statewide articulation agreement. However, the intent of these programs is to prepare the graduate to enter the workforce.

The A.S. degree consists of a minimum of 60 college-level semester hours with at least 15 semester hours of General Education Core courses. The General Education Core courses are chosen for their appropriateness for each degree and represent courses from each of the following disciplines: humanities/fine arts, natural sciences/mathematics, behavioral science/social science, and communications.

Certificate Programs

BITM Certificate Programs

- Accounting Applications
- Alternative Energy Systems Specialist
- Business Specialist
- Chef's Apprentice

- CNC Machinist
- Composite Fabrication and Testing
- Culinary Arts
- Digital Media/Multimedia Production
- Digital Media/Multimedia Video Production
- Digital Media/Multimedia Web Production
- Engineering Technology Support Specialist
- Network Server Administration
- Rapid Prototyping Specialist
- Unmanned Vehicle Systems Operations

Certificate Programs – Certificate Programs are highly specialized programs that vary in length as indicated by state frameworks and prepare a student for immediate employment in a particular field.

College Credit Certificates (C.C.C) – These certificate programs consist of coursework that is a portion of a specific Associate in Science degree. Completion of this coursework indicates that a student has acquired specific skills necessary for employment.

Advising

Registration – Registration is the process of building your class schedule and enrolling in courses. Courses are offered for varying lengths of time in a term. There are three full terms in an academic year–fall, spring, and summer–which are approximately 16 weeks (12 weeks in the summer) each. Each term has mini terms that are 8 weeks (6 weeks in the summer) in length. Go to <https://www.gulfcoast.edu> and click on MYGCSC to access My Student Dashboard, and then MYGCSC Registration to register for classes.

As a new degree-seeking student, you will be eligible for registration after **Pathway Orientation or Pathway Advising**.

Faculty Advisor Hold – All first time in college students will have a Faculty Advisor Hold during their first semester. It is the responsibility of the student to meet with their faculty advisor prior to registering for their second semester.

MYGCSC Student Portal

MYGCSC Student Portal is the student's gateway to My Student Dashboard, the student information system; Canvas, the learning management system; Stu-Email, the student email system; and PaperCut, the print management system for students. MYGCSC is located at the college's webpage where students will utilize a secure login to access all these systems. Each system is detailed below.

My Student Dashboard – My Student Dashboard is the student system of record where academic records are stored. Students can register for classes, check their transcripts, access financial aid information, add/drop classes, pay for classes, and check final grades.

My Student Profile – My Student Profile provides students and advisors with a one-stop view of data including holds, registered courses, billing information and financial aid. This one-stop view can be assessed by going to My Student Dashboard page.

Canvas – Canvas is the student learning management system. Students log into Canvas through MYGCSC to see online courses, interact with professors and classmates, submit assignments, and more. Many classes use Canvas to post class information, test scores, homework assignments, discussion boards, additional videos and information, quizzes and tests. Canvas is used for many face-to-face classes as well as online classes.

Student Email – The student email account is the OFFICIAL COMMUNICATION from the college to the student. The college uses this system to communicate with students about Financial Aid, registration dates, student events, and other opportunities for students.

Papercut – The college library has printers available for students. Student printing accounts are managed by PaperCut. Students can log into PaperCut to view their account balance, view printing history, and add funds via PayPal. Funds can also be added at one of the PaperCut kiosks located in the library. Students can take advantage of wireless printing from their personal laptops by uploading documents to PaperCut's User Web Console.

Academic Policies

Grade Forgiveness – Students may repeat a course when a grade of "D" or "F" has been earned. Only the final grade received in courses repeated by the student shall be used in computing the grade point average. However, universities may count forgiven grades in calculating the grade point average. Forgiven grades may also be calculated in determining financial aid eligibility

Withdrawals – Two withdrawals are permitted per credit course. After that, a grade will be assigned. Please be concerned about withdrawals. When admitting students into certain programs, universities may calculate withdrawals as grades. It is your responsibility to verify the effects of enrollment and/or withdrawal upon your financial assistance (financial aid, scholarships, grants, etc.). There are two kinds of withdrawals---student and administrative.

Total Attempts – Only Gulf Coast State College courses are counted in attempts. A student can only repeat a course with a “D” or “F” grade. Two withdrawals are permitted per credit course. On the third attempt, a standard grade will be assigned. A student may enroll three times in each course. On the third attempt and after, a student is assessed full cost of instruction (4 times matriculation). A fourth attempt may be allowed only for students who withdraw or fail due to extenuating circumstances. An exception may be granted only once for each course, provided approval is granted through an academic appeal. The College has the authority to review and reduce fees paid by students, on an individual basis, due to continued enrollment in a course, contingent upon the student’s financial hardship. Exceptions may be granted through an academic appeal.

Academic Warning – Students whose TERM GPA is below 2.0 will be placed on Academic Warning. To be removed from Academic Warning at the end of the following term, the student must achieve a minimum cumulative GPA of 2.0. Academic Warning is the College’s notification that the student should seek assistance from the Advising Center or Counseling Center to assist in developing an education plan.

Academic Probation – Students whose CUMULATIVE GPA is calculated as described below will be placed on Academic Probation. • 1-14 attempted credit hours and an earned GPA of 1.49 or lower • 15-29 attempted credit hours and an earned GPA of 1.74 or lower • 30 or more attempted credit hours and an earned GPA of 1.99 or lower. To be removed from Academic Probation, a student must achieve a minimum cumulative GPA of 2.0. Students on Academic Probation are limited to 6 credit hours.

Academic Suspension – Students who have been placed on Academic Probation and have not earned a minimum cumulative GPA of 2.0 during their probation term, will be placed on Academic Suspension for the following term (fall, spring, summer). Students on Academic Suspension must meet with a counselor prior to registering for classes.

Tutorial Services

The College provides tutorial support to Gulf Coast students in English, reading and mathematics.

Math Lab – Located on the second floor of the Student Union West, the Math Lab offers free tutoring for students in mathematics courses through Calculus I. Students are encouraged to come do their math homework in the lab so they can ask questions as they practice the material. The lab is equipped with computers where students can watch course videos and utilize online resources. The Math Lab is a fun learning environment where students can ask

questions, study, and learn how to become successful in their math classes.

Writing and Reading Lab – The Writing and Reading Lab, located in the Rosenwald Classroom Building in rooms 108 and 110, offers free tutoring for students in English and Reading courses and is also happy to provide tutoring to any student seeking assistance with English, grammar, punctuation, mechanics, essay development, reading comprehension, organization of ideas, and MLA, APA, and Chicago style formatting.

ACE Tutoring Lab – The ACE Tutoring Lab is located in the Charles Hilton Center, Room 225 and offers free tutoring to students in accounting, economics, and CGS1570 classes. Students are encouraged to come do their homework or projects in the lab so they can ask questions while they do the work.

Science Tutoring Labs – The Science Tutoring Labs offer free tutoring for students with any science courses such as biology, chemistry, and physics. Tutoring for all BSC (Biological Sciences) courses is available in the Natural Sciences Building, Room 118. Tutoring for all PHY (Physics) and CHM (Chemistry) courses is available in the Asbell Business Building, Room 205. Computers are available in AB 205 for students to watch course videos and utilize online resources.

Placement Testing

Some first-time-in-college degree seeking students entering college credit programs are required to test for placement in English, reading, and mathematics. Students may meet this requirement several ways:

- ACT, SAT, or CLT scores may be used for placement provided that the scores are less than two years old and meet state-mandated minimum score levels.
- If ACT, SAT, or CLT scores are lower than the state-mandated minimum scores, the student may take Florida’s Postsecondary Education Readiness Test (PERT).
- If a student transfers college-level mathematics credit and/or college-level English composition credit to GCSC, the student has completed the testing requirement in that specific discipline and must test only in the area he or she is deficient. Transfer students need to have their transcripts evaluated by the Transcript Evaluation Specialist to determine whether a placement test is required.

Active-duty members of the United States Armed Services qualify for **Flexible Placement**.

Traditional Placement – Prospective students who entered the 9th grade in a Florida public school prior to 2003-2004, or graduated from a non-public Florida High School, or earned the GED qualify for Traditional Placement in English, reading, and mathematics. Traditional Placement requires that the student submit active scores on a college placement test (PERT, CLT, ACT, SAT) to the college to assist Pathway Navigators in determining the student's readiness for college-level English and mathematics.

Flexible Placement – Prospective students who entered the 9th grade in a Florida public school in 2003-2004 or later and who earned a standard Florida high school diploma from a Florida public high school OR are serving as active-duty members of the United States Armed Services qualify for Flexible Placement. Flexible Placement indicates that the student is not required to be tested or to enroll in developmental education. Students have the flexibility to opt into developmental education if they deem it appropriate after consultation with their Pathway Navigator.

Transfer students who have satisfied English and math requirements may not need placement testing. Students who meet the following criteria are exempt from placement testing:

- Non-degree seeking students. Note: the PERT or unofficial transcripts may be required for students taking English or math courses for the first time
- Students who meet the Flexible Placement criteria as described above
- Transfer students who present transcripts showing a grade of "C" or better in college-level English and/or mathematics
- Students with ACT, SAT, or CLT scores at or above the state minimum that are less than two years old. See the following page for the Traditional Placement scores for College-Level Placement.

In Accordance with Florida Statute, a degree-seeking student has a maximum of two attempts on the PERT once admitted to the college. Attempts are considered by subtest (reading, writing, math) and do not have to be taken at the same time.

College Placement tests are available for a fee and results are available immediately after testing. The PERT can be taken at the Panama City Campus in Student Union West Room 80, at the Gulf/Franklin Campus in Building B, or at the Tyndall Air Force Base Education Center.

Appointments for the Panama City Campus and the Gulf/Franklin Center are made online at <https://www.gulfcoast.edu/academics/academic-support-tutoring/testing/index.html>.



TESTING CENTER

TESTING CENTER

Schedule your

- PERT
- Civic Literacy Exam
- CLEP
- TEAS
- GCSC exams
- & more!

(850) 769-1551 ext. 3594

testingcenter@gulfcoast.edu

Student Union West,
Room 80 (First Floor)

gulfcoast.edu/testing-services



Providing high-quality
testing and assessment
services for students



Test Score Worksheet for Placement (valid for two years from testing date)

Subtest	PERT	CLT	ACT	SAT DIGITAL NEW	SAT OLD	Course Placement
Writing & Reading	103-150 (W) 106-150 (R)	38*** 36***	17 (E) & 19 (R)	490	24	ENC 1101 – English Composition I
Writing & Reading	86-102 (W) 86-105 (R)	15 (E) & 17 (R)	450	22		ENC 1101C – Enhanced English Composition I
Writing	50-85	Must take PERT to determine placement	Must take PERT to determine placement	Must take PERT to determine placement	Must take PERT to determine placement	ENC 0022 – Developmental Writing I & II
Reading	50-85	Must take PERT to determine placement	Must take PERT to determine placement	Must take PERT to determine placement	Must take PERT to determine placement	REA 0019 – Developmental Reading I & II
Math	138-150 & 276-300 (AAF)*	26 or higher Must take AAF 276-300 (AAF)*	28-36	540	27	MAC 2311 – Calculus with Analytical Geometry I Students who place into MAC2311 must have completed a trigonometry course.
Math	138-150 & 250-275 (AAF)*	26 or higher Must take AAF 250-275 (AAF)*	23-27	510	25.50	MAC 1114 – Plane Trigonometry MAC 1140 – Pre-calculus Algebra MAC 2233 – Calculus for Business & Social Science
Math	123-150	19-25	20-22	490	24.50	MAC 1105 – College Algebra STA 2122 – Applied Statistics in Social Science
Math	114-122	16-18	19	480	24.00	STA 2023 – Statistics MGF 1130 – Mathematical Thinking MGF 1107 – Survey of Mathematics **MAT 1033 – Intermediate Algebra
Math	50-113	Must take PERT to determine placement	Must take PERT to determine placement	Must take PERT to determine placement	Must take PERT to determine placement	MAT 0012 – Developmental Arithmetic with Algebra

*** = Sum of Verbal Reasoning and Grammar/Writing Subtests

** = MAT 1033 does not meet General Education requirements

* = Advanced Algebra of Functions (Accuplacer Next Generation) effective as of 05/01/2020

BUSINESS, INDUSTRY, TECHNOLOGY, & MANUFACTURING PATHWAY



- Digital Media:
 - Digital Production
 - Web Development
- Organizational Management:
 - Corporate Entrepreneurship
 - Health Services Administration
- Technology Management:
 - Cybersecurity Management
 - Software Development



START HERE. STAY HERE.



ELEVATE YOUR CAREER BY EARNING YOUR BACHELOR'S DEGREE AT GCSC



Digital Media
Digital Production
and
Web Development



**Organizational
Management:**
Corporate Entrepreneurship
and
Health Services
Administration



**Technology
Management:**
Software Development
and
Cybersecurity Management

Previous credits apply - no time wasted!



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Coursework

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Bachelor of Applied Science in Digital Media: Web Development (BAS)

2025 - 2026

The Bachelor of Applied Science in Digital Media undergraduate degree program is designed to prepare graduates with the requisite knowledge, skills, and values to effectively apply various business principles and tools in an organizational setting. The BAS-DM is a program designed to balance theory and concepts with practical application and tools. The program of study will include areas such as digital media, simulations, and web based technology. The interdisciplinary approach to this degree allows students to integrate courses from several specialized areas in computing. Graduates of this program will be prepared for a variety of entry and mid-level technical and management positions within the digital media, web technology, and computing industries.

Communications (6 credits)

<input type="checkbox"/> ENC1101 English Composition I•+*	3
<input type="checkbox"/> ENC1101C Enhanced English Comp. I•+*	4
<input type="checkbox"/> ENC1102 English Composition II+*	3

Humanities (9 credits)

One course each from Visual & Performing Arts, Philosophy/Religion, and Literature. At least one course must be a core course (•).

Humanities 1-Visual & Performing Arts

<input type="checkbox"/> ARH2000 Understanding Visual Arts•	3
<input type="checkbox"/> ARH2050 Art History I	3
<input type="checkbox"/> ARH2051 Art History II	3
<input type="checkbox"/> ARH2060 History of Architecture	3
<input type="checkbox"/> MUL2010 Understanding Music•	3
<input type="checkbox"/> MUL2110 Survey of Music Literature	3
<input type="checkbox"/> THE2000 Understanding Theater•	3

Humanities 2-Philosophy/Religion

Prerequisite ENC1101 or ENC1101C with grade "C" or higher.

<input type="checkbox"/> HUM2020 Introduction to Humanities•+*	3
<input type="checkbox"/> PHI2010 Introduction to Philosophy•+*	3
<input type="checkbox"/> PHI2600 Ethics+*	3
<input type="checkbox"/> REL2121 Intro. to Religion in America+*	3
<input type="checkbox"/> REL2300 Religions of the World+*	3

Humanities 3-Literature

Prerequisite ENC1102 with grade "C" or higher.

<input type="checkbox"/> AML2010 Amer. Lit. through Civil War+*	3
<input type="checkbox"/> AML2020 Amer. Lit: Reconst.-Present+*	3
<input type="checkbox"/> ENG2111 Literature and Film+*	3
<input type="checkbox"/> ENL2012 Eng. Lit. through 18th Century+*	3
<input type="checkbox"/> ENL2022 Eng. Lit.: Romantics to Present+*	3
<input type="checkbox"/> LIT2000 Literature and Culture•+*	3
<input type="checkbox"/> LIT2040 World Drama+*	3
<input type="checkbox"/> LIT2090 Contemporary Literature+*	3
<input type="checkbox"/> LIT2110 World Lit.: Ancient-Renaissance+*	3
<input type="checkbox"/> LIT2120 World Lit.: Enlightenment-Present+*	3

Key

• = General Education Core course

+ = Prerequisite or co-requisite required

* = Minimum grade of "C" required

@ = Course meets Civic Literacy Requirement

Student's Name: _____

Student's ID Number: _____

Faculty Advisor: **Caleb Jordan**

Mathematics (6 credits)

Two courses from Mathematics. At least one course must be a core course (•).

<input type="checkbox"/> MGF1107 Survey of Mathematics+*	3
<input type="checkbox"/> MGF1130 Mathematical Thinking•+*	3
<input type="checkbox"/> STA2023 Statistics•+*	3
<input type="checkbox"/> STA2122 Statistical Applications+*	4
<input type="checkbox"/> MAC1105 College Algebra•+*	3
<input type="checkbox"/> MAC1114 Plane Trigonometry+*	3
<input type="checkbox"/> MAC1140 Pre-Calculus Algebra+ *	3
<input type="checkbox"/> MAC2233 Business Calculus+*	3
<input type="checkbox"/> MAC2311 Calculus with Geometry I•+*	4
<input type="checkbox"/> MAC2312 Calculus with Geometry II+*	4
<input type="checkbox"/> MAC2313 Calculus with Geometry III+*	4
<input type="checkbox"/> MAP2302 Differential Equations+*	3

Natural Sciences (6 credits)

One course each from Physical Sciences and Biological Sciences. At least one course must be a core course (•).

Physical Sciences

<input type="checkbox"/> AST1002 Descriptive Astronomy•	3
<input type="checkbox"/> CHM1025 Intro. to General Chemistry+*	3
<input type="checkbox"/> CHM1032 General, Organic, Biochemistry+*	3
<input type="checkbox"/> CHM1045 General Chemistry•+*	3
<input type="checkbox"/> ESC2000 Earth & Space Science Survey•	3
<input type="checkbox"/> EVR1001 Intro. to Environmental Science•	3
<input type="checkbox"/> GLY1010 Physical Geology•	3
<input type="checkbox"/> GLY1032 Natural Disasters	3
<input type="checkbox"/> OCE1001 Fundamentals of Oceanography•	3
<input type="checkbox"/> PHY1020 Basic Concepts of Physics•	3
<input type="checkbox"/> PHY1023 Survey of General Physics+*	3
<input type="checkbox"/> PHY2048 University Physics I•+*	4
<input type="checkbox"/> PHY2053 College Physics I•+*	3

Biological Sciences

<input type="checkbox"/> BOT2800 Plants & Society	3
<input type="checkbox"/> BSC1005 General Biological Science•	3
<input type="checkbox"/> BSC1020 Human Biology	3
<input type="checkbox"/> BSC2010 Biology for Science Majors I•+*	3
<input type="checkbox"/> BSC2085 Anatomy & Physiology I•+*	3
<input type="checkbox"/> BSC2311 Introduction to Marine Biology	3

Social Sciences (9 credits)

One course each from Behavioral Sciences, History, and Government. At least one course must be a core course (•).

Behavioral Sciences

<input type="checkbox"/> ANT2000 Introduction to Anthropology•	3
<input type="checkbox"/> ECO2013 Principles of Economics, Macro•	3
<input type="checkbox"/> PSY2012 General Psychology•	3
<input type="checkbox"/> GEA1000 World Regional Geography	3
<input type="checkbox"/> SYG2000 Principles of Sociology	3

History

Global	
<input type="checkbox"/> EUH1000 Western Civilization I	3
<input type="checkbox"/> EUH1001 Western Civilization II	3
<input type="checkbox"/> WOH2012 World History I	3
<input type="checkbox"/> WOH2022 World History II	3

U.S.

<input type="checkbox"/> AMH2010 United States History I•@	3
<input type="checkbox"/> AMH2020 United States History II•@	3

Government

Global	
<input type="checkbox"/> CPO2002 Comparative Government	3
<input type="checkbox"/> U.S.	
<input type="checkbox"/> POS2041 American Nat'l Government•@	3
<input type="checkbox"/> POS2112 State & Local Government	3

AA or AS Technical Requirements (42 Credits)

<input type="checkbox"/> CGS1103 Proj. Man. Concepts & Processes	3
<input type="checkbox"/> CGS2069 Social Media Marketing	3
<input type="checkbox"/> DIG2100 Web Design I	3
<input type="checkbox"/> DIG2251 Sound for Digital Media	3
<input type="checkbox"/> COP1000 Intro. to Programming Logic	3
<input type="checkbox"/> COP2700 Data Structures (SQL)	3
<input type="checkbox"/> COP2840 Internet Programming	3
<input type="checkbox"/> GRA2156 Comp. Graphics Digital Designers I	3

Electives (18 hours)

<input type="checkbox"/>	

Digital Media Foundation/Core (27 Credits)

<input type="checkbox"/> GEB3213 Bus. Comm. Profess. Effectiveness	3
<input type="checkbox"/> CGS3092 Legal and Ethical Issues+	3
<input type="checkbox"/> ISM4318 Agile Project Management+	3
<input type="checkbox"/> DIG3543 Media Planning+	3
<input type="checkbox"/> DIG4433 Visual Development+	3
<input type="checkbox"/> DIG4153 Writing for Digital Media+	3
<input type="checkbox"/> DIG4564 Content Management Systems+	3
<input type="checkbox"/> DIG3588 Digital Capstone+	3
<input type="checkbox"/> DIG3811 User-Centered Design	3

Web Development Specialization (15 Credits)

<input type="checkbox"/> COP3834 Dev. Websites using PHP w/MySQL+ 3	
<input type="checkbox"/> COP3855 Adv. Web Animation (JQUERY)+	3
<input type="checkbox"/> ISM4548 Web Analytics+	3
<input type="checkbox"/> DIG3512 Digital Optimization & Analytics+	3
<input type="checkbox"/> DIG3716 Interface Design+	3

Other Requirements

<input type="checkbox"/> General Education Core Requirement	
Successful completion of at least one dotted core course from each of the five major general education areas: Communications, Humanities, Mathematics, Natural Sciences, Social Sciences	
<input type="checkbox"/> Civic Literacy Requirement (@)	
Successful completion of AMH 2010 OR AMH 2020 OR POS 2041 AND passing score on civic literacy exam (FCLE)	
<input type="checkbox"/> Foreign Language Requirement	
Successful completion of 2 years of high-school-level foreign language or 2 semesters of college-level foreign language	

Bachelor of Applied Science in Organizational Management (BAS)

2025 - 2026

The Bachelor of Applied Science in Organizational Management at Gulf Coast State College is designed to prepare students to become effective leaders within organizations and society. The program offers two areas of specialization, Entrepreneurship and Health Services Administration. Both of these specializations will prepare graduates for upper managerial positions in business, health care, and other related careers.

The B.A.S. in Organizational Management is specifically designed for people who want to advance to higher level supervisory/leadership positions. The program is intended to serve those currently in the workforce who need a baccalaureate degree to advance their career opportunities. Upper-level coursework will include study of applied management practices with a concentration in the student's technical field, and will contain hands-on application of management principles and practices through internships and capstone experiences.

Communications (6 credits)

<input type="checkbox"/> ENC1101 English Composition I•+*	3
<input type="checkbox"/> ENC1101C Enhanced English Comp. I•+*	4
<input type="checkbox"/> ENC1102 English Composition II+*	3

Humanities (9 credits)

One course each from Visual & Performing Arts, Philosophy/Religion, and Literature. At least one course must be a core course (•).

Humanities 1-Visual & Performing Arts

<input type="checkbox"/> ARH2000 Understanding Visual Arts•	3
<input type="checkbox"/> ARH2050 Art History I	3
<input type="checkbox"/> ARH2051 Art History II	3
<input type="checkbox"/> ARH2060 History of Architecture	3
<input type="checkbox"/> MUL2010 Understanding Music•	3
<input type="checkbox"/> MUL2110 Survey of Music Literature	3
<input type="checkbox"/> THE2000 Understanding Theater•	3

Humanities 2-Philosophy/Religion

Perequisite ENC1101 or ENC1101C with grade "C" or higher.

<input type="checkbox"/> HUM2020 Introduction to Humanities•+*	3
<input type="checkbox"/> PHI2010 Introduction to Philosophy•+*	3
<input type="checkbox"/> PHI2600 Ethics+*	3
<input type="checkbox"/> REL2121 Intro. to Religion in America+*	3
<input type="checkbox"/> REL2300 Religions of the World+*	3

Humanities 3-Literature

Perequisite ENC1102 with grade "C" or higher.

<input type="checkbox"/> AML2010 Amer. Lit. through Civil War+*	3
<input type="checkbox"/> AML2020 Amer. Lit: Reconst.-Present+*	3
<input type="checkbox"/> ENG2111 Literature and Film+*	3
<input type="checkbox"/> ENL2012 Eng. Lit. through 18th Century+*	3
<input type="checkbox"/> ENL2022 Eng. Lit.: Romantics to Present+*	3
<input type="checkbox"/> LIT2000 Literature and Culture•+*	3
<input type="checkbox"/> LIT2040 World Drama+*	3
<input type="checkbox"/> LIT2090 Contemporary Literature+*	3
<input type="checkbox"/> LIT2110 World Lit.: Ancient-Renaissance+*	3
<input type="checkbox"/> LIT2120 World Lit.: Enlightenment-Present+*	3

Student's Name: _____

Student's ID Number: _____

Faculty Advisor: _____

Cara Pattinato

Mathematics (6 credits)

Two courses from Mathematics.

At least one course must be either MAC1105 or STA2023.

<input type="checkbox"/> MGF1107 Survey of Mathematics+*	3
<input type="checkbox"/> MGF1130 Mathematical Thinking•+*	3
<input type="checkbox"/> STA2023 Statistics•+*	3
<input type="checkbox"/> STA2122 Statistical Applications+*	4
<input type="checkbox"/> MAC1105 College Algebra•+*	3
<input type="checkbox"/> MAC1114 Plane Trigonometry+*	3
<input type="checkbox"/> MAC1140 Pre-Calculus Algebra+ *	3
<input type="checkbox"/> MAC2233 Business Calculus+*	3
<input type="checkbox"/> MAC2311 Calculus with Geometry I•+*	4

AA or AS Technical Requirements (42 Credits)

Completed 42 hours

Organizational Management Core (24 Credits)

<input type="checkbox"/> BUL3310 Legal Environ. of Business (FSU)+	3
<input type="checkbox"/> GEB3213 Bus. Comm. for Prof. Effectiveness	3
<input type="checkbox"/> FIN4300 Financial Management+*	3
<input type="checkbox"/> MAN3240 Applied Organizational Behavior	3
<input type="checkbox"/> MAN3303 Princ. Management & Leadership+*	3
<input type="checkbox"/> MAN3503 Man., Risk Analysis Decision-Making	3
<input type="checkbox"/> MAN4280 Leadership & Change Management	3
<input type="checkbox"/> MAN4520 Quality Management (Six Sigma)+	3

Natural Sciences (6 credits)

One course each from Physical Sciences and Biological Sciences. At least one course must be a core course (•).

Physical Sciences

<input type="checkbox"/> AST1002 Descriptive Astronomy•	3
<input type="checkbox"/> CHM1025 Intro. to General Chemistry+	3
<input type="checkbox"/> CHM1032 General, Organic, Biochemistry+	3
<input type="checkbox"/> CHM1045 General Chemistry•+*	3
<input type="checkbox"/> ESC2000 Earth & Space Science Survey•	3
<input type="checkbox"/> EVR1001 Intro. to Environmental Science•	3
<input type="checkbox"/> GLY1010 Physical Geology•	3
<input type="checkbox"/> GLY1032 Natural Disasters	3
<input type="checkbox"/> OCE1001 Fundamentals of Oceanography•	3
<input type="checkbox"/> PHY1020 Basic Concepts of Physics•	3
<input type="checkbox"/> PHY1023 Survey of General Physics+	3
<input type="checkbox"/> PHY2048 University Physics I•+	4
<input type="checkbox"/> PHY2053 College Physics I•+	3

Biological Sciences

<input type="checkbox"/> BOT2800 Plants & Society	3
<input type="checkbox"/> BSC1005 General Biological Science•	3
<input type="checkbox"/> BSC1020 Human Biology	3
<input type="checkbox"/> BSC2010 Biology for Science Majors I•+	3
<input type="checkbox"/> BSC2085 Anatomy & Physiology I•+	3
<input type="checkbox"/> BSC2311 Introduction to Marine Biology	3

Social Sciences (9 credits)

One course each from Behavioral Sciences, History, and Government. At least one course must be a core course (•).

Behavioral Sciences

<input type="checkbox"/> ANT2000 Introduction to Anthropology•	3
<input type="checkbox"/> ECO2013 Principles of Economics, Macro•	3
<input type="checkbox"/> PSY2012 General Psychology•	3
<input type="checkbox"/> GEA1000 World Regional Geography	3
<input type="checkbox"/> SYG2000 Principles of Sociology	3

History

Global	
<input type="checkbox"/> EUH1000 Western Civilization I	3
<input type="checkbox"/> EUH1001 Western Civilization II	3
U.S.	
<input type="checkbox"/> WOH2012 World History I	3
<input type="checkbox"/> WOH2022 World History II	3
<input type="checkbox"/> AMH2010 United States History I•@	3
<input type="checkbox"/> AMH2020 United States History II•@	3

Government

Global	
<input type="checkbox"/> CPO2002 Comparative Government	3
U.S.	
<input type="checkbox"/> POS2041 American Nat'l Government•@	3
<input type="checkbox"/> POS2112 State & Local Government	3

Corporate Entrepreneurship Specialization (18 Credits)

<input type="checkbox"/> ENT3003 Principles Corp. Entrepreneurship	3
<input type="checkbox"/> MAR4413 Entrepreneurial Selling	3
<input type="checkbox"/> MAN4301 Human Resource Management+	3
<input type="checkbox"/> MAR3802 Entrepreneurial Marketing	3
<input type="checkbox"/> FIN4470 Entrepreneurial Finance+	3
<input type="checkbox"/> MAN4900 Capstone+	3

Health Services Administration Specialization (18 Credits)

<input type="checkbox"/> HSA3553 Legal Issues in Healthcare	3
<input type="checkbox"/> HSA3113 Current Trends/Cont. Iss. HlthCare	3
<input type="checkbox"/> HSA3700 Found. of Research in Healthcare	3
<input type="checkbox"/> HSA4110 Healthcare Organiz. & Management	3
<input type="checkbox"/> HSA4160 Strategic Plan. & Mark. Healthcare	3
<input type="checkbox"/> HSA4850 Capstone+	3

Other Requirements

General Education Core Requirement
Successful completion of at least one dotted core course from each of the five major general education areas: Communications, Humanities, Mathematics, Natural Sciences, Social Sciences

Civic Literacy Requirement (@)

Successful completion of AMH 2010 OR AMH 2020 OR POS 2041 **AND** passing score on civic literacy exam (FCLE)

Foreign Language Requirement

Successful completion of 2 years of high-school-level foreign language or 2 semesters of college-level foreign language

Key

- = General Education Core course
- + = Prerequisite or co-requisite required
- * = Minimum grade of "C" required
- @ = Course meets Civic Literacy Requirement

Notes

Bachelor of Applied Science in Technology Management

2025 - 2026

The Technology Management Bachelors of Science (BAS) program is designed to building upon an associate's degree in Software and Database Development, Network Administration, Cybersecurity, or Computer Programming. However, this degree is open to any student with an associate's degree, seeking to expand their technology and leadership skills. This degree completion prepares you to move into a supervisory or management position.

Communications (6 credits)

<input type="checkbox"/> ENC1101 English Composition I•+*	3
<input type="checkbox"/> ENC1101C Enhanced English Comp. I•+*	4
<input type="checkbox"/> ENC1102 English Composition II+*	3

Humanities (9 credits)

One course each from Visual & Performing Arts, Philosophy/Religion, and Literature. At least one course must be a core course (•).

Humanities 1-Visual & Performing Arts

<input type="checkbox"/> ARH2000 Understanding Visual Arts•	3
<input type="checkbox"/> ARH2050 Art History I	3
<input type="checkbox"/> ARH2051 Art History II	3
<input type="checkbox"/> ARH2060 History of Architecture	3
<input type="checkbox"/> MUL2010 Understanding Music•	3
<input type="checkbox"/> MUL2110 Survey of Music Literature	3
<input type="checkbox"/> THE2000 Understanding Theater•	3

Humanities 2-Philosophy/Religion

Prerequisite ENC1101 or ENC1101C with grade "C" or higher.	
<input type="checkbox"/> HUM2020 Introduction to Humanities•+*	3
<input type="checkbox"/> PHI2010 Introduction to Philosophy•+*	3
<input type="checkbox"/> PHI2600 Ethics+*	3
<input type="checkbox"/> REL2121 Intro. to Religion in America+*	3
<input type="checkbox"/> REL2300 Religions of the World+*	3

Humanities 3-Literature

Prerequisite ENC1102 with grade "C" or higher.	
<input type="checkbox"/> AML2010 Amer. Lit. through Civil War+*	3
<input type="checkbox"/> AML2020 Amer. Lit: Reconst.-Present+*	3
<input type="checkbox"/> ENG2111 Literature and Film+*	3
<input type="checkbox"/> ENL2012 Eng. Lit. through 18th Century+*	3
<input type="checkbox"/> ENL2022 Eng. Lit.: Romantics to Present+*	3
<input type="checkbox"/> LIT2000 Literature and Culture•+*	3
<input type="checkbox"/> LIT2040 World Drama+*	3
<input type="checkbox"/> LIT2090 Contemporary Literature+*	3
<input type="checkbox"/> LIT2110 World Lit.: Ancient-Renaissance+*	3
<input type="checkbox"/> LIT2120 World Lit.: Enlightenment-Present+*	3

Mathematics (6 credits)

Two courses from Mathematics.

At least one course must be either MAC1105 or STA2023.

<input type="checkbox"/> MGF1107 Survey of Mathematics+*	3
<input type="checkbox"/> MGF1130 Mathematical Thinking•+*	3
<input type="checkbox"/> STA2023 Statistics•+*	3
<input type="checkbox"/> STA2122 Statistical Applications+*	4
<input type="checkbox"/> MAC1105 College Algebra•+*	3
<input type="checkbox"/> MAC1114 Plane Trigonometry+*	3
<input type="checkbox"/> MAC1140 Pre-Calculus Algebra+ *	3
<input type="checkbox"/> MAC2233 Business Calculus+*	3
<input type="checkbox"/> MAC2311 Calculus with Geometry I•+*	4

Student's Name: _____

Student's ID Number: _____

Faculty Advisor: **Trendon Ellis**

Natural Sciences (6 credits)

One course each from Physical Sciences and Biological Sciences. At least one course must be a core course (•).

Physical Sciences

<input type="checkbox"/> AST1002 Descriptive Astronomy•	3
<input type="checkbox"/> CHM1025 Intro. to General Chemistry+*	3
<input type="checkbox"/> CHM1032 General, Organic, Biochemistry+*	3
<input type="checkbox"/> CHM1045 General Chemistry•+*	3
<input type="checkbox"/> ESC2000 Earth & Space Science Survey•	3
<input type="checkbox"/> EVR1001 Intro. to Environmental Science•	3
<input type="checkbox"/> GLY1010 Physical Geology•	3
<input type="checkbox"/> GLY1032 Natural Disasters	3
<input type="checkbox"/> OCE1001 Fundamentals of Oceanography•	3
<input type="checkbox"/> PHY1020 Basic Concepts of Physics•	3
<input type="checkbox"/> PHY1023 Survey of General Physics+*	3
<input type="checkbox"/> PHY2048 University Physics I•+*	4
<input type="checkbox"/> PHY2053 College Physics I•+*	3

Technology Management Core (36 Credits)

<input type="checkbox"/> GEB3213 Bus. Comm. for Prof. Effectiveness+ 3
<input type="checkbox"/> FIN4300 Financial Management+ 3
<input type="checkbox"/> MAN3303 Princ. Management & Leadership+ 3
<input type="checkbox"/> MAN3503 Man. Risk Analysis Decis.-Making+ 3
<input type="checkbox"/> MAN4520 Quality Management (Six Sigma)+ 3
<input type="checkbox"/> ISM4548 Web Analytics+ 3
<input type="checkbox"/> ISM4318 Agile Project Management+ 3
<input type="checkbox"/> ISM4302 Emerging Technology+ 3
<input type="checkbox"/> ISM3013 Intro. Inform. Syst. Management+ 3
<input type="checkbox"/> ISM4330 Inform. Sec. Policy Admin. & Man.+ 3
<input type="checkbox"/> CGS3092 Legal and Ethical Issues+ 3
<input type="checkbox"/> MAN4900 Capstone Project+ 3

Software Development Specialization (18 Credits)

<input type="checkbox"/> COP2250 Java Programming I+*	3
<input type="checkbox"/> COP2701 Database Design & Mgmt.+*	
<input type="checkbox"/> COP2840 Internet Programming+ 3	3
<input type="checkbox"/> COP4864 Client-Side Programming+ 3	3
<input type="checkbox"/> CIS4433 SecDevOps+ 3	3
<input type="checkbox"/> COP3834 Dev. Websites using PHP MySQL+ 3	3

CyberSecurity Management Specialization (18 Credits)

<input type="checkbox"/> CTS1390 Install. & Config. Windows Serv.+ 3
<input type="checkbox"/> CIS2352 Ethical Hacking+ 3
<input type="checkbox"/> CTS1651 Cisco Rout. Tech/Rout. Prot. Conc.+ 3
<input type="checkbox"/> ISM4323 Network Security Management+ 3
<input type="checkbox"/> CIS4200 Penet. Test. & Vulnerability Analysis+ 3
<input type="checkbox"/> CIS3122 CyberSecurity Analyst+ 3

Other Requirements

General Education Core Requirement

Successful completion of at least one dotted core course from each of the five major general education areas: Communications, Humanities, Mathematics, Natural Sciences, Social Sciences

Civic Literacy Requirement (@)

Successful completion of AMH 2010 OR AMH 2020 OR POS 2041 **AND** passing score on civic literacy exam (FCLE)

Foreign Language Requirement

Successful completion of 2 years of high-school-level foreign language or 2 semesters of college-level foreign language

Key

• = General Education Core course

+ = Prerequisite or co-requisite required

* = Minimum grade of "C" required

@ = Course meets Civic Literacy Requirement

Notes

AA or AS Technical Requirements (30 Credits)

<input type="checkbox"/> CIS2321 System Analysis & Design+ 3
<input type="checkbox"/> CTS1111 Linux+(plus)* 3
<input type="checkbox"/> CTS1650 Network Fundamentals* 3
<input type="checkbox"/> COP2700 Data Structure (SQL) 3
<input type="checkbox"/> CGS1103 Project Mgmt. Concepts & Process. 3
<input type="checkbox"/> CTS2145Cloud Essentials+* 3
<input type="checkbox"/> CTS1120 Security+(plus)+* 3
<input type="checkbox"/> COP1000 Intro. to Programming Logic 3
<input type="checkbox"/> DIG2100 Web Design I 3
<input type="checkbox"/> CGS1570 Microcomputer Applications 3

BUSINESS, INDUSTRY, TECHNOLOGY, & MANUFACTURING PATHWAY



- General Education: Business, Industry, Technology, & Manufacturing
- Accounting
- Architecture
- Business Administration
- Computer Engineering
- Computer Science
- Economics for Business
- Engineering Technology/Building Construction
- Health Services Administration
- Recreation: Leisure Services Management



Accounting Option ASSOCIATE IN ARTS (AA) 2025 - 2026

Student's Name: _____

Student's ID Number: _____

Pathway Navigator: _____ Faculty Advisor: **Tracy Sewell**

General Education (36 Hours)

Transfer track programs often require that you take specific general education courses in each general education area. Below are the general education requirements for your program. Consult with your Faculty Advisor if you have any questions.

Communications (6 credits)

<input type="checkbox"/> ENC1101 English Composition I•+*	3
<input type="checkbox"/> ENC1101C Enhanced English Comp. I•+*	4
<input type="checkbox"/> ENC1102 English Composition II+*	3

Humanities (9 credits)

One course each from Visual & Performing Arts, Philosophy/Religion, and Literature. At least one course must be a core course (•).

Humanities 1-Visual & Performing Arts

<input type="checkbox"/> ARH2000 Understanding Visual Arts•	3
<input type="checkbox"/> ARH2050 Art History I	3
<input type="checkbox"/> ARH2051 Art History II	3
<input type="checkbox"/> ARH2060 History of Architecture	3
<input type="checkbox"/> MUL2010 Understanding Music•	3
<input type="checkbox"/> MUL2110 Survey of Music Literature	3
<input type="checkbox"/> THE2000 Understanding Theater•	3

Humanities 2-Philosophy/Religion

Prerequisite ENC1101 or ENC1101C with grade "C" or higher.

<input type="checkbox"/> HUM2020 Introduction to Humanities•+*	3
<input type="checkbox"/> PHI2010 Introduction to Philosophy•+*	3
<input type="checkbox"/> PHI2600 Ethics+*	3
<input type="checkbox"/> REL2121 Intro. to Religion in America+*	3
<input type="checkbox"/> REL2300 Religions of the World+*	3

Humanities 3-Literature

Prerequisite ENC1102 with grade "C" or higher.

<input type="checkbox"/> AML2010 Amer. Lit. through Civil War+*	3
<input type="checkbox"/> AML2020 Amer. Lit: Reconst.-Present+*	3
<input type="checkbox"/> ENG2111 Literature and Film+*	3
<input type="checkbox"/> ENL2012 Eng. Lit. through 18th Century+*	3
<input type="checkbox"/> ENL2022 Eng. Lit.: Romantics to Present+*	3
<input type="checkbox"/> LIT2000 Literature and Culture•+*	3
<input type="checkbox"/> LIT2040 World Drama+*	3
<input type="checkbox"/> LIT2090 Contemporary Literature+*	3
<input type="checkbox"/> LIT2110 World Lit.: Ancient-Renaissance+*	3
<input type="checkbox"/> LIT2120 World Lit.: Enlightenment-Present+*	3

Mathematics (6 credits)

Two courses from Mathematics. At least one course must be a core course (•). Students who successfully complete a mathematics course for which a core course option in mathematics is an immediate prerequisite shall be considered to have completed the mathematics core.

<input type="checkbox"/> STA2023 Statistics•+*	3
<input type="checkbox"/> MAC2233 Business Calculus+*	3

Developmental Courses

<input type="checkbox"/> ENC0022 Dev. Writing I & II Combined*	3
<input type="checkbox"/> REA0019 Dev. Reading I & II Combined*	3
<input type="checkbox"/> MAT0012 Dev. Arithmetic with Algebra*	3

Key

- = General Education Core course
- + = Prerequisite or co-requisite required
- * = Minimum grade of "C" required
- @ = Course meets Civic Literacy Requirement

Natural Sciences (6 credits)

One course each from Physical Sciences and Biological Sciences. At least one course must be a core course (•).

Physical Sciences

<input type="checkbox"/> AST1002 Descriptive Astronomy•	3
<input type="checkbox"/> CHM1025 Intro. to General Chemistry+	3
<input type="checkbox"/> CHM1032 General, Organic, Biochemistry+	3
<input type="checkbox"/> CHM1045 General Chemistry+*	3
<input type="checkbox"/> ESC2000 Earth & Space Science Survey•	3
<input type="checkbox"/> EVR1001 Intro. to Environmental Science•	3
<input type="checkbox"/> GLY1010 Physical Geology•	3
<input type="checkbox"/> GLY1032 Natural Disasters	3
<input type="checkbox"/> OCE1001 Fundamentals of Oceanography•	3
<input type="checkbox"/> PHY1020 Basic Concepts of Physics•	3
<input type="checkbox"/> PHY1023 Survey of General Physics+	3
<input type="checkbox"/> PHY2048 University Physics I•+*	4
<input type="checkbox"/> PHY2053 College Physics I•+*	3

Biological Sciences

<input type="checkbox"/> BOT2800 Plants & Society	3
<input type="checkbox"/> BSC1005 General Biological Science•	3
<input type="checkbox"/> BSC1020 Human Biology	3
<input type="checkbox"/> BSC2010 Biology for Science Majors I•+*	3
<input type="checkbox"/> BSC2085 Anatomy & Physiology I•+*	3
<input type="checkbox"/> BSC2311 Introduction to Marine Biology	3

Social Sciences (9 credits)

One course each from Behavioral Sciences, History, and Government. At least one course must be a core course (•). History & Government: Students are expected to take one Global course and one U.S. course. See Civic Literacy requirement under Other AA Requirements.

Behavioral Sciences

<input type="checkbox"/> ECO2013 Principles of Economics, Macro•	3
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History

Global

<input type="checkbox"/> EUH1000 Western Civilization I	3
<input type="checkbox"/> EUH1001 Western Civilization II	3
<input type="checkbox"/> WOH2012 World History I	3
<input type="checkbox"/> WOH2022 World History II	3

U.S.

<input type="checkbox"/> AMH2010 United States History I•@	3
<input type="checkbox"/> AMH2020 United States History II•@	3

Government

Global

<input type="checkbox"/> CPO2002 Comparative Government	3
---	---

U.S.

<input type="checkbox"/> POS2041 American Nat'l Government•@	3
<input type="checkbox"/> POS2112 State & Local Government	3

Major Electives (18 hours)

The purpose of this transfer track is to prepare students for an advanced education at the university level. Students are encouraged to be familiar with the admissions requirements at the university they plan to attend.

<input type="checkbox"/> CGS1570 Microcomputer Applications	3
<input type="checkbox"/> ACG2001 Financial Accounting I*	3
<input type="checkbox"/> ACG2011 Financial Accounting II+*	3
<input type="checkbox"/> ECO2023 Principles of Economics, Micro	3
<input type="checkbox"/> ACG2071 Managerial Accounting+*	3
<input type="checkbox"/> CGS2518 Spreadsheets for Business Env.+	3

Other Electives (6 hours)

FSU requirements for Graduation:
SPC1608 Intro. to Public Speaking, 3 credit hrs
A Natural Science Lab, 1 credit

<input type="checkbox"/>	_____

Courses Not Used

<input type="checkbox"/>	_____

Other AA Requirements

General Education Core Requirement

Successful completion of at least one dotted core course from each of the five major general education areas: Communications, Humanities, Mathematics, Natural Sciences, Social Sciences

Civic Literacy Requirement (@)

Successful completion of AMH 2010 OR AMH 2020 OR POS 2041 AND passing score on civic literacy exam (FCLE)

Foreign Language Requirement

Successful completion of 2 years of high-school-level foreign language or 2 semesters of college-level foreign language

Notes

_____	_____
_____	_____
_____	_____

Architecture Option

ASSOCIATE IN ARTS (AA)

2025 - 2026

Student's Name: _____

Student's ID Number: _____

Pathway Navigator: _____ Faculty Advisor: **Antoni Adessi**

General Education (36 Hours)

Transfer track programs often require that you take specific general education courses in each general education area. Below are the general education requirements for your program. Consult with your Faculty Advisor if you have any questions.

Communications (6 credits)

- ENC1101 English Composition I•+* 3
- ENC1101C Enhanced English Comp. I•+* 4
- ENC1102 English Composition II+* 3
- _____

Humanities (9 credits)

One course each from Visual & Performing Arts, Philosophy/Religion, and Literature. At least one course must be a core course (•).

Humanities 1-Visual & Performing Arts

- ARH2060 History of Architecture 3
- _____

Humanities 2-Philosophy/Religion

Prerequisite ENC1101 or ENC1101C with grade "C" or higher.

- HUM2020 Introduction to Humanities•+* 3
- PHI2010 Introduction to Philosophy•+* 3
- PHI2600 Ethics+* 3
- REL2121 Intro. to Religion in America+* 3
- REL2300 Religions of the World+* 3
- _____ 3

Humanities 3-Literature

Prerequisite ENC1102 with grade "C" or higher.

- AML2010 Amer. Lit. through Civil War+* 3
- AML2020 Amer. Lit: Reconst.-Present+* 3
- ENG2111 Literature and Film+* 3
- ENL2012 Eng. Lit. through 18th Century+* 3
- ENL2022 Eng. Lit.: Romantics to Present+* 3
- LIT2000 Literature and Culture•+* 3
- LIT2040 World Drama+* 3
- LIT2090 Contemporary Literature+* 3
- LIT2110 World Lit.: Ancient-Renaissance+* 3
- LIT2120 World Lit.: Enlightenment-Present+* 3
- _____ 3

Mathematics (6 credits)

Two courses from Mathematics. At least one course must be a core course (•). Students who successfully complete a mathematics course for which a core course option in mathematics is an immediate prerequisite shall be considered to have completed the mathematics core.

- MAC1114 Plane Trigonometry+* 3
- MAC1140 Pre-Calculus Algebra+* 3
- _____

Developmental Courses

- ENC0022 Dev. Writing I & II Combined* 3
- REA0019 Dev. Reading I & II Combined* 3
- MAT0012 Dev. Arithmetic with Algebra* 3
- _____

Key

- = General Education Core course
- + = Prerequisite or co-requisite required
- * = Minimum grade of "C" required
- @ = Course meets Civic Literacy Requirement

Major Electives (22 hours)

This transfer track is designed to prepare students for entry into the Bachelors in Architecture degree program. It is desirable that students transferring to a senior institution plan their program so that common prerequisites can be completed for the upper-division transfer school for their major. It is best for the student to complete the entire two-year degree program prior to transfer. Gulf Coast State College offers the necessary prerequisites for most of the State of Florida University Baccalaureate Programs. GCSC has an Articulation agreement with Florida A&M University (FAMU); the University of Florida and University of South Florida have similar programs. It is highly recommended that, in addition to the common prerequisites listed below, students should consult the current catalog from the desired transfer university. Some programs have restricted access or are considered Limited Access programs. Students are responsible for completing the specific requirements for admissions. For more information on the A.A. to B.S. articulation, contact your program advisor.

- PHY2053L College Physics I Lab+ 1
- ARC1301C Architectural Design 1*+ 4
- ARC1302C Architectural Design 2*+ 4
- ARC2303C Architectural Design 3*+ 5
- ARC2304C Architectural Design 4*+ 5
- ARC2180 Introduction to Digital Architecture 3

Electives (2 hours)

Recommended Electives:

BCN2405 Statics and Strength of Materials, 3 cr. hrs.
BCN1230 Materials and Methods, 3 cr. hrs.
ARC2312 Intro. Build. Assembly Model., 4 cr. hrs.

- _____
- _____
- _____
- _____
- _____

Courses not Used

- _____
- _____
- _____
- _____
- _____

Notes

- _____
- _____
- _____
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- _____

Other AA Requirements

- General Education Core Requirement**
Successful completion of at least one dotted core course from each of the five major general education areas: Communications, Humanities, Mathematics, Natural Sciences, Social Sciences
- Civic Literacy Requirement (@)**
Successful completion of AMH 2010 OR AMH 2020 OR POS 2041 AND passing score on civic literacy exam (FCLE)
- Foreign Language Requirement**
Successful completion of 2 years of high-school-level foreign language or 2 semesters of college-level foreign language

Business Administration Option

ASSOCIATE IN ARTS (AA)

2025 - 2026

Student's Name: _____

Student's ID Number: _____

Kim Allan
Matt Herndon
Kriti Krutcheck
Tracy Sewell

Pathway Navigator: _____

Faculty Advisor: _____

General Education (36 Hours)

Transfer track programs often require that you take specific general education courses in each general education area. Below are the general education requirements for your program. Consult with your Faculty Advisor if you have any questions.

Communications (6 credits)

<input type="checkbox"/> ENC1101 English Composition I•+*	3
<input type="checkbox"/> ENC1101C Enhanced English Comp. I•+*	4
<input type="checkbox"/> ENC1102 English Composition II+*	3
<input type="checkbox"/> _____	

Humanities (9 credits)

One course each from Visual & Performing Arts, Philosophy/Religion, and Literature. At least one course must be a core course (•).

Humanities 1-Visual & Performing Arts

<input type="checkbox"/> ARH2000 Understanding Visual Arts•	3
<input type="checkbox"/> ARH2050 Art History I	3
<input type="checkbox"/> ARH2051 Art History II	3
<input type="checkbox"/> ARH2060 History of Architecture	3
<input type="checkbox"/> MUL2010 Understanding Music•	3
<input type="checkbox"/> MUL2110 Survey of Music Literature	3
<input type="checkbox"/> THE2000 Understanding Theater•	3
<input type="checkbox"/> _____	3

Humanities 2-Philosophy/Religion

Prerequisite ENC1101 or ENC1101C with grade "C" or higher.

<input type="checkbox"/> HUM2020 Introduction to Humanities•+*	3
<input type="checkbox"/> PHI2010 Introduction to Philosophy•+*	3
<input type="checkbox"/> PHI2600 Ethics+*	3
<input type="checkbox"/> REL2121 Intro. to Religion in America+*	3
<input type="checkbox"/> REL2300 Religions of the World+*	3
<input type="checkbox"/> _____	3

Humanities 3-Literature

Prerequisite ENC1102 with grade "C" or higher.

<input type="checkbox"/> AML2010 Amer. Lit. through Civil War+*	3
<input type="checkbox"/> AML2020 Amer. Lit: Reconst.-Present+*	3
<input type="checkbox"/> ENG2111 Literature and Film+*	3
<input type="checkbox"/> ENL2012 Eng. Lit. through 18th Century+*	3
<input type="checkbox"/> ENL2022 Eng. Lit.: Romantics to Present+*	3
<input type="checkbox"/> LIT2000 Literature and Culture•+*	3
<input type="checkbox"/> LIT2040 World Drama+*	3
<input type="checkbox"/> LIT2090 Contemporary Literature+*	3
<input type="checkbox"/> LIT2110 World Lit.: Ancient-Renaissance+*	3
<input type="checkbox"/> LIT2120 World Lit.: Enlightenment-Present+*	3
<input type="checkbox"/> _____	3

Mathematics (6 credits)

Two courses from Mathematics. At least one course must be a core course (•). Students who successfully complete a mathematics course for which a core course option in mathematics is an immediate prerequisite shall be considered to have completed the mathematics core.

<input type="checkbox"/> STA2023 Statistics•+*	3
<input type="checkbox"/> MAC2233 Business Calculus+*	3
<input type="checkbox"/> _____	

Developmental Courses

<input type="checkbox"/> ENC0022 Dev. Writing I & II Combined*	3
<input type="checkbox"/> REA0019 Dev. Reading I & II Combined*	3
<input type="checkbox"/> MAT0012 Dev. Arithmetic with Algebra*	3
<input type="checkbox"/> _____	

Key

- = General Education Core course
- + = Prerequisite or co-requisite required
- * = Minimum grade of "C" required
- @ = Course meets Civic Literacy Requirement

Natural Sciences (6 credits)

One course each from Physical Sciences and Biological Sciences. At least one course must be a core course (•).

Physical Sciences

<input type="checkbox"/> AST1002 Descriptive Astronomy•	3
<input type="checkbox"/> CHM1025 Intro. to General Chemistry+	3
<input type="checkbox"/> CHM1032 General, Organic, Biochemistry+	3
<input type="checkbox"/> CHM1045 General Chemistry•+	3
<input type="checkbox"/> ESC2000 Earth & Space Science Survey•	3
<input type="checkbox"/> EVR1001 Intro. to Environmental Science•	3
<input type="checkbox"/> GLY1010 Physical Geology•	3
<input type="checkbox"/> GLY1032 Natural Disasters	3
<input type="checkbox"/> OCE1001 Fundamentals of Oceanography•	3
<input type="checkbox"/> PHY1020 Basic Concepts of Physics•	3
<input type="checkbox"/> PHY1023 Survey of General Physics+	3
<input type="checkbox"/> PHY2048 University Physics I•+	4
<input type="checkbox"/> PHY2053 College Physics I•+	3
<input type="checkbox"/> _____	

Biological Sciences

<input type="checkbox"/> BOT2800 Plants & Society	3
<input type="checkbox"/> BSC1005 General Biological Science•	3
<input type="checkbox"/> BSC1020 Human Biology	3
<input type="checkbox"/> BSC2010 Biology for Science Majors I•+	3
<input type="checkbox"/> BSC2085 Anatomy & Physiology I•+	3
<input type="checkbox"/> BSC2311 Introduction to Marine Biology	3
<input type="checkbox"/> _____	

Social Sciences (9 credits)

One course each from Behavioral Sciences, History, and Government. At least one course must be a core course (•). History & Government: Students are expected to take one Global course and one U.S. course. See Civic Literacy requirement under Other AA Requirements.

Behavioral Sciences

<input type="checkbox"/> ECO2013 Principles of Economics, Macro•	3
--	---

History

Global

<input type="checkbox"/> EUH1000 Western Civilization I	3
<input type="checkbox"/> EUH1001 Western Civilization II	3
<input type="checkbox"/> WOH 2012 World History I	3
<input type="checkbox"/> WOH 2022 World History II	3
<input type="checkbox"/> _____	

U.S.

<input type="checkbox"/> AMH2010 United States History I•@	3
<input type="checkbox"/> AMH2020 United States History II•@	3
<input type="checkbox"/> _____	

Government

Global

<input type="checkbox"/> CPO2002 Comparative Government	3
---	---

U.S.

<input type="checkbox"/> POS2041 American Nat'l Government•@	3
<input type="checkbox"/> POS2112 State & Local Government	3
<input type="checkbox"/> _____	

Major Electives (15 hours)

The purpose of this transfer track is to prepare students for an advanced education at the university level. Students are encouraged to be familiar with the admissions requirements at the university they plan to attend.

<input type="checkbox"/> CGS1570 Microcomputer Applications	3
<input type="checkbox"/> ACG2001 Financial Accounting I*	3
<input type="checkbox"/> ACG2011 Financial Accounting II+*	3
<input type="checkbox"/> ECO2023 Principles of Economics, Micro*	3
<input type="checkbox"/> ACG2071 Managerial Accounting+*	3

Other Electives (9 hours)

FSU requirements for Graduation:
SPC1608 Intro. to Public Speaking, 3 credit hrs
A Natural Science Lab, 1 credit

<input type="checkbox"/> _____	

Courses Not Used

<input type="checkbox"/> _____	

Other AA Requirements

General Education Core Requirement
Successful completion of at least one dotted core course from each of the five major general education areas: Communications, Humanities, Mathematics, Natural Sciences, Social Sciences

Civic Literacy Requirement (@)
Successful completion of AMH 2010 OR AMH 2020 OR POS 2041 **AND passing score on civic literacy exam (FCLE)**

Foreign Language Requirement
Successful completion of 2 years of high-school-level foreign language or 2 semesters of college-level foreign language

Notes

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<hr/>	<hr/>
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Computer Engineering Option ASSOCIATE IN ARTS (AA) 2025 - 2026

Student's Name: _____

Student's ID Number: _____

Pathway Navigator: _____ Faculty Advisor: _____

General Education (39 Hours)

Transfer track programs often require that you take specific general education courses in each general education area. Below are the general education requirements for your program. Consult with your Faculty Advisor if you have any questions.

Communications (6 credits)

<input type="checkbox"/> ENC1101 English Composition I•+*	3
<input type="checkbox"/> ENC1101C Enhanced English Comp. I•+*	4
<input type="checkbox"/> ENC1102 English Composition II+*	3
<input type="checkbox"/> _____	

Humanities (9 credits)

One course each from Visual & Performing Arts, Philosophy/Religion, and Literature. At least one course must be a core course (•).

Humanities 1-Visual & Performing Arts

<input type="checkbox"/> ARH2000 Understanding Visual Arts•	3
<input type="checkbox"/> ARH2050 Art History I	3
<input type="checkbox"/> ARH2051 Art History II	3
<input type="checkbox"/> ARH2060 History of Architecture	3
<input type="checkbox"/> MUL2010 Understanding Music•	3
<input type="checkbox"/> MUL2110 Survey of Music Literature	3
<input type="checkbox"/> THE2000 Understanding Theater•	3
<input type="checkbox"/> _____	

Humanities 2-Philosophy/Religion

Prerequisite ENC1101 or ENC1101C with grade "C" or higher.

<input type="checkbox"/> HUM2020 Introduction to Humanities•+*	3
<input type="checkbox"/> PHI2010 Introduction to Philosophy•+*	3
<input type="checkbox"/> PHI2600 Ethics+*	3
<input type="checkbox"/> REL2121 Intro. to Religion in America+*	3
<input type="checkbox"/> REL2300 Religions of the World+*	3
<input type="checkbox"/> _____	3

Humanities 3-Literature

Prerequisite ENC1102 with grade "C" or higher.

<input type="checkbox"/> AML2010 Amer. Lit. through Civil War+*	3
<input type="checkbox"/> AML2020 Amer. Lit: Reconst.-Present+*	3
<input type="checkbox"/> ENG2111 Literature and Film+*	3
<input type="checkbox"/> ENL2012 Eng. Lit. through 18th Century+*	3
<input type="checkbox"/> ENL2022 Eng. Lit.: Romantics to Present+*	3
<input type="checkbox"/> LIT2000 Literature and Culture•+*	3
<input type="checkbox"/> LIT2040 World Drama+*	3
<input type="checkbox"/> LIT2090 Contemporary Literature+*	3
<input type="checkbox"/> LIT2110 World Lit.: Ancient-Renaissance+*	3
<input type="checkbox"/> LIT2120 World Lit.: Enlightenment-Present+*	3
<input type="checkbox"/> _____	3

Mathematics (8 credits)

Two courses from Mathematics. At least one course must be a core course (•). Students who successfully complete a mathematics course for which a core course option in mathematics is an immediate prerequisite shall be considered to have completed the mathematics core. There are prerequisites for the courses listed.

<input type="checkbox"/> MAC2311 Calculus with Geometry I•+*	4
<input type="checkbox"/> MAC2312 Calculus with Geometry II+*	4
<input type="checkbox"/> _____	

Developmental Courses

<input type="checkbox"/> ENC0022 Dev. Writing I & II Combined*	3
<input type="checkbox"/> REA0019 Dev. Reading I & II Combined*	3
<input type="checkbox"/> MAT0012 Dev. Arithmetic with Algebra*	3
<input type="checkbox"/> _____	

Key

- = General Education Core course
- + = Prerequisite or co-requisite required
- * = Minimum grade of "C" required
- @ = Course meets Civic Literacy Requirement

Major Electives (18 or 19 hours)

A baccalaureate degree in Computer Science and Software Engineering affords students the opportunity to secure employment in an industrial or financial firm, a governmental agency, or secondary, college, or university teaching position. Potential research opportunities include the following: computer security, cryptography; programming languages; compilers; real-time systems; databases; fault tolerance; networks, neural networks; expert networks; fuzzy sets and systems; scientific visualization; human computer interaction; computational science and engineering. This transfer track is designed to meet FSU-Panama City program requirements.

Natural Sciences (7 credits)

One course each from Physical Sciences and Biological Sciences. At least one course must be a core course (•). There are prerequisites for the courses listed.

Physical Sciences

<input type="checkbox"/> PHY2048 University Physics I•+*	4
--	---

Biological Sciences

<input type="checkbox"/> BOT2800 Plants & Society	3
<input type="checkbox"/> BSC1005 General Biological Science•	3
<input type="checkbox"/> BSC1020 Human Biology	3
<input type="checkbox"/> BSC2010 Biology for Science Majors I•+*	3
<input type="checkbox"/> BSC2085 Anatomy & Physiology I•+*	3
<input type="checkbox"/> BSC2311 Introduction to Marine Biology	3
<input type="checkbox"/> _____	

Social Sciences (9 credits)

One course each from Behavioral Sciences, History, and Government. At least one course must be a core course (•). History & Government: Students are expected to take one Global course and one U.S. course. See Civic Literacy requirement under Other AA Requirements.

Behavioral Sciences

<input type="checkbox"/> ANT2000 Introduction to Anthropology•	3
<input type="checkbox"/> ECO2013 Principles of Economics, Macro•	3
<input type="checkbox"/> PSY2012 General Psychology•	3
<input type="checkbox"/> GEA1000 World Regional Geography	3
<input type="checkbox"/> SYG2000 Principles of Sociology	3
<input type="checkbox"/> _____	

History

Global

<input type="checkbox"/> EUH1000 Western Civilization I	3
<input type="checkbox"/> EUH1001 Western Civilization II	3
<input type="checkbox"/> WOH2012 World History I	3
<input type="checkbox"/> WOH2022 World History II	3
<input type="checkbox"/> _____	

U.S.

<input type="checkbox"/> AMH2010 United States History I•@	3
<input type="checkbox"/> AMH2020 United States History II•@	3
<input type="checkbox"/> _____	

Government

Global

<input type="checkbox"/> CPO2002 Comparative Government	3
<input type="checkbox"/> U.S.	
<input type="checkbox"/> POS2041 American Nat'l Government•@	3
<input type="checkbox"/> POS2112 State & Local Government	3
<input type="checkbox"/> _____	

Other AA Requirements

General Education Core Requirement

Successful completion of at least one dotted core course from each of the five major general education areas: Communications, Humanities, Mathematics, Natural Sciences, Social Sciences

Civic Literacy Requirement (@)

Successful completion of AMH 2010 OR AMH 2020 OR POS 2041 AND passing score on civic literacy exam (FCLE)

Foreign Language Requirement

Successful completion of 2 years of high-school-level foreign language or 2 semesters of college-level foreign language

Courses Not Used

<input type="checkbox"/> _____	

Notes

Computer Science

Option

ASSOCIATE IN ARTS (AA)

2025 - 2026

Student's Name: _____

Student's ID Number: _____

Pathway Navigator: _____ Faculty Advisor: _____

General Education (39 Hours)

Transfer track programs often require that you take specific general education courses in each general education area. Below are the general education requirements for your program. Consult with your Faculty Advisor if you have any questions.

Communications (6 credits)

<input type="checkbox"/> ENC1101 English Composition I•+*	3
<input type="checkbox"/> ENC1101C Enhanced English Comp. I•+*	4
<input type="checkbox"/> ENC1102 English Composition II+*	3

Humanities (9 credits)

One course each from Visual & Performing Arts, Philosophy/Religion, and Literature. At least one course must be a core course (•).

Humanities 1-Visual & Performing Arts

<input type="checkbox"/> ARH2000 Understanding Visual Arts•	3
<input type="checkbox"/> ARH2050 Art History I	3
<input type="checkbox"/> ARH2051 Art History II	3
<input type="checkbox"/> ARH2060 History of Architecture	3
<input type="checkbox"/> MUL2010 Understanding Music•	3
<input type="checkbox"/> MUL2110 Survey of Music Literature	3
<input type="checkbox"/> THE2000 Understanding Theater•	3
<input type="checkbox"/>	3

Humanities 2-Philosophy/Religion

<i>Prerequisite ENC1101 or ENC1101C with grade "C" or higher.</i>
<input type="checkbox"/> HUM2020 Introduction to Humanities•+*
<input type="checkbox"/> PHI1010 Introduction to Philosophy•+*
<input type="checkbox"/> PHI2600 Ethics+*
<input type="checkbox"/> REL2121 Intro. to Religion in America+*
<input type="checkbox"/> REL2300 Religions of the World+*
<input type="checkbox"/>
3

Humanities 3-Literature

Prerequisite ENC1102 with grade "C" or higher.

<input type="checkbox"/> AML2010 Amer. Lit. through Civil War+*	3
<input type="checkbox"/> AML2020 Amer. Lit: Reconst.–Present+*	3
<input type="checkbox"/> ENG2111 Literature and Film+*	3
<input type="checkbox"/> ENL2012 Eng. Lit. through 18th Century+*	3
<input type="checkbox"/> ENL2022 Eng. Lit.: Romantics to Present+*	3
<input type="checkbox"/> LIT2000 Literature and Culture•+*	3
<input type="checkbox"/> LIT2040 World Drama+*	3
<input type="checkbox"/> LIT2090 Contemporary Literature+*	3
<input type="checkbox"/> LIT2110 World Lit.: Ancient–Renaissance+*	3
<input type="checkbox"/> LIT2120 World Lit.: Enlightenment–Present+*	3
<input type="checkbox"/>	3

Mathematics (8 credits)

Two courses from Mathematics. At least one course must be a core course (•). Students who successfully complete a mathematics course for which a core course option in mathematics is an immediate prerequisite shall be considered to have completed the mathematics core. There are prerequisites for the courses listed.

<input type="checkbox"/> MAC2311 Calculus with Geometry I•+*	4
<input type="checkbox"/> MAC2312 Calculus with Geometry II+*	4

Developmental Courses

<input type="checkbox"/> ENC0022 Dev. Writing I & II Combined*	3
<input type="checkbox"/> REA0019 Dev. Reading I & II Combined*	3
<input type="checkbox"/> MAT0012 Dev. Arithmetic with Algebra*	3

Key

- = General Education Core course
- + = Prerequisite or co-requisite required
- * = Minimum grade of "C" required
- @ = Course meets Civic Literacy Requirement

Student's Name: _____

Student's ID Number: _____

Pathway Navigator: _____ Faculty Advisor: _____

Major Electives (12 hours)

The purpose of this transfer track is to provide students the opportunity to gain knowledge in the disciplines necessary for a career in computer science. A four year degree could lead to employment in an industrial or financial field, a government agency, a secondary college, or a university. Examples of employment include the development of software, working with robotics, the space industry, programming, sophisticated graphics such as animation and interior design, networking computers, and development of expert systems.

Students are encouraged to become familiar with the admissions requirements at the university they plan to attend. Some of the schools in Florida have a limited access to computer science. Students in these schools must achieve at least a 2.5 GPA in all college work attempted and must have completed the State of Florida Common Course Prerequisites with a grade of "C" or better in order to be considered for entrance.

<input type="checkbox"/> PHY2048L University Physics I Lab+*	1
<input type="checkbox"/> PHY2049 University Physics II+*	4
<input type="checkbox"/> PHY2049L University Physics II Lab+*	1
<input type="checkbox"/> COP1000 Intro. to Programming Logic*	3

Social Sciences (9 credits)

One course each from Behavioral Sciences, History, and Government. At least one course must be a core course (•). History & Government: Students are expected to take one Global course and one U.S. course. See Civic Literacy requirement under Other AA Requirements.

Behavioral Sciences

<input type="checkbox"/> ANT2000 Introduction to Anthropology•	3
<input type="checkbox"/> ECO2013 Principles of Economics, Macro•	3
<input type="checkbox"/> PSY2012 General Psychology•	3
<input type="checkbox"/> GEA1000 World Regional Geography	3
<input type="checkbox"/> SYG2000 Principles of Sociology	3

History

<u>Global</u>
<input type="checkbox"/> EUH1000 Western Civilization I
<input type="checkbox"/> EUH1001 Western Civilization II
<input type="checkbox"/> WOH2012 World History I
<input type="checkbox"/> WOH2022 World History II
<u>U.S.</u>
<input type="checkbox"/> AMH2010 United States History I•@
<input type="checkbox"/> AMH2020 United States History II•@
<input type="checkbox"/>
3
3
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3
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3

Government

<u>Global</u>
<input type="checkbox"/> CPO2002 Comparative Government
<u>U.S.</u>
<input type="checkbox"/> POS2041 American Nat'l Government•@
<input type="checkbox"/> POS2112 State & Local Government
<input type="checkbox"/>
3
3
3
3
3
3
3

Other AA Requirements

General Education Core Requirement

Successful completion of at least one dotted core course from each of the five major general education areas: Communications, Humanities, Mathematics, Natural Sciences, Social Sciences

Civic Literacy Requirement (@)

Successful completion of AMH 2010 OR AMH 2020 OR POS 2041 **AND passing score on civic literacy exam (FCLE)**

Foreign Language Requirement

Successful completion of 2 years of high-school-level foreign language or 2 semesters of college-level foreign language

Courses Not Used

<input type="checkbox"/>

Economics for Business Option ASSOCIATE IN ARTS (AA) 2025 - 2026

Student's Name: _____

Student's ID Number: _____

Pathway Navigator: _____ Faculty Advisor: **Matt Herndon**

General Education (36 Hours)

Transfer track programs often require that you take specific general education courses in each general education area. Below are the general education requirements for your program. Consult with your Faculty Advisor if you have any questions.

Communications (6 credits)

<input type="checkbox"/> ENC1101 English Composition I•+*	3
<input type="checkbox"/> ENC1101C Enhanced English Comp. I•+*	4
<input type="checkbox"/> ENC1102 English Composition II+*	3
<input type="checkbox"/> _____	

Humanities (9 credits)

One course each from Visual & Performing Arts, Philosophy/Religion, and Literature. At least one course must be a core course (•).

Humanities 1-Visual & Performing Arts

<input type="checkbox"/> ARH2000 Understanding Visual Arts•	3
<input type="checkbox"/> ARH2050 Art History I	3
<input type="checkbox"/> ARH2051 Art History II	3
<input type="checkbox"/> ARH2060 History of Architecture	3
<input type="checkbox"/> MUL2010 Understanding Music•	3
<input type="checkbox"/> MUL2110 Survey of Music Literature	3
<input type="checkbox"/> THE2000 Understanding Theater•	3
<input type="checkbox"/> _____	3

Humanities 2-Philosophy/Religion

Prerequisite ENC1101 or ENC1101C with grade "C" or higher.

<input type="checkbox"/> HUM2020 Introduction to Humanities•+*	3
<input type="checkbox"/> PHI2010 Introduction to Philosophy•+*	3
<input type="checkbox"/> PHI2600 Ethics+*	3
<input type="checkbox"/> REL2121 Intro. to Religion in America+*	3
<input type="checkbox"/> REL2300 Religions of the World+*	3
<input type="checkbox"/> _____	3

Humanities 3-Literature

Prerequisite ENC1102 with grade "C" or higher.

<input type="checkbox"/> AML2010 Amer. Lit. through Civil War+*	3
<input type="checkbox"/> AML2020 Amer. Lit: Reconst.-Present+*	3
<input type="checkbox"/> ENG2111 Literature and Film+*	3
<input type="checkbox"/> ENL2012 Eng. Lit. through 18th Century+*	3
<input type="checkbox"/> ENL2022 Eng. Lit.: Romantics to Present+*	3
<input type="checkbox"/> LIT2000 Literature and Culture•+*	3
<input type="checkbox"/> LIT2040 World Drama+*	3
<input type="checkbox"/> LIT2090 Contemporary Literature+*	3
<input type="checkbox"/> LIT2110 World Lit.: Ancient-Renaissance+*	3
<input type="checkbox"/> LIT2120 World Lit.: Enlightenment-Present+*	3
<input type="checkbox"/> _____	3

Mathematics (6 credits)

Two courses from Mathematics. At least one course must be a core course (•). Students who successfully complete a mathematics course for which a core course option in mathematics is an immediate prerequisite shall be considered to have completed the mathematics core.

<input type="checkbox"/> STA2023 Statistics•+*	3
<input type="checkbox"/> MAC2233 Business Calculus+*	3
<input type="checkbox"/> _____	

Developmental Courses

<input type="checkbox"/> ENC0022 Dev. Writing I & II Combined*	3
<input type="checkbox"/> REA0019 Dev. Reading I & II Combined*	3
<input type="checkbox"/> MAT0012 Dev. Arithmetic with Algebra*	3
<input type="checkbox"/> _____	

Key

• = General Education Core course

+ = Prerequisite or co-requisite required

* = Minimum grade of "C" required

@ = Course meets Civic Literacy Requirement

Natural Sciences (6 credits)

One course each from Physical Sciences and Biological Sciences. At least one course must be a core course (•).

Physical Sciences

<input type="checkbox"/> AST1002 Descriptive Astronomy•	3
<input type="checkbox"/> CHM1025 Intro. to General Chemistry+	3
<input type="checkbox"/> CHM1032 General, Organic, Biochemistry+	3
<input type="checkbox"/> CHM1045 General Chemistry•+*	3
<input type="checkbox"/> ESC2000 Earth & Space Science Survey•	3
<input type="checkbox"/> EVR1001 Intro. to Environmental Science•	3
<input type="checkbox"/> GLY1010 Physical Geology•	3
<input type="checkbox"/> GLY1032 Natural Disasters	3
<input type="checkbox"/> OCE1001 Fundamentals of Oceanography•	3
<input type="checkbox"/> PHY1020 Basic Concepts of Physics•	3
<input type="checkbox"/> PHY1023 Survey of General Physics+	3
<input type="checkbox"/> PHY2048 University Physics I•+*	4
<input type="checkbox"/> PHY2053 College Physics I•+*	3
<input type="checkbox"/> _____	

Biological Sciences

<input type="checkbox"/> BOT2800 Plants & Society	3
<input type="checkbox"/> BSC1005 General Biological Science•	3
<input type="checkbox"/> BSC1020 Human Biology	3
<input type="checkbox"/> BSC2010 Biology for Science Majors I•+*	3
<input type="checkbox"/> BSC2085 Anatomy & Physiology I•+*	3
<input type="checkbox"/> BSC2311 Introduction to Marine Biology	3
<input type="checkbox"/> _____	

Social Sciences (9 credits)

One course each from Behavioral Sciences, History, and Government. At least one course must be a core course (•). History & Government: Students are expected to take one Global course and one U.S. course. See Civic Literacy requirement under Other AA Requirements.

Behavioral Sciences

<input type="checkbox"/> ECO2013 Principles of Economics, Macro•	3
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History

Global	
<input type="checkbox"/> EUH1000 Western Civilization I	3
<input type="checkbox"/> EUH1001 Western Civilization II	3
<input type="checkbox"/> WOH 2012 World History I	3
<input type="checkbox"/> WOH 2022 World History II	3
<input type="checkbox"/> _____	
U.S.	
<input type="checkbox"/> AMH2010 United States History I•@	3
<input type="checkbox"/> AMH2020 United States History II•@	3
<input type="checkbox"/> _____	

Government

Global	
<input type="checkbox"/> CPO2002 Comparative Government	3
U.S.	
<input type="checkbox"/> POS2041 American Nat'l Government•@	3
<input type="checkbox"/> POS2112 State & Local Government	3
<input type="checkbox"/> _____	

Major Electives (15 hours)

The purpose of this transfer track is to prepare students for an advanced education at the university level. Students are encouraged to be familiar with the admissions requirements at the university they plan to attend.

<input type="checkbox"/> CGS1570 Microcomputer Applications	3
<input type="checkbox"/> ACG2001 Financial Accounting I*	3
<input type="checkbox"/> ACG2011 Financial Accounting II+*	3
<input type="checkbox"/> ECO2023 Principles of Economics, Micro	3
<input type="checkbox"/> ACG2071 Managerial Accounting+*	3

Other Electives (9 hours)

<input type="checkbox"/> _____	

Courses Not Used

<input type="checkbox"/> _____	

Notes

<input type="checkbox"/> _____	

Other AA Requirements

<input type="checkbox"/> General Education Core Requirement	
Successful completion of at least one dotted core course from each of the five major general education areas: Communications, Humanities, Mathematics, Natural Sciences, Social Sciences	

<input type="checkbox"/> Civic Literacy Requirement (@)	
--	--

Successful completion of AMH 2010 OR AMH 2020 OR POS 2041 **AND** passing score on civic literacy exam (FCLE)

<input type="checkbox"/> Foreign Language Requirement	
--	--

Successful completion of 2 years of high-school-level foreign language or 2 semesters of college-level foreign language

Engineering Technology

Building Construction

ASSOCIATE IN ARTS (AA)

2025 - 2026

Student's Name: _____

Student's ID Number: _____

Pathway Navigator: _____ Faculty Advisor: Antonio Adessi

General Education (36 Hours)

Transfer track programs often require that you take specific general education courses in each general education area. Below are the general education requirements for your program. Consult with your Faculty Advisor if you have any questions.

Communications (6 credits)

<input type="checkbox"/> ENC1101 English Composition I•+*	3
<input type="checkbox"/> ENC1101C Enhanced English Comp. I•+*	4
<input type="checkbox"/> ENC1102 English Composition II+*	3

Humanities (9 credits)

One course each from Visual & Performing Arts, Philosophy/Religion, and Literature. At least one course must be a core course (•).

Humanities 1-Visual & Performing Arts

<input type="checkbox"/> ARH2000 Understanding Visual Arts•	3
<input type="checkbox"/> ARH2050 Art History I	3
<input type="checkbox"/> ARH2051 Art History II	3
<input type="checkbox"/> ARH2060 History of Architecture	3
<input type="checkbox"/> MUL2010 Understanding Music•	3
<input type="checkbox"/> MUL2110 Survey of Music Literature	3
<input type="checkbox"/> THE2000 Understanding Theater•	3

Humanities 2-Philosophy/Religion

<i>Prerequisite ENC1101 or ENC1101C with grade "C" or higher.</i>
<input type="checkbox"/> HUM2020 Introduction to Humanities•+*
<input type="checkbox"/> PHI2010 Introduction to Philosophy•+*
<input type="checkbox"/> PHI2600 Ethics+*
<input type="checkbox"/> REL2121 Intro. to Religion in America+*
<input type="checkbox"/> REL2300 Religions of the World+*

Humanities 3-Literature

Prerequisite ENC1102 with grade "C" or higher.

<input type="checkbox"/> AML2010 Amer. Lit. through Civil War+*	3
<input type="checkbox"/> AML2020 Amer. Lit. Reconst.-Present+*	3
<input type="checkbox"/> ENG2111 Literature and Film+*	3
<input type="checkbox"/> ENL2012 Eng. Lit. through 18th Century+*	3
<input type="checkbox"/> ENL2022 Eng. Lit.: Romantics to Present+*	3
<input type="checkbox"/> LIT2000 Literature and Culture•+*	3
<input type="checkbox"/> LIT2040 World Drama+*	3
<input type="checkbox"/> LIT2090 Contemporary Literature+*	3
<input type="checkbox"/> LIT2110 World Lit.: Ancient-Renaissance+*	3
<input type="checkbox"/> LIT2120 World Lit.: Enlightenment-Present+*	3

Mathematics (6 credits)

Two courses from Mathematics. At least one course must be a core course (•). Students who successfully complete a mathematics course for which a core course option in mathematics is an immediate prerequisite shall be considered to have completed the mathematics core.

<input type="checkbox"/> MAC1105 College Algebra•+*	3
<input type="checkbox"/> MAC1140 Pre-Calculus Algebra+*	3

Developmental Courses

<input type="checkbox"/> ENC0022 Dev. Writing I & II Combined*	3
<input type="checkbox"/> REA0019 Dev. Reading I & II Combined*	3
<input type="checkbox"/> MAT0012 Dev. Arithmetic with Algebra*	3

Key

- = General Education Core course
- + = Prerequisite or co-requisite required
- * = Minimum grade of "C" required
- @ = Course meets Civic Literacy Requirement

Student's Name: _____

Student's ID Number: _____

Pathway Navigator: _____ Faculty Advisor: Antonio Adessi

Major Electives (24 or 25)

The purpose of this transfer track is to provide students the opportunity to gain knowledge in the disciplines necessary for a career in building construction. The track is designed to meet the first two years of preparation for a four-year degree based on the program offered at the University of West Florida. Students should make contact as soon as possible with the school they plan to attend to make any program adjustments needed and to become familiar with the admissions requirements of that particular university. Other programs are offered at Florida A&M University.

A four year degree could lead to self-employment in the construction field; contract work for a government agency or private business; or employment by a private construction firm or government agency. Individuals are required to pass a state exam and meet all state licensing requirements to become a licensed contractor.

It is recommended that students take CGS1570 Microcomputer Applications as an elective. Students should check with the advisor to investigate other courses that may be taken to facilitate the transfer to the university of their choice. GCSC offers BCN2405, which is a requirement at The University of West Florida; however, students should check with the University prior to taking this course as an elective. Students should set their goals to enter the upper division program in the fall semester in order to get the correct sequence of courses at the university.

<input type="checkbox"/> CGS1570 Microcomputer Applications	3
<input type="checkbox"/> ACG2001 Financial Accounting I*	3
<input type="checkbox"/> ECO2023 Principles of Economics, Micro	3
<input type="checkbox"/> STA2023 Statistics*	3
<input type="checkbox"/> BCN2405 Statics and Strength of Materials	3
<input type="checkbox"/> BUL2241 Business Law	3
<input type="checkbox"/> PHY2054 College Physics II+*	3

<input type="checkbox"/> MAC 2311 Calc. with Analytic Geometry I+*	4
<input type="checkbox"/> Or	
<input type="checkbox"/> MAC2233 Calculus for Business+*	3

Recommended Electives:
<i>EGN110C Engineering Drawing, 3 crs.</i>
<i>ARC2312C Intro. to Building Assembly Model., 4 crs.</i>
<i>BCT2715 Construction Management, 3 crs.</i>
<i>BCT2770 Construction Estimating, 3 crs.</i>
<i>GIS2040 Intro. to Geographic Inform. Systems, 3 crs.</i>
<i>EGS1006 Introductions to Engineering, 1 cr.</i>
<i>BCN1230 Materials and Methods, 3 crs.</i>
<i>BCN2949 Building Construction Co-Op, 1 - 3 crs.</i>

Courses Not Used

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

Notes

Health Services Administration Option

ASSOCIATE IN ARTS (AA)

2025 - 2026

Student's Name: _____

Student's ID Number: _____

Pathway Navigator: _____

Faculty Advisor: **Kim Allan**

General Education (36 Hours)

Transfer track programs often require that you take specific general education courses in each general education area. Below are the general education requirements for your program. Consult with your Faculty Advisor if you have any questions.

Communications (6 credits)

<input type="checkbox"/> ENC1101 English Composition I•+*	3
<input type="checkbox"/> ENC1101C Enhanced English Comp. I•+*	4
<input type="checkbox"/> ENC1102 English Composition II+*	3

Natural Sciences (6 credits)

One course each from Physical Sciences and Biological Sciences. At least one course must be a core course (•).

Physical Sciences

<input type="checkbox"/> AST1002 Descriptive Astronomy•	3
<input type="checkbox"/> CHM1025 Intro. to General Chemistry+	3
<input type="checkbox"/> CHM1032 General, Organic, Biochemistry+	3
<input type="checkbox"/> CHM1045 General Chemistry•+*	3
<input type="checkbox"/> ESC2000 Earth & Space Science Survey•	3
<input type="checkbox"/> EVR1001 Intro. to Environmental Science•	3
<input type="checkbox"/> GLY1010 Physical Geology•	3
<input type="checkbox"/> GLY1032 Natural Disasters	3
<input type="checkbox"/> OCE1001 Fundamentals of Oceanography•	3
<input type="checkbox"/> PHY1020 Basic Concepts of Physics•	3
<input type="checkbox"/> PHY1023 Survey of General Physics+	3
<input type="checkbox"/> PHY2048 University Physics I•+*	4
<input type="checkbox"/> PHY2053 College Physics I•+*	3

Major Electives (15 hours)

This program is designed to prepare students for upper division studies in health care management at the state universities of FAMU, FAU, FGCU, FIU, UCF, and UNF. Graduates of this bachelor's degree will be prepared for entry-level management in a health service field. It is strongly recommended that students be familiar with the admissions requirements of the university they plan to attend and the particular requirements for the individual program.

<input type="checkbox"/> CGS1570 Microcomputer Applications	3
<input type="checkbox"/> ACG2001 Financial Accounting I*	3
<input type="checkbox"/> ACG2011 Financial Accounting II+*	3
<input type="checkbox"/> ECO2023 Principles of Economics, Micro	3
<input type="checkbox"/> ACG2071 Managerial Accounting+*	3

Electives (9 hours)

<input type="checkbox"/>	_____

Humanities (9 credits)

One course each from Visual & Performing Arts, Philosophy/Religion, and Literature. At least one course must be a core course (•).

Humanities 1-Visual & Performing Arts

<input type="checkbox"/> ARH2000 Understanding Visual Arts•	3
<input type="checkbox"/> ARH2050 Art History I	3
<input type="checkbox"/> ARH2051 Art History II	3
<input type="checkbox"/> ARH2060 History of Architecture	3
<input type="checkbox"/> MUL2010 Understanding Music•	3
<input type="checkbox"/> MUL2110 Survey of Music Literature	3
<input type="checkbox"/> THE2000 Understanding Theater•	3

Biological Sciences

<input type="checkbox"/> BOT2800 Plants & Society	3
<input type="checkbox"/> BSC1005 General Biological Science•	3
<input type="checkbox"/> BSC1020 Human Biology	3
<input type="checkbox"/> BSC2010 Biology for Science Majors I•+*	3
<input type="checkbox"/> BSC2085 Anatomy & Physiology I•+*	3
<input type="checkbox"/> BSC2311 Introduction to Marine Biology	3

Humanities 2-Philosophy/Religion

Prerequisite ENC1101 or ENC1101C with grade "C" or higher.

<input type="checkbox"/> HUM2020 Introduction to Humanities•+*	3
<input type="checkbox"/> PHI2010 Introduction to Philosophy•+*	3
<input type="checkbox"/> PHI2600 Ethics+*	3
<input type="checkbox"/> REL2121 Intro. to Religion in America+*	3
<input type="checkbox"/> REL2300 Religions of the World+*	3

Humanities 3-Literature

Prerequisite ENC1102 with grade "C" or higher.

<input type="checkbox"/> AML2010 Amer. Lit. through Civil War+*	3
<input type="checkbox"/> AML2020 Amer. Lit: Reconst.-Present+*	3
<input type="checkbox"/> ENG2111 Literature and Film+*	3
<input type="checkbox"/> ENL2012 Eng. Lit. through 18th Century+*	3
<input type="checkbox"/> ENL2022 Eng. Lit.: Romantics to Present+*	3
<input type="checkbox"/> LIT2000 Literature and Culture•+*	3
<input type="checkbox"/> LIT2040 World Drama+*	3
<input type="checkbox"/> LIT2090 Contemporary Literature+*	3
<input type="checkbox"/> LIT2110 World Lit.: Ancient-Renaissance+*	3
<input type="checkbox"/> LIT2120 World Lit.: Enlightenment-Present+*	3

Social Sciences (9 credits)

One course each from Behavioral Sciences, History, and Government. At least one course must be a core course (•). History & Government: Students are expected to take one Global course and one U.S. course. See Civic Literacy requirement under Other AA Requirements.

Behavioral Sciences

<input type="checkbox"/> PSY2012 General Psychology•	3
<input type="checkbox"/> SYG2000 Principles of Sociology	3

History

<input type="checkbox"/> EUH1000 Western Civilization I	3
<input type="checkbox"/> EUH1001 Western Civilization II	3
<input type="checkbox"/> WOH2012 World History I	3
<input type="checkbox"/> WOH2022 World History II	3
U.S.	
<input type="checkbox"/> AMH2010 United States History I•@	3
<input type="checkbox"/> AMH2020 United States History II•@	3

Courses Not Used

<input type="checkbox"/>	_____

Other AA Requirements

General Education Core Requirement

Successful completion of at least one dotted core course from each of the five major general education areas: Communications, Humanities, Mathematics, Natural Sciences, Social Sciences

Civic Literacy Requirement (@)

Successful completion of AMH 2010 OR AMH 2020 OR POS 2041 AND passing score on civic literacy exam (FCLE)

Foreign Language Requirement

Successful completion of 2 years of high-school-level foreign language or 2 semesters of college-level foreign language

Key

• = General Education Core course

+ = Prerequisite or co-requisite required

* = Minimum grade of "C" required

@ = Course meets Civic Literacy Requirement

Developmental Courses

<input type="checkbox"/> ENC0022 Dev. Writing I & II Combined*	3
<input type="checkbox"/> REA0019 Dev. Reading I & II Combined*	3
<input type="checkbox"/> MAT0012 Dev. Arithmetic with Algebra*	3

Recreation: Leisure Services Management Emphasis Option

ASSOCIATE IN ARTS (AA)

2025 - 2026

Student's Name: _____

Student's ID Number: _____

Pathway Navigator: _____ Faculty Advisor: **Matt Herndon**

General Education (36 Hours)

Transfer track programs often require that you take specific general education courses in each general education area. Below are the general education requirements for your program. Consult with your Faculty Advisor if you have any questions.

Communications (6 credits)

<input type="checkbox"/> ENC1101 English Composition I•+*	3
<input type="checkbox"/> ENC1101C Enhanced English Comp. I•+*	4
<input type="checkbox"/> ENC1102 English Composition II+*	3

Humanities (9 credits)

One course each from Visual & Performing Arts, Philosophy/Religion, and Literature. At least one course must be a core course (•).

Humanities 1-Visual & Performing Arts

<input type="checkbox"/> ARH2000 Understanding Visual Arts•	3
<input type="checkbox"/> ARH2050 Art History I	3
<input type="checkbox"/> ARH2051 Art History II	3
<input type="checkbox"/> ARH2060 History of Architecture	3
<input type="checkbox"/> MUL2010 Understanding Music•	3
<input type="checkbox"/> MUL2110 Survey of Music Literature	3
<input type="checkbox"/> THE2000 Understanding Theater•	3

Humanities 2-Philosophy/Religion

Prerequisite ENC1101 or ENC1101C with grade "C" or higher.

<input type="checkbox"/> HUM2020 Introduction to Humanities•+*	3
<input type="checkbox"/> PHI2010 Introduction to Philosophy•+*	3
<input type="checkbox"/> PHI2600 Ethics+*	3
<input type="checkbox"/> REL2121 Intro. to Religion in America+*	3
<input type="checkbox"/> REL2300 Religions of the World+*	3

Humanities 3-Literature

Prerequisite ENC1102 with grade "C" or higher.

<input type="checkbox"/> AML2010 Amer. Lit. through Civil War+*	3
<input type="checkbox"/> AML2020 Amer. Lit: Reconst.-Present+*	3
<input type="checkbox"/> ENG2111 Literature and Film+*	3
<input type="checkbox"/> ENL2012 Eng. Lit. through 18th Century+*	3
<input type="checkbox"/> ENL2022 Eng. Lit.: Romantics to Present+*	3
<input type="checkbox"/> LIT2000 Literature and Culture•+*	3
<input type="checkbox"/> LIT2040 World Drama+*	3
<input type="checkbox"/> LIT2090 Contemporary Literature+*	3
<input type="checkbox"/> LIT2110 World Lit.: Ancient-Renaissance+*	3
<input type="checkbox"/> LIT2120 World Lit.: Enlightenment-Present+*	3

Mathematics (6 credits)

Two courses from Mathematics. At least one course must be a core course (•). Students who successfully complete a mathematics course for which a core course option in mathematics is an immediate prerequisite shall be considered to have completed the mathematics core.

<input type="checkbox"/> MGF1107 Survey of Mathematics+*	3
<input type="checkbox"/> MGF1130 Mathematical Thinking•+*	3
<input type="checkbox"/> STA2023 Statistics•+*	3
<input type="checkbox"/> STA2122 Statistical Applications+*	4
<input type="checkbox"/> MAC1105 College Algebra•+*	3
<input type="checkbox"/> MAC1114 Plane Trigonometry+*	3
<input type="checkbox"/> MAC1140 Pre-Calculus Algebra+ *	3
<input type="checkbox"/> MAC2233 Business Calculus+*	3
<input type="checkbox"/> MAC2311 Calculus with Geometry I•+*	4
<input type="checkbox"/> MAC2312 Calculus with Geometry II+*	4
<input type="checkbox"/> MAC2313 Calculus with Geometry III+*	4
<input type="checkbox"/> MAP2302 Differential Equations+*	3

Natural Sciences (6 credits)

One course each from Physical Sciences and Biological Sciences. At least one course must be a core course (•).

Physical Sciences

<input type="checkbox"/> AST1002 Descriptive Astronomy•	3
<input type="checkbox"/> CHM1025 Intro. to General Chemistry+*	3
<input type="checkbox"/> CHM1032 General, Organic, Biochemistry*	3
<input type="checkbox"/> CHM1045 General Chemistry•+*	3
<input type="checkbox"/> ESC2000 Earth & Space Science Survey•	3
<input type="checkbox"/> EVR1001 Intro. to Environmental Science•	3
<input type="checkbox"/> GLY1010 Physical Geology•	3
<input type="checkbox"/> GLY1032 Natural Disasters	3
<input type="checkbox"/> OCE1001 Fundamentals of Oceanography•	3
<input type="checkbox"/> PHY1020 Basic Concepts of Physics•	3
<input type="checkbox"/> PHY1023 Survey of General Physics+*	3
<input type="checkbox"/> PHY2048 University Physics I•+*	4
<input type="checkbox"/> PHY2053 College Physics I•+*	3

Biological Sciences

<input type="checkbox"/> BOT2800 Plants & Society	3
<input type="checkbox"/> BSC1005 General Biological Science•	3
<input type="checkbox"/> BSC1020 Human Biology	3
<input type="checkbox"/> BSC2010 Biology for Science Majors I•+*	3
<input type="checkbox"/> BSC2085 Anatomy & Physiology I•+*	3
<input type="checkbox"/> BSC2311 Introduction to Marine Biology	3

Social Sciences (9 credits)

One course each from Behavioral Sciences, History, and Government. At least one course must be a core course (•). History & Government: Students are expected to take one Global course and one U.S. course. See Civic Literacy requirement under Other AA Requirements.

Behavioral Sciences

<input type="checkbox"/> ECO2013 Principles of Economics, Macro•	3
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History

Global

<input type="checkbox"/> EUH1000 Western Civilization I	3
<input type="checkbox"/> EUH1001 Western Civilization II	3
<input type="checkbox"/> WOH 2012 World History I	3
<input type="checkbox"/> WOH 2022 World History II	3

U.S.

<input type="checkbox"/> AMH2010 United States History I•@	3
<input type="checkbox"/> AMH2020 United States History II•@	3

Government

Global

<input type="checkbox"/> CPO2002 Comparative Government	3
---	---

U.S.

<input type="checkbox"/> POS2041 American Nat'l Government•@	3
<input type="checkbox"/> POS2112 State & Local Government	3

Developmental Courses

<input type="checkbox"/> ENC0022 Dev. Writing I & II Combined*	3
<input type="checkbox"/> REA0019 Dev. Reading I & II Combined*	3
<input type="checkbox"/> MAT0012 Dev. Arithmetic with Algebra*	3

Key

- = General Education Core course
- + = Prerequisite or co-requisite required
- * = Minimum grade of "C" required
- @ = Course meets Civic Literacy Requirement

Major Electives (15 hours)

The purpose of this transfer track is to prepare students for a career in leisure services. The four year universities and colleges offer a variety of leisure services programs including resort and commercial recreation, corporate and industrial recreation, fitness management, municipal and county recreation, therapeutic recreation, and teacher certification. Students are encouraged to be familiar with the admissions requirements at the university they plan to attend.

<input type="checkbox"/> DEP2004 Developmental Psychology	3
<input type="checkbox"/> CGS1570 Microcomputer Applications	3
<input type="checkbox"/> MAN2021 Principles of Management	3
<input type="checkbox"/> MAR2011 Marketing	3
<input type="checkbox"/> SPC1608 Introduction to Public Speaking	3

Electives (9 hours)

<input type="checkbox"/>	_____

Courses Not Used

<input type="checkbox"/>	_____

Notes

<input type="checkbox"/>	_____
<input type="checkbox"/>	_____

Other AA Requirements

General Education Core Requirement

Successful completion of at least one dotted core course from each of the five major general education areas: Communications, Humanities, Mathematics, Natural Sciences, Social Sciences

Civic Literacy Requirement (@)

Successful completion of AMH 2010 OR AMH 2020 OR POS 2041 AND passing score on civic literacy exam (FCLE)

Foreign Language Requirement

Successful completion of 2 years of high-school-level foreign language or 2 semesters of college-level foreign language

BUSINESS, INDUSTRY, TECHNOLOGY, & MANUFACTURING PATHWAY



- Accounting Technology
- Architectural Design and Construction Technology
- Business Administration and Management
- Culinary Management
- Cybersecurity
- Digital Media/Multimedia Technology:
 - Digital Production
 - Marketing and Graphics
 - Web Development
- Engineering Technology:
 - Advanced Manufacturing
 - Alternative Energy
 - Digital Manufacturing
- Hospitality and Tourism Management
- Network Systems Technology
- Software and Database Developer
- Unmanned Vehicle Systems Operations



Accounting Technology

ASSOCIATE IN SCIENCE(AS)

2025 - 2026

Student's Name: _____

Student's ID Number: _____

Pathway Navigator: _____ Faculty Advisor: **Tracy Sewell**

General Education (15 hours)

The Associate in Science degree consists of a minimum of 60 college-level semester hours with at least 15 semester hours of General Education Core courses. The General Education Core courses are chosen for their appropriateness for each degree and represent courses from each of the following disciplines: humanities/fine arts, natural science/mathematics, behavioral science/social science and communications. Consult with your Faculty Advisor if you have any questions.

Communications (3/4 credits)

- ENC1101 English Composition I•+* 3
- ENC1101C Enhanced English Comp. I•+* 4

Humanities (3 credits)

Select one Humanities course

Humanities 1-Visual & Performing Arts

- ARH2000 Understanding Visual Arts• 3
- MUL2010 Understanding Music• 3
- THE2000 Understanding Theater• 3

Humanities 2-Philosophy/Religion

Prerequisite ENC1101 or ENC1101C with grade "C" or higher.

- HUM2020 Introduction to Humanities•+* 3
- PHI2010 Intro. to Philosophy•+* 3

Humanities 3-Literature

Prerequisite ENC1102 with grade "C" or higher.

- LIT2000 Literature and Culture•+* 3

Mathematics (3 credits)

Select one Mathematics Course

- MGF1130 Mathematical Thinking•+* 3
- STA2023 Statistics•+* 3
- MAC1105 College Algebra•+* 3
- MAC2311 Calculus with Geometry I•+* 4

Natural Sciences (3 credits)

Select one Science course

Physical Sciences

- AST1002 Descriptive Astronomy• 3
- CHM1045 General Chemistry•+ 3
- ESC2000 Earth & Space Science Survey• 3
- EVR1001 Intro. to Environmental Science• 3
- GLY1010 Physical Geology• 3
- OCE1001 Fundamentals of Oceanography• 3
- PHY1020 Basic Concepts of Physics• 3
- PHY2048 University Physics I•+ 4
- PHY2053 College Physics I•+ 3

Biological Sciences

- BSC1005 General Biological Science• 3
- BSC2010 Biology for Science Majors I•+ 3
- BSC2085 Anatomy & Physiology I•+ 3

Social Sciences (3 credits)

Select one Social Science Course

History

- AMH2010 United States History I•@ 3
- AMH2020 United States History II•@ 3

Government

- POS2041 American Nat'l Government•@ 3

Major Courses (45 hours)

The purpose of this program is to prepare students for immediate employment in the field of accounting. Students who graduate from this program would typically work as bookkeepers or accounting technicians.

- CGS1570 Microcomputer Applications 3
- MAN1300 Intro. Human Resource Mgmt. 3
- ACG2001 Financial Accounting I* 3
- ACG2011 Financial Accounting II+* 3
- ECO2013 Principles of Economics, Macro 3
- ECO2023 Principles of Economics, Micro 3
- BUL2241 Business Law 3
- MAN2021 Principles of Management 3
- MAN2160 Foundations of Leadership 3
- FIN1100 Personal Finance 3
- ACG2071 Managerial Accounting+* 3
- CGS2518 Spreadsheets for Bus. Environ.+ 3
- ACG2450 Intro. to Accounting Software+* 3
- TAX1000 Principles of Taxation I# 3
- ACG2930 Special Topics in Accounting+ 3

Courses not Used

- _____
- _____
- _____
- _____
- _____
- _____
- _____

Other AS Requirements

- General Education Core Requirement**
Successful completion of at least one dotted core course from each of the five major general education areas: Communications, Humanities, Mathematics, Natural Sciences, Social Sciences

- Civic Literacy Requirement (@)**
Successful completion of AMH 2010 OR AMH 2020 OR POS 2041 **AND** passing score on civic literacy exam (FCLE)

Developmental Courses

- ENC0022 Dev. Writing I & II Combined* 3
- REA0019 Dev. Reading I & II Combined* 3
- MAT0012 Dev. Arithmetic with Algebra* 3

Key

+ = Prerequisite or co-requisite required

* = Minimum grade of "C" required

@ = Course meets Civic Literacy Requirement

•= General Education Core course

#=Applies to A.S. and Certificate Programs

Notes

Architectural Design & Construction Technology ASSOCIATE IN SCIENCE(AS) 2025 - 2026

Student's Name: _____

Student's ID Number: _____

Pathway Navigator: _____ Faculty Advisor: Antonio Adessi

General Education (15 hours)

The Associate in Science degree consists of a minimum of 60 college-level semester hours with at least 15 semester hours of General Education Core courses. The General Education Core courses are chosen for their appropriateness for each degree and represent courses from each of the following disciplines: humanities/fine arts, natural science/mathematics, behavioral science/social science and communications. Consult with your Faculty Advisor if you have any questions.

Communications (3/4 credits)

<input type="checkbox"/> ENC1101 English Composition I•+*	3
<input type="checkbox"/> ENC1101C Enhanced English Comp. I•+*	4

Humanities (3 credits)

Humanities 1-Visual & Performing Arts

<input type="checkbox"/> ARH2000 Understanding Visual Arts•	3
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Mathematics (3 credits)

Select one Mathematics Course

<input type="checkbox"/> MAC1105 College Algebra•+*	3
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Natural Sciences (3 credits)

Select one Science course

Physical Sciences

<input type="checkbox"/> AST1002 Descriptive Astronomy•	3
<input type="checkbox"/> CHM1045 General Chemistry•+*	3
<input type="checkbox"/> ESC2000 Earth & Space Science Survey•	3
<input type="checkbox"/> EVR1001 Intro. to Environmental Science•	3
<input type="checkbox"/> GLY1010 Physical Geology•	3
<input type="checkbox"/> OCE1001 Fundamentals of Oceanography•	3
<input type="checkbox"/> PHY1020 Basic Concepts of Physics•	3
<input type="checkbox"/> PHY2048 University Physics I•+*	4
<input type="checkbox"/> PHY2053 College Physics I•+*	3

Biological Sciences

<input type="checkbox"/> BSC1005 General Biological Science•	3
<input type="checkbox"/> BSC2010 Biology for Science Majors I•+*	3
<input type="checkbox"/> BSC2085 Anatomy & Physiology I•+*	3

Social Sciences (3 credits)

Select one Social Science Course

History

<input type="checkbox"/> AMH2010 United States History I•@	3
<input type="checkbox"/> AMH2020 United States History II•@	3

Government

<input type="checkbox"/> POS2041 American Nat'l Government•@	3
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Major Courses (51 hours)

This program will prepare students for employment as construction planners or provide supplemental training for persons previously or currently employed in these occupations.

<input type="checkbox"/> EGN1110C Engineering Drawing	3
<input type="checkbox"/> ETD1320C Introduction to CAD#	3
<input type="checkbox"/> BCN1230 Materials and Methods	3
<input type="checkbox"/> ARC2180 Introduction to Digital Architecture+	3
<input type="checkbox"/> ARC1301C Design 1.1+	4
<input type="checkbox"/> ARC1302C Design 1.2+	4
<input type="checkbox"/> BCN2405 Statics and Strength of Materials	3
<input type="checkbox"/> ARC2312C Intro. Building Assembly Model.+	4
<input type="checkbox"/> BCT2715 Construction Management#	3
<input type="checkbox"/> BCT2770 Construction Estimating	3
<input type="checkbox"/> GIS2040 Intro. Geographic Inform. Systems*	3
<input type="checkbox"/> TAR2122 Residential Architectural Design+*	1
<input type="checkbox"/> TAR2122L Residential Design Lab+*	3
<input type="checkbox"/> TAR2154 Commercial Architectural Design+	1
<input type="checkbox"/> TAR2154L Commercial Design Lab+	3
<input type="checkbox"/> CGN2328C Tech. Drawing and Visualization+	3
<input type="checkbox"/> ARH2060 History of Architecture	3
<input type="checkbox"/> ARC2949 Architecture COOP+ Or	1
<input type="checkbox"/> BCN2949 Building Construction COOP+	1

Notes

Courses not Used

<input type="checkbox"/>	_____

Other AS Requirements

<input type="checkbox"/> General Education Core Requirement	Successful completion of at least one dotted core course from each of the five major general education areas: Communications, Humanities, Mathematics, Natural Sciences, Social Sciences
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Civic Literacy Requirement (@)

Successful completion of AMH 2020 OR POS 2041 AND passing score on the Florida Civic Literacy Exam (FCLE)

Developmental Courses

<input type="checkbox"/> ENC0022 Dev. Writing I & II Combined*	3
<input type="checkbox"/> REA0019 Dev. Reading I & II Combined*	3
<input type="checkbox"/> MAT0012 Dev. Arithmetic with Algebra*	3

Key

+ = Prerequisite or co-requisite required

* = Minimum grade of "C" required

@ = Course meets Civic Literacy Requirement

•= General Education Core course

#=Applies to A.S. and Certificate Programs

Business Administration and Management ASSOCIATE IN SCIENCE(AS) 2025 - 2026

Student's Name: _____

Student's ID Number: _____

Pathway Navigator: _____ Faculty Advisor: **Kim Allan**

General Education (15 hours)

The Associate in Science degree consists of a minimum of 60 college-level semester hours with at least 15 semester hours of General Education Core courses. The General Education Core courses are chosen for their appropriateness for each degree and represent courses from each of the following disciplines: humanities/fine arts, natural science/mathematics, behavioral science/social science and communications. Consult with your Faculty Advisor if you have any questions.

Communications (3/4 credits)

ENC1101 English Composition I•+* 3
 ENC1101C Enhanced English Comp. I•+* 4

Humanities (3 credits)

Select one Humanities course

Humanities 1-Visual & Performing Arts

ARH2000 Understanding Visual Arts• 3
 MUL2010 Understanding Music• 3
 THE2000 Understanding Theater• 3

Humanities 2-Philosophy/Religion

Prerequisite ENC1101 or ENC1101C with grade "C" or higher.

HUM2020 Introduction to Humanities•+* 3
 PHI2010 Intro. to Philosophy•+* 3

Humanities 3-Literature

Prerequisite ENC1102 with grade "C" or higher.

LIT2000 Literature and Culture•+* 3

Mathematics (3 credits)

Select one Mathematics Course

STA2023 Statistics•+* 3

Natural Sciences (3 credits)

Select one Science course

Physical Sciences

AST1002 Descriptive Astronomy• 3
 CHM1045 General Chemistry•+ 3
 ESC2000 Earth & Space Science Survey• 3
 EVR1001 Intro. to Environmental Science• 3
 GLY1010 Physical Geology• 3
 OCE1001 Fundamentals of Oceanography• 3
 PHY1020 Basic Concepts of Physics• 3
 PHY2048 University Physics I•+ 4
 PHY2053 College Physics I•+ 3

Biological Sciences

BSC1005 General Biological Science• 3
 BSC2010 Biology for Science Majors I•+ 3
 BSC2085 Anatomy & Physiology I•+ 3

Social Sciences (3 credits)

Select one Social Science Course

History

AMH2010 United States History I•@ 3
 AMH2020 United States History II•@ 3

Government

POS2041 American Nat'l Government•@ 3

Major Courses (45 hours)

The purpose of this program is to prepare students for immediate employment in the field of accounting. Students who graduate from this program would typically work as bookkeepers or accounting technicians.

CGS1570 Microcomputer Applications 3
 MAN1300 Intro. Human Resource Mgmt. 3
 ACG2001 Financial Accounting I* 3
 ACG2011 Financial Accounting II+* 3
 ECO2023 Principles of Economics, Micro 3
 BUL2241 Business Law 3
 CGS2069 Social Media Marketing+ 3
 MAN2021 Principles of Management 3
 MAR2011 Marketing 3
 MAN2500 Operations Management+ 3
 MAN2160 Foundations of Leadership 3
 CGS1103 Proj. Manag. Concepts & Processes 3

Notes

Select any 3 Courses from the list Below

ACG2071 Managerial Accounting+* 3
 CGS2518 Spreadsheets for Bus. Environ.+ 3
 DIG1135 Digital Design Concepts 3
 DIG2093 Digital Marketing+ 3
 DIG2100 Web Design I 3
 DIG2151 Writing for Media+ 3
 DIG2431 Digital Storytelling 3
 ECO2013 Principles of Economics, Macro 3
 ENT2000 Intro. to Entrepreneurship 3
 FIN1100 Personal Finances 3
 GRA2156 Comp. Graphics Digital Designers I 3
 MNA2949 Management Coop 3

Courses not Used

Other AS Requirements

General Education Core Requirement
Successful completion of at least one dotted core course from each of the five major general education areas: Communications, Humanities, Mathematics, Natural Sciences, Social Sciences

Civic Literacy Requirement (@) Successful completion of AMH 2010 OR AMH 2020 OR POS 2041 AND passing score on civic literacy exam (FCLE)

Key

+ = Prerequisite or co-requisite required
* = Minimum grade of "C" required
@ = Course meets Civic Literacy Requirement
•= General Education Core course
#=Applies to A.S. and Certificate Programs

Developmental Courses

ENC0022 Dev. Writing I & II Combined* 3
 REA0019 Dev. Reading I & II Combined* 3
 MAT0012 Dev. Arithmetic with Algebra* 3

Culinary Management

ASSOCIATE IN SCIENCE(AS)

2025 - 2026

Student's Name: _____

Student's ID Number: _____

Pathway Navigator: _____ Faculty Advisor: _____

General Education (15 hours)

The Associate in Science degree consists of a minimum of 60 college-level semester hours with at least 15 semester hours of General Education Core courses. The General Education Core courses are chosen for their appropriateness for each degree and represent courses from each of the following disciplines: humanities/fine arts, natural science/mathematics, behavioral science/social science and communications. Consult with your Faculty Advisor if you have any questions.

Communications (3/4 credits)

<input type="checkbox"/> ENC1101 English Composition I•+*	3
<input type="checkbox"/> ENC1101C Enhanced English Comp. I•+*	4

Humanities (3 credits)

Select one Humanities course

Humanities 1-Visual & Performing Arts

<input type="checkbox"/> ARH2000 Understanding Visual Arts•	3
<input type="checkbox"/> MUL2010 Understanding Music•	3
<input type="checkbox"/> THE2000 Understanding Theater•	3

Humanities 2-Philosophy/Religion

Prerequisite ENC1101 or ENC1101C with grade "C" or higher.

<input type="checkbox"/> HUM2020 Introduction to Humanities•+*	3
<input type="checkbox"/> PHI2010 Intro. to Philosophy•+*	3

Humanities 3-Literature

Prerequisite ENC1102 with grade "C" or higher.

<input type="checkbox"/> LIT2000 Literature and Culture•+*	3
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Mathematics (3 credits)

Select one Mathematics Course

<input type="checkbox"/> MGF1130 Mathematical Thinking•+*	3
<input type="checkbox"/> STA2023 Statistics•+*	3
<input type="checkbox"/> MAC1105 College Algebra•+*	3
<input type="checkbox"/> MAC2311 Calculus with Geometry I•+*	4

Natural Sciences (3 credits)

Select one Science course

Physical Sciences

<input type="checkbox"/> AST1002 Descriptive Astronomy•	3
<input type="checkbox"/> CHM1045 General Chemistry•+*	3
<input type="checkbox"/> ESC2000 Earth & Space Science Survey•	3
<input type="checkbox"/> EVR1001 Intro. to Environmental Science•	3
<input type="checkbox"/> GLY1010 Physical Geology•	3
<input type="checkbox"/> OCE1001 Fundamentals of Oceanography•	3
<input type="checkbox"/> PHY1020 Basic Concepts of Physics•	3
<input type="checkbox"/> PHY2048 University Physics I•+	4
<input type="checkbox"/> PHY2053 College Physics I•+	3

Biological Sciences

<input type="checkbox"/> BSC1005 General Biological Science•	3
<input type="checkbox"/> BSC2010 Biology for Science Majors I•+	3
<input type="checkbox"/> BSC2085 Anatomy & Physiology I•+	3

Social Sciences (3 credits)

Select one Social Science Course

History

<input type="checkbox"/> AMH2010 United States History I•@	3
<input type="checkbox"/> AMH2020 United States History II•@	3

Government

<input type="checkbox"/> POS2041 American Nat'l Government•@	3
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Major Courses (45 hours)

This program seeks candidates who are individually motivated and committed to a career in the food service profession. This program is accredited by the American Culinary Federation Education Foundation Accrediting Commission (ACFEFAC).

RETENTION REQUIREMENTS

A student must maintain a grade of "C" in each of the culinary courses in order to continue in the program. An overall "C" average is required for program completion.

<input type="checkbox"/> FOS2201 Food Service Sanitation & Safety#	2
<input type="checkbox"/> FSS1202C Basic Food Preparation+*	4
<input type="checkbox"/> FSS1063C Food Specialties - Baking+*	3
<input type="checkbox"/> HFT1000 Intro. To Hospitality Industry	3
<input type="checkbox"/> HFT2840C Dining Room Operations+*	3
<input type="checkbox"/> FSS2241 Advanced Food Preparation+*	3
<input type="checkbox"/> FSS1105 Food Purchasing#	3
<input type="checkbox"/> FSS1222C Kitchen Management+*	3
<input type="checkbox"/> HFT1265C Restaurant Management+*	3
<input type="checkbox"/> FSS1942 Culinary & Hospitality Externship+*	1
<input type="checkbox"/> HUN1001 Survey of Nutrition#	2
<input type="checkbox"/> FSS1248L Food Spec. - Garde Manager I+*	3
<input type="checkbox"/> FSS2224L Food Spec. - World Cuisines+*	3
<input type="checkbox"/> HFT2264C Banquet & Convention Mgmt.+*	3
<input type="checkbox"/> FSS2065L Food Spec. - Pastry+*	3
<input type="checkbox"/> HFT2867C Wine Essentials#	3

Courses not Used

<input type="checkbox"/>	_____

Notes

Other AS Requirements

General Education Core Requirement

Successful completion of at least one dotted core course from each of the five major general education areas: Communications, Humanities, Mathematics, Natural Sciences, Social Sciences

Civic Literacy Requirement (@)

Successful completion of AMH 2010 OR AMH 2020 OR POS 2041 AND passing score on civic literacy exam (FCLE)

Developmental Courses

<input type="checkbox"/> ENC0022 Dev. Writing I & II Combined*	3
<input type="checkbox"/> REA0019 Dev. Reading I & II Combined*	3
<input type="checkbox"/> MAT0012 Dev. Arithmetic with Algebra*	3

Key

+ = Prerequisite or co-requisite required

* = Minimum grade of "C" required

@ = Course meets Civic Literacy Requirement

•= General Education Core course

#=Applies to A.S. and Certificate Programs

Cybersecurity

ASSOCIATE IN SCIENCE(AS)

2025 - 2026

Student's Name: _____

Student's ID Number: _____

Pathway Navigator: _____ Faculty Advisor: **David Lee**

General Education (15 hours)

The Associate in Science degree consists of a minimum of 60 college-level semester hours with at least 15 semester hours of General Education Core courses. The General Education Core courses are chosen for their appropriateness for each degree and represent courses from each of the following disciplines: humanities/fine arts, natural science/mathematics, behavioral science/social science and communications. Consult with your Faculty Advisor if you have any questions.

Communications (3/4 credits)

<input type="checkbox"/> ENC1101 English Composition I•+*	3
<input type="checkbox"/> ENC1101C Enhanced English Comp. I•+*	4

Humanities (3 credits)

Select one Humanities course

Humanities 1–Visual & Performing Arts

<input type="checkbox"/> ARH2000 Understanding Visual Arts•	3
<input type="checkbox"/> MUL2010 Understanding Music•	3
<input type="checkbox"/> THE2000 Understanding Theater•	3

Humanities 2–Philosophy/Religion

Prerequisite ENC1101 or ENC1101C with grade "C" or higher.

<input type="checkbox"/> HUM2020 Introduction to Humanities•+*	3
<input type="checkbox"/> PHI2010 Intro. to Philosophy•+*	3

Humanities 3–Literature

Prerequisite ENC1102 with grade "C" or higher.

<input type="checkbox"/> LIT2000 Literature and Culture•+*	3
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Mathematics (3 credits)

<input type="checkbox"/> MAC1105 College Algebra•+*	3
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Natural Sciences (3 credits)

Select one Science course

Physical Sciences

<input type="checkbox"/> AST1002 Descriptive Astronomy•	3
<input type="checkbox"/> CHM1045 General Chemistry•+*	3
<input type="checkbox"/> ESC2000 Earth & Space Science Survey•	3
<input type="checkbox"/> EVR1001 Intro. to Environmental Science•	3
<input type="checkbox"/> GLY1010 Physical Geology•	3
<input type="checkbox"/> OCE1001 Fundamentals of Oceanography•	3
<input type="checkbox"/> PHY1020 Basic Concepts of Physics•	3
<input type="checkbox"/> PHY2048 University Physics I•+*	4
<input type="checkbox"/> PHY2053 College Physics I•+*	3

Biological Sciences

<input type="checkbox"/> BSC1005 General Biological Science•	3
<input type="checkbox"/> BSC2010 Biology for Science Majors I•+*	3
<input type="checkbox"/> BSC2085 Anatomy & Physiology I•+*	3

Social Sciences (3 credits)

Select one Social Science Course

History

<input type="checkbox"/> AMH2010 United States History I•@	3
<input type="checkbox"/> AMH2020 United States History II•@	3

Government

<input type="checkbox"/> POS2041 American Nat'l Government•@	3
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Major Courses (45 hours)

Cybersecurity professionals create and implement tactics to secure computer networks and systems. Cybersecurity professionals are in high demand as the growing number of cyberattacks continually increase. Our Cybersecurity-AS degree features a rigorous, hands-on curriculum taught by experienced industry professionals. In our courses, you will learn how to secure devices, data, and networks. Graduates of the Cybersecurity-AS program are prepared to assist in all areas of cyber defense. Additionally, successful completion of this program prepares you to take highly sought after industry certifications.

Courses not Used

<input type="checkbox"/>	_____

Notes

<input type="checkbox"/> CTS1111 Linux+(plus)*	3
<input type="checkbox"/> CTS1120 Security+(plus)+*	3
<input type="checkbox"/> CTS1650 Network Fundamentals*	3
<input type="checkbox"/> CGS1103 Project Mgmt. Concepts & Process.	3
<input type="checkbox"/> COP1000 Intro. to Programming Logic	3
<input type="checkbox"/> CTS2193 Cloud Essentials+##*	3
<input type="checkbox"/> CIS2352 Ethical Hacking I+*	3
<input type="checkbox"/> CIS2381 Comp. Forensics & Incid. Respon.+*	3
<input type="checkbox"/> CTS2315 Intrusion Detection & Firewalls+*	3
<input type="checkbox"/> CTS1651 Cisco Rout. Tech./Rout. Prot. & Conce.+*	3
<input type="checkbox"/> CTS1131 A+ Hardware##*	3
<input type="checkbox"/> CTS1133 Desktop Oper. Systems (A+ software)*	3
<input type="checkbox"/> CTS1390 Install. & Config. Windows Serv.*	3
<input type="checkbox"/> CNT1510 Wireless Networking##*	3
<input type="checkbox"/> CTS2940 Cybersecurity Capstone##*	3

Other AS Requirements

General Education Core Requirement
Successful completion of at least one dotted core course from each of the five major general education areas: Communications, Humanities, Mathematics, Natural Sciences, Social Sciences

Civic Literacy Requirement (@)
Successful completion of AMH 2010 OR AMH 2020 OR POS 2041 **AND passing score on civic literacy exam (FCLE)**

Developmental Courses

<input type="checkbox"/> ENC0022 Dev. Writing I & II Combined*	3
<input type="checkbox"/> REA0019 Dev. Reading I & II Combined*	3
<input type="checkbox"/> MAT0012 Dev. Arithmetic with Algebra*	3

Key

+ = Prerequisite or co-requisite required

* = Minimum grade of "C" required

@ = Course meets Civic Literacy Requirement

•= General Education Core course

#=Applies to A.S. and Certificate Programs

Engineering Technology

ASSOCIATE IN SCIENCE(AS)

2025 - 2026

General Education (15 hours)

The Associate in Science degree consists of a minimum of 60 college-level semester hours with at least 15 semester hours of General Education Core courses. The General Education Core courses are chosen for their appropriateness for each degree and represent courses from each of the following disciplines: humanities/fine arts, natural science/mathematics, behavioral science/social science and communications. Consult with your Faculty Advisor if you have any questions.

Communications (3/4 credits)

- ENC1101 English Composition I•+* 3
- ENC1101C Enhanced English Comp. I•+* 4

Humanities (3 credits)

Select one Humanities course

Humanities 1-Visual & Performing Arts

- ARH2000 Understanding Visual Arts• 3
- MUL2010 Understanding Music• 3
- THE2000 Understanding Theater• 3

Humanities 2-Philosophy/Religion

Prerequisite ENC1101 or ENC1101C with grade "C" or higher.

- HUM2020 Introduction to Humanities•+* 3
- PHI2010 Intro. to Philosophy•+* 3

Humanities 3-Literature

Prerequisite ENC1102 with grade "C" or higher.

- LIT2000 Literature and Culture•+* 3

Mathematics (3 credits)

Select one Mathematics Course

- MAC1105 College Algebra•+* 3

Natural Sciences (3 credits)

Select one Science course

Physical Sciences

- AST1002 Descriptive Astronomy• 3
- CHM1045 General Chemistry•+ 3
- ESC2000 Earth & Space Science Survey• 3
- EVR1001 Intro. to Environmental Science• 3
- GLY1010 Physical Geology• 3
- OCE1001 Fundamentals of Oceanography• 3
- PHY1020 Basic Concepts of Physics• 3
- PHY2048 University Physics I•+ 4
- PHY2053 College Physics I•+ 3

Biological Sciences

- BSC1005 General Biological Science• 3
- BSC2010 Biology for Science Majors I•+ 3
- BSC2085 Anatomy & Physiology I•+ 3

Social Sciences (3 credits)

Select one Social Science Course

History

- AMH2010 United States History I•@ 3
- AMH2020 United States History II•@ 3

Government

- POS2041 American Nat'l Government•@ 3

Developmental Courses

- ENC0022 Dev. Writing I & II Combined* 3
- REA0019 Dev. Reading I & II Combined* 3
- MAT0012 Dev. Arithmetic with Algebra* 3

Student's Name: _____

Student's ID Number: _____

Pathway Navigator: _____

Faculty Advisor: _____

Major Courses

The purpose of the Engineering Technology A.S. program is to prepare students for employment or provide additional training for persons previously or currently employed in the manufacturing, electronics, aerospace, or other related industries. This degree is a planned sequence of instruction with one common core and three specializations: alternative energies, advanced manufacturing, and digital manufacturing. It is recommended that students complete the core before advancing to the courses in their specialization. Topics include communication skills, technical competency, safe and efficient work practices and a combination of theory and laboratory activities to gain the necessary cognitive and manipulative skills to support engineering design, processes, production, testing, and product quality.

The 18 credit hour technical core has also been aligned with the standards of the Manufacturing Skills Standards Council (MSSC). MSSC standards define the knowledge, skills, and performance needed for positions in manufacturing. After completing the technical core and General Education requirements, students will be eligible to take the exam for MSSC Production Technician Certification. Graduates of the Engineering Technology Program can transfer to universities offering the B.S. degree in Engineering Technology.

Technical Core (18 Credit Hours)

- EET1084C Introduction to Electronics#* 3
- ETD1320C Introduction to CAD# 3
- ETI1701 Industrial Safety# 3
- ETI2110 Intro. to Quality Assurance# 3
- ETI1420 Manufacturing Processes# 3
- ETI2001C Applied Mechanics#* 3

Select A Specialization Area

Alternate Energy Option (27 hours)

The purpose of this track is to prepare students to meet industry-specific educational needs for technicians in new and emerging alternative and renewable energy fields, including, but not limited to, occupational titles such as Electrical Engineering Technician, Industrial Engineering Technician, Solar Photovoltaic Installer and Solar Power Plant Technician, Solar Thermal Installer and Technician, Energy Auditor, and Smart Grid Technician. This program also provides supplemental training for persons previously or currently employed in occupations related to energy production and storage, manufacturing and construction.

- ETP1501 Intro. to Energy, Environment, & Society# 3
- ETP1500 Alter. Energy Inventory & Analysis# 3
- ETP1410C Solar Energy# 3
- ETP1510 Biofuels and Biomass# 3
- ETP1550 Altern. Fuels & Elect. Vehicles# 3
- EET2214C LabVIEW Instrumentation# 3
- EET1035C AC/DC Circuits# 3
- ETS2542C Programmable Logic Controllers# 3
- ETS2931 Special Projects in Com. Int. Manu.# 2
- ETI1949 Manufacturing Internship# 1

Advanced Manufacturing Option (27 hours)

This track specializes in automation, robotics, and process control with emphasis on computer-controlled systems for industrial manufacturing, system integration, instrumentation, simulation, and animatronics. The program skills used for careers in manufacturing, theme park industries, military applications, water filtration and purification plants, and much more. Graduates are prepared to work as controls engineers, system integrators, robotic technicians, industrial programmers, process control engineers, field service technicians, simulation technicians, industrial sales engineers, and industrial maintenance technicians.

- ETS2542C Program. Logic Controllers# 3
- ETS2535C Process Control & Instrumentation# 3
- ETS2700C Electro-Hydraulics & Pneumatics# 3
- ETS2606C Robotics# 3
- ETS2511C Motor & Motion Control# 3
- EET1140C Electronic Devices and Circuits# 3
- CET1112C Digital & Computer Circuits# 3
- EET1035C AC/DC Circuits# 3
- ETS2931 Special Proj. in Comp. Integr. Manufac.# 2
- ETI1949 Manufacturing Internship# 1

Digital Manufacturing Option (27 hours)

This track specializes in automation, robotics, and process control with emphasis on computer-controlled systems for industrial manufacturing, system integration, instrumentation, simulation, and animatronics. The program skills used for careers in manufacturing, theme park industries, military applications, water filtration and purification plants, and much more. Graduates are prepared to work as controls engineers, system integrators, robotic technicians, industrial programmers, process control engineers, field service technicians, simulation technicians, industrial sales engineers, and industrial maintenance technicians.

- ETD2383C Intermediate CAD/CAE/CAM#+* 3
- ETD2384C Advanced CAD/CAE/CAM#+* 3
- PMT2250C CNC Programming I# 3
- PMT2254C CNC Programming II# 3
- ETI2460C Composites Fundamentals# 3
- ETI2464C Advanced Composites# 3
- ETD2371C Intro. to 3D Printing# 3
- ETD2372C Advanced Rapid Prototyping# 3
- ETS2931 Special Proj. Comp. Integr. Manufact.# 2
- ETI1949 Manufacturing Internship# 1

Other AS Requirements

- General Education Core Requirement**
Successful completion of at least one dotted core course from each of the five major general education areas: Communications, Humanities, Mathematics, Natural Sciences, Social Sciences
- Civic Literacy Requirement (@)**
Successful completion of AMH 2010 OR AMH 2020 OR POS 2041 AND passing score on civic literacy exam (FCLE)

Key

+ = Prerequisite or co-requisite required

* = Minimum grade of "C" required

@ = Course meets Civic Literacy Requirement

•= General Education Core course

#=Applies to A.S. and Certificate Programs

Hospitality and Tourism Management ASSOCIATE IN SCIENCE(AS) 2025 - 2026

General Education (15 hours)

The Associate in Science degree consists of a minimum of 60 college-level semester hours with at least 15 semester hours of General Education Core courses. The General Education Core courses are chosen for their appropriateness for each degree and represent courses from each of the following disciplines: humanities/fine arts, natural science/mathematics, behavioral science/social science and communications. Consult with your Faculty Advisor if you have any questions.

Communications (3/4 credits)

- ENC1101 English Composition I•+* 3
- ENC1101C Enhanced English Comp. I•+* 4

Humanities (3 credits)

Select one Humanities course

Humanities 1-Visual & Performing Arts

- ARH2000 Understanding Visual Arts• 3
- MUL2010 Understanding Music• 3
- THE2000 Understanding Theater• 3

Humanities 2-Philosophy/Religion

Prerequisite ENC1101 or ENC1101C with grade "C" or higher.

- HUM2020 Introduction to Humanities•+* 3
- PHI2010 Intro. to Philosophy•+* 3

Humanities 3-Literature

Prerequisite ENC1102 with grade "C" or higher.

- LIT2000 Literature and Culture•+* 3

Mathematics (3 credits)

Select one Mathematics Course

- MGF1130 Mathematical Thinking•+* 3
- STA2023 Statistics•+* 3
- MAC1105 College Algebra•+* 3
- MAC2311 Calculus with Geometry I•+* 4

Natural Sciences (3 credits)

Select one Science course

Physical Sciences

- AST1002 Descriptive Astronomy• 3
- CHM1045 General Chemistry•+ 3
- ESC2000 Earth & Space Science Survey• 3
- EVR1001 Intro. to Environmental Science• 3
- GLY1010 Physical Geology• 3
- OCE1001 Fundamentals of Oceanography• 3
- PHY1020 Basic Concepts of Physics• 3
- PHY2048 University Physics I•+ 4
- PHY2053 College Physics I•+ 3

Biological Sciences

- BSC1005 General Biological Science• 3
- BSC2010 Biology for Science Majors I•+ 3
- BSC2085 Anatomy & Physiology I•+ 3

Social Sciences (3 credits)

Select one Social Science Course

History

- AMH2010 United States History I•@ 3
- AMH2020 United States History II•@ 3

Government

- POS2041 American Nat'l Government•@ 3

Student's Name: _____

Student's ID Number: _____

Pathway Navigator: _____ Faculty Advisor: _____

Major Courses (45 hours)

The purpose of this program is to prepare students for immediate employment in an entry level hospitality industry.

- FOS2201 Food Service Sanitation & Safety# 2
- HFT1800 Food and Beverage Management# 3
- HUN1001 Survey of Nutrition# 2
- CGS1570 Microcomputer Applications 3
- HFT1000 Intro. To Hospitality Industry 3
- HFT1600 Hospitality Law# 3
- HFT2451 Cost Control & Purchasing# 3
- HFT1254 Lodging Operations# 3
- HFT1210 Leadership & Managerial Devel.# 3
- HFT2750 Convention Service Mgmt.+# 3
- MAN1300 Intro. Human Resource Mgmt. 3
- HFT2867C Wine Essentials+# 3
- HFT2401 Hospitality Account. & Fina. Analy. 3
- HFT2501 Hospitality Marketing 3
- HFT2949 Hospitality Coop 5

Courses not Used

- _____
- _____
- _____
- _____
- _____
- _____
- _____

Notes

Developmental Courses

- ENC0022 Dev. Writing I & II Combined* 3
- REA0019 Dev. Reading I & II Combined* 3
- MAT0012 Dev. Arithmetic with Algebra* 3

Key

+ = Prerequisite or co-requisite required

* = Minimum grade of "C" required

@ = Course meets Civic Literacy Requirement

•= General Education Core course

#=Applies to A.S. and Certificate Programs

Network Systems Technology

ASSOCIATE IN SCIENCE(AS)

2025 - 2026

General Education (15 hours)

The Associate in Science degree consists of a minimum of 60 college-level semester hours with at least 15 semester hours of General Education Core courses. The General Education Core courses are chosen for their appropriateness for each degree and represent courses from each of the following disciplines: humanities/fine arts, natural science/mathematics, behavioral science/social science and communications. Consult with your Faculty Advisor if you have any questions.

Communications (3/4 credits)

- ENC1101 English Composition I•+* 3
- ENC1101C Enhanced English Comp. I•+* 4

Humanities (3 credits)

Select one Humanities course

Humanities 1-Visual & Performing Arts

- ARH2000 Understanding Visual Arts• 3
- MUL2010 Understanding Music• 3
- THE2000 Understanding Theater• 3

Humanities 2-Philosophy/Religion

Prerequisite ENC1101 or ENC1101C with grade "C" or higher.

- HUM2020 Introduction to Humanities•+* 3
- PHI2010 Intro. to Philosophy•+* 3

Humanities 3-Literature

Prerequisite ENC1102 with grade "C" or higher.

- LIT2000 Literature and Culture•+* 3

Mathematics (3 credits)

- MAC1105 College Algebra•+* 3

Natural Sciences (3 credits)

Select one Science course

Physical Sciences

- AST1002 Descriptive Astronomy• 3
- CHM1045 General Chemistry•+ 3
- ESC2000 Earth & Space Science Survey• 3
- EVR1001 Intro. to Environmental Science• 3
- GLY1010 Physical Geology• 3
- OCE1001 Fundamentals of Oceanography• 3
- PHY1020 Basic Concepts of Physics• 3
- PHY2048 University Physics I•+ 4
- PHY2053 College Physics I•+ 3

Biological Sciences

- BSC1005 General Biological Science• 3
- BSC2010 Biology for Science Majors I•+ 3
- BSC2085 Anatomy & Physiology I•+ 3

Social Sciences (3 credits)

Select one Social Science Course

History

- AMH2010 United States History I•@ 3
- AMH2020 United States History II•@ 3

Government

- POS2041 American Nat'l Government•@ 3

Student's Name: _____

Student's ID Number: _____

Pathway Navigator: _____ Faculty Advisor: **David Lee**

Major Courses (45 hours)

The Associate of Science degree in Network Systems Technology prepares graduates for careers in the Information Technology Career Cluster, including, but not limited to, systems/network/security managers, administrators, technicians, and specialists; ethical hackers/penetration testers/technicians, and customer/technical support personnel.

This program maps courses to industry recognized certification pathways including those offered by CompTIA, Cisco, EC-Council, EMC, VMware, and Microsoft.

Students complete 15 general education and 36 major course hours along with 9 credit hours from one of four concentrations—network administration, or Degree-seeking students also complete one or more college credit certificates as part of their program.

College Credit Certificate embedded in this specialization NESA-CCC, Network Server Administration

- CTS1111 Linux+(plus)* 3
- CTS1120 Security+(plus)+* 3
- CTS1131 A+ Hardware#* 3
- CTS1133 Desktop Oper. Systems (A+ software)* 3
- CTS1650 Network Fundamentals* 3
- CTS1651 Cisco Rout. Tech/Rout. Prot. Conc.+* 3
- CTS2652 Adv. Rout.Tech. (Cisco/CCNA)+* 3
- CTS1390 Install. & Config. Windows Serv.* 3
- CNT1510 Wireless Networking#* 3
- CTS2193 Cloud Essentials#* 3
- CTS2315 Intrusion Detection & Firewalls+* 3
- CGS1103 Project Mgmt. Concepts & Process. 3
- COP1000 Intro. to Programming Logic* 3
- CTS2370 Virtual Infast.: Install. & Config.+* 3
- CTS2941 Network Tech. Services Cap.+# 3

Courses not Used

- _____
- _____
- _____
- _____
- _____
- _____

Notes

- _____
- _____
- _____
- _____
- _____
- _____

Other AS Requirements

General Education Core Requirement

Successful completion of at least one dotted core course from each of the five major general education areas: Communications, Humanities, Mathematics, Natural Sciences, Social Sciences

Civic Literacy Requirement (@)

Successful completion of AMH 2010 OR AMH 2020 OR POS 2041 AND passing score on civic literacy exam (FCLE)

Developmental Courses

- ENC0022 Dev. Writing I & II Combined* 3
- REA0019 Dev. Reading I & II Combined* 3
- MAT0012 Dev. Arithmetic with Algebra* 3

Key

+ = Prerequisite or co-requisite required

* = Minimum grade of "C" required

@ = Course meets Civic Literacy Requirement

•= General Education Core course

#=Applies to A.S. and Certificate Programs

Software & Database Developer

ASSOCIATE IN SCIENCE (AS)

2025 - 2026

Student's Name: _____

Student's ID Number: _____

Pathway Navigator: _____ Faculty Advisor: _____

General Education (15 hours)

The Associate in Science degree consists of a minimum of 60 college-level semester hours with at least 15 semester hours of General Education Core courses. The General Education Core courses are chosen for their appropriateness for each degree and represent courses from each of the following disciplines: humanities/fine arts, natural science/mathematics, behavioral science/social science and communications. Consult with your Faculty Advisor if you have any questions.

Communications (3/4 credits)

<input type="checkbox"/> ENC1101 English Composition I•+*	3
<input type="checkbox"/> ENC1101C Enhanced English Comp. I•+*	4

Humanities (3 credits)

Select one Humanities course

Humanities 1–Visual & Performing Arts

<input type="checkbox"/> ARH2000 Understanding Visual Arts•	3
<input type="checkbox"/> MUL2010 Understanding Music•	3
<input type="checkbox"/> THE2000 Understanding Theater•	3

Humanities 2–Philosophy/Religion

Prerequisite ENC1101 or ENC1101C with grade "C" or higher.

<input type="checkbox"/> HUM2020 Introduction to Humanities•+*	3
<input type="checkbox"/> PHI2010 Intro. to Philosophy•+*	3

Humanities 3–Literature

Prerequisite ENC1102 with grade "C" or higher.

<input type="checkbox"/> LIT2000 Literature and Culture•+*	3
--	---

Mathematics (3 credits)

<input type="checkbox"/> MAC1105 College Algebra•+*	3
---	---

Natural Sciences (3 credits)

Select one Science course

Physical Sciences

<input type="checkbox"/> AST1002 Descriptive Astronomy•	3
<input type="checkbox"/> CHM1045 General Chemistry•+*	3
<input type="checkbox"/> ESC2000 Earth & Space Science Survey•	3
<input type="checkbox"/> EVR1001 Intro. to Environmental Science•	3
<input type="checkbox"/> GLY1010 Physical Geology•	3
<input type="checkbox"/> OCE1001 Fundamentals of Oceanography•	3
<input type="checkbox"/> PHY1020 Basic Concepts of Physics•	3
<input type="checkbox"/> PHY2048 University Physics I•+*	4
<input type="checkbox"/> PHY2053 College Physics I•+*	3

Biological Sciences

<input type="checkbox"/> BSC1005 General Biological Science•	3
<input type="checkbox"/> BSC2010 Biology for Science Majors I•+*	3
<input type="checkbox"/> BSC2085 Anatomy & Physiology I•+*	3

Social Sciences (3 credits)

Select one Social Science Course

History

<input type="checkbox"/> AMH2010 United States History I•@	3
<input type="checkbox"/> AMH2020 United States History II•@	3

Government

<input type="checkbox"/> POS2041 American Nat'l Government•@	3
--	---

Major Courses (45 hours)

Individuals pursuing an Associate in Science degree in the Software and Database Developer program want to begin or advance a career in software/database development. Graduates from this program seek positions as software developers, quality assurance specialists, database specialists and systems analysts. This program focuses on programming logic, in demand programming languages, database programming and design and analysis associated with creating software applications. A strong emphasis is placed on working collaboratively in a team environment, communicating effectively, and cultivating good software development skills.

<input type="checkbox"/> CGS1570 Microcomputer Applications	3
<input type="checkbox"/> COP1000 Intro. to Programming Logic*	3
<input type="checkbox"/> COP2700 Data Structure (SQL)	3
<input type="checkbox"/> CIS2321 System Analysis & Design+	3
<input type="checkbox"/> CGS1103 Project Mgmt. Concepts & Process.	3
<input type="checkbox"/> COP2250 Java Programming I+*	3
<input type="checkbox"/> COP2224 C++ Programming I+*	3
<input type="checkbox"/> COP2840 Internet Programming+	3
<input type="checkbox"/> DIG2100 Web Design I	3
<input type="checkbox"/> CTS1111 Linux+(plus)*	3
<input type="checkbox"/> CTS1650 Network Fundamentals*	3
<input type="checkbox"/> COP2701 Database Design & Mgmt.+*	3
<input type="checkbox"/> CTS1120 Security+(plus)+*	3
<input type="checkbox"/> CEN2212 Intro. to Program. the Internet of Things+	3
<input type="checkbox"/> COP2940 Integrat. Program. & Tech. Capstone+*	3

Courses not Used

<input type="checkbox"/>	_____

Notes

Other AS Requirements

General Education Core Requirement

Successful completion of at least one dotted core course from each of the five major general education areas: Communications, Humanities, Mathematics, Natural Sciences, Social Sciences

Civic Literacy Requirement (@)

Successful completion of AMH 2010 OR AMH 2020 OR POS 2041 AND passing score on civic literacy exam (FCLE)

Developmental Courses

<input type="checkbox"/> ENC0022 Dev. Writing I & II Combined*	3
<input type="checkbox"/> REA0019 Dev. Reading I & II Combined*	3
<input type="checkbox"/> MAT0012 Dev. Arithmetic with Algebra*	3

Key

+ = Prerequisite or co-requisite required

* = Minimum grade of "C" required

@ = Course meets Civic Literacy Requirement

•= General Education Core course

#=Applies to A.S. and Certificate Programs

Unmanned Vehicle Systems Operations

ASSOCIATE IN SCIENCE (AS)

2025 - 2026

Student's Name: _____

Student's ID Number: _____

Pathway Navigator: _____ Faculty Advisor: **Arrash Shakari**

General Education (15 hours)

The Associate in Science degree consists of a minimum of 60 college-level semester hours with at least 15 semester hours of General Education Core courses. The General Education Core courses are chosen for their appropriateness for each degree and represent courses from each of the following disciplines: humanities/fine arts, natural science/mathematics, behavioral science/social science and communications. Consult with your Faculty Advisor if you have any questions.

Communications (3/4 credits)

- ENC1101 English Composition I•+* 3
- ENC1101C Enhanced English Comp. I•+* 4

Humanities (3 credits)

Select one Humanities course

Humanities 1–Visual & Performing Arts

- ARH2000 Understanding Visual Arts• 3
- MUL2010 Understanding Music• 3
- THE2000 Understanding Theater• 3

Humanities 2–Philosophy/Religion

Prerequisite ENC1101 or ENC1101C with grade "C" or higher.

- HUM2020 Introduction to Humanities•+* 3
- PHI2010 Intro. to Philosophy•+* 3

Humanities 3–Literature

Prerequisite ENC1102 with grade "C" or higher.

- LIT2000 Literature and Culture•+* 3

Mathematics (3 credits)

Select one Mathematics Course

- MGF1130 Mathematical Thinking•+* 3
- STA2023 Statistics•+* 3
- MAC1105 College Algebra•+* 3
- MAC2311 Calculus with Geometry I•+* 4

Natural Sciences (3 credits)

Select one Science course

Physical Sciences

- AST1002 Descriptive Astronomy• 3
- CHM1045 General Chemistry•+ 3
- ESC2000 Earth & Space Science Survey• 3
- EVR1001 Intro. to Environmental Science• 3
- GLY1010 Physical Geology• 3
- OCE1001 Fundamentals of Oceanography• 3
- PHY1020 Basic Concepts of Physics• 3
- PHY2048 University Physics I•+ 4
- PHY2053 College Physics I•+ 3

Biological Sciences

- BSC1005 General Biological Science• 3
- BSC2010 Biology for Science Majors I•+ 3
- BSC2085 Anatomy & Physiology I•+ 3

Social Sciences (3 credits)

Select one Social Science Course

History

- AMH2010 United States History I•@ 3
- AMH2020 United States History II•@ 3

Government

- POS2041 American Nat'l Government•@ 3

Major Courses (47 hours)

Notes

The Unmanned Vehicle Systems Associate of Science degree gives graduates the expertise they need for employment as operators, observers, sensor operators, and operations administrators of unmanned vehicle systems. The coursework covers several UAS applications areas, including but not necessarily limited to surveillance and data collection, highly repetitive operations, and autonomous operations. Students also learn about the engineering aspects of these unmanned vehicle systems and the regulations governing their operation.

- CGS1570 Microcomputer Applications 3
- EET1084C Intro. to Electronics# 3
- ASC2560C Unman. Vehic. Syst. Operat. I•#* 3
- ASC2561C Unman. Vehic. Syst. Operat. II•#* 3
- ATT1100C Private Pilot Applications+* 5
- GIS2040C Intro. to Geographic Inform. Syst.* 3
- GIS2030C Fundamentals of Remote Sensing* 3
- COP1000 Intro. to Programming Logic 3
- ETD1320C Introduction to CAD# 3
- ETS2606C Robotics# 3
- MTE1811C Intro. To Seamanship 3
- DSC2250 Unman. Veh. Fund. Disast. Mgt.+#* 3
- COP2700 Data Structure (SQL) 3
- ASC2564 Unman. Veh. Systems Security#* 3
- ASC2949 Unman. Systems Practicum+* 3

Courses not Used

- _____
- _____
- _____
- _____
- _____
- _____
- _____
- _____
- _____
- _____

Other AS Requirements

- General Education Core Requirement**
Successful completion of at least one dotted core course from each of the five major general education areas: Communications, Humanities, Mathematics, Natural Sciences, Social Sciences
- Civic Literacy Requirement (@)**
Successful completion of AMH 2010 OR AMH 2020 OR POS 2041 **AND passing score on civic literacy exam (FCLE)**

Key

+ = Prerequisite or co-requisite required

* = Minimum grade of "C" required

@ = Course meets Civic Literacy Requirement

•= General Education Core course

#=Applies to A.S. and Certificate Programs

BUSINESS, INDUSTRY, TECHNOLOGY, & MANUFACTURING PATHWAY



- Accounting Applications
- Alternative Energy Systems Specialist
- Business Specialist
- Chef's Apprentice
- CNC Machinist
- Composite Fabrication and Testing
- Culinary Arts
- Digital Media/Multimedia Production
- Digital Media/Multimedia Video Production
- Digital Media/Multimedia Web Production
- Engineering Technology Support Specialist
- Network Server Administration
- Rapid Prototyping Specialist
- Unmanned Vehicle Systems Operations



Accounting Applications Certificate College Certificate (CT) 2025 - 2026

Student's Name: _____

Student's ID Number: _____

Pathway Navigator: _____ Faculty Advisor: *Tracy Sewell*

Major Courses (27 hours)

The purpose of this program is to prepare students with an opportunity to enter the accounting field.

<input type="checkbox"/> ENC1101 English Composition I+*	3
<input type="checkbox"/> CGS1570 Microcomputer Applications	3
<input type="checkbox"/> MAN2160 Foundations of Leadership	3
<input type="checkbox"/> ACG2001 Financial Accounting I*	3
<input type="checkbox"/> ACG2011 Financial Accounting II+*	3
<input type="checkbox"/> ACG2071 Managerial Accounting+*	3
<input type="checkbox"/> CGS2518 Spreadsheets for Bus. Environ.+	3
<input type="checkbox"/> ACG2450 Intro. to Accounting Software+*	3
<input type="checkbox"/> TAX1000 Principles of Taxation I#	3

Notes

Developmental Courses

<input type="checkbox"/> ENC0022 Dev. Writing I & II Combined*	3
<input type="checkbox"/> REA0019 Dev. Reading I & II Combined*	3
<input type="checkbox"/> MAT0012 Dev. Arithmetic with Algebra*	3

Key

- + = Prerequisite or co-requisite required
- * = Minimum grade of "C" required
- @ = Course meets Civic Literacy Requirement
- = General Education Core course
- #=Applies to A.S. and Certificate Programs

Alternative Energy Systems Specialist

College Credit Certificate (CCC)

2025 - 2026

Student's Name: _____

Student's ID Number: _____

Pathway Navigator: _____ Faculty Advisor: _____

Major Courses (18 hours)

This certificate program will prepare students to meet the industry-specific skills needed for technicians in the new and emerging alternative and renewable energy fields, including occupational titles such as electrical technician, industrial engineering technician, solar photovoltaic installer and solar power plant technician, solar thermal installer and technician, energy auditor and smart grid technician. This program also provides supplemental training for persons previously or currently employed in occupations related to energy production, distribution, and storage.

- EET1084C Introduction to Electronics#* 3
- ETP1501 Intro. to Energy, Environment, Society# 3
- ETP1500 Alter. Energy Inventory & Analysis# 3
- EET1035C AC/DC Circuits+#+ 3
- ETP1410C Solar Energy# 3
- ETP1550 Altern. Fuels & Elect. Vehicles+#+ 3

Notes

Developmental Courses

<input type="checkbox"/> ENC0022 Dev. Writing I & II Combined*	3
<input type="checkbox"/> REA0019 Dev. Reading I & II Combined*	3
<input type="checkbox"/> MAT0012 Dev. Arithmetic with Algebra*	3

Key

- + = Prerequisite or co-requisite required
- * = Minimum grade of "C" required
- @ = Course meets Civic Literacy Requirement
- = General Education Core course
- #=Applies to A.S. and Certificate Programs

**Business Specialist
College Certificate
College Credit Certificate (CCC)
2025 - 2026**

Student's Name: _____

Student's ID Number: _____

Pathway Navigator: _____ Faculty Advisor: **Kim Allan**

Major Courses (12 hours)

The purpose of this program is to prepare students for an entry level position in a business setting. Students will gain technical knowledge and skills to prepare for further education and careers in the Business Administration and Management career cluster.

<input type="checkbox"/> CGS1570 Microcomputer Applications	3	_____
<input type="checkbox"/> MAN1300 Intro. Human Resource Mgmt.	3	_____
<input type="checkbox"/> ACG2001 Financial Accounting I*	3	_____
<input type="checkbox"/> MAN2021 Principles of Management	3	_____

Notes

Developmental Courses

<input type="checkbox"/> ENC0022 Dev. Writing I & II Combined*	3	_____
<input type="checkbox"/> REA0019 Dev. Reading I & II Combined*	3	_____
<input type="checkbox"/> MAT0012 Dev. Arithmetic with Algebra*	3	_____

Key

+ = Prerequisite or co-requisite required
* = Minimum grade of "C" required
@ = Course meets Civic Literacy Requirement
● = General Education Core course
#=Applies to A.S. and Certificate Programs

Chef's Apprentice

College Credit Certificate (CCC)

2025 - 2026

Student's Name: _____

Student's ID Number: _____

Pathway Navigator: _____ **Faculty Advisor:** _____

Major Courses (12 hours)

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Hospitality and Tourism career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Hospitality and Tourism career cluster. The content includes but is not limited to sanitation and safety; maintenance and operation of equipment; recognition and identification of foods; proper storage of foods; methods of preparation; usage of foods; methods of cooking; communication skills; math skills; computer applications; professionalism; culinary organization; and food and beverage purchasing.

- FOS2201 Food Service Sanitation & Safety# 2
- FSS1202C Basic Food Preparation+#+ 4
- FSS1063C Food Specialties - Baking+#+ 3
- FSS1105 Food Purchasing# 3

Notes

Developmental Courses

<input type="checkbox"/> ENC0022 Dev. Writing I & II Combined*	3
<input type="checkbox"/> REA0019 Dev. Reading I & II Combined*	3
<input type="checkbox"/> MAT0012 Dev. Arithmetic with Algebra*	3

Key

- + = Prerequisite or co-requisite required
- * = Minimum grade of "C" required
- @ = Course meets Civic Literacy Requirement
- = General Education Core course
- #=Applies to A.S. and Certificate Programs

CNC Machinist
College Credit Certificate (CCC)
2025 - 2026

Student's Name: _____

Student's ID Number: _____

Pathway Navigator: _____ Faculty Advisor: _____

Major Courses (12 hours)

The CNC machinist certificate reflects the culmination of those learned skills and proficiencies that allow a student to set-up and operate CNC machinery and turning centers at the entry level. The core courses provide training on a MAAS Mill, a Haas Lathe, and on machine shop operations. Complete the requirements for this certificate to get a head start in the field as a CNC machinist. There are many employment opportunities in the local and regional area in this field of study.

Notes

<input type="checkbox"/> ETD1320C Introduction to CAD#	3	_____
<input type="checkbox"/> ETD2838C Intermediate CAD/CAE/CAM#+*	3	_____
<input type="checkbox"/> PMT2250C CNC Programming I#	3	_____
<input type="checkbox"/> PMT2254C CNC Programming II+*	3	_____

Developmental Courses

<input type="checkbox"/> ENC0022 Dev. Writing I & II Combined*	3	_____
<input type="checkbox"/> REA0019 Dev. Reading I & II Combined*	3	_____
<input type="checkbox"/> MAT0012 Dev. Arithmetic with Algebra*	3	_____

Key

+ = Prerequisite or co-requisite required
* = Minimum grade of "C" required
@ = Course meets Civic Literacy Requirement
● = General Education Core course
#=Applies to A.S. and Certificate Programs

Composite Fabrication and Testing

College Credit Certificate (CCC)

2025 - 2026

Student's Name: _____

Student's ID Number: _____

Pathway Navigator: _____ Faculty Advisor: _____

Major Courses (19 hours)

In this certificate program students will develop an understanding of applied mathematics, semi-precision and precision measurement, safety, blueprint reading, materials and processes, fabrication and assembly knowledge, and skills related to advanced composites such as safety, matrices, fiber, basic design, layup methods, core materials, tooling, and bonding, and fastening.

Notes

- ETI1701 Industrial Safety# 3
- ETI2110 Intro. to Quality Assurance 3
- ETI1420 Manufacturing Processes# 3
- ETI2001C Applied Mechanics## 3
- ETI2460C Composites Fundamentals# 3
- ETI2464C Advanced Composites+## 3
- ETI1949 Manufacturing Internship 1

Developmental Courses

- ENC0022 Dev. Writing I & II Combined* 3
- REA0019 Dev. Reading I & II Combined* 3
- MAT0012 Dev. Arithmetic with Algebra* 3

Key

- + = Prerequisite or co-requisite required
- * = Minimum grade of "C" required
- @ = Course meets Civic Literacy Requirement
- = General Education Core course
- #=Applies to A.S. and Certificate Programs

Culinary Arts
College Credit Certificate (CCC)
2025 - 2026

Student's Name: _____

Student's ID Number: _____

Pathway Navigator: _____ Faculty Advisor: _____

Major Courses (35 hours)

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Hospitality and Tourism career cluster; provides technical skill proficiency, and includes competency based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Hospitality and Tourism career cluster. This program prepares students for employment in commercial and institutional positions such as bakers, pantry cooks, prep cooks, and lead cooks in the culinary industry and/or provides supplemental training for persons previously or currently employed in these occupations.

Notes

<input type="checkbox"/> FOS2201 Food Service Sanitation & Safety#	2	_____
<input type="checkbox"/> HUN1001 Survey of Nutrition#	2	_____
<input type="checkbox"/> FSS1202C Basic Food Preparation+#+	4	_____
<input type="checkbox"/> FSS1063C Food Specialties - Baking+#+	3	_____
<input type="checkbox"/> HFT1000 Intro. To Hospitality Industry	3	_____
<input type="checkbox"/> FSS2065L Food Spec. - Pastry+#+	3	_____
<input type="checkbox"/> FSS1105 Food Purchasing#	3	_____
<input type="checkbox"/> FSS1222C Kitchen Management+#+	3	_____
<input type="checkbox"/> HFT1265C Restaurant Management+#+	3	_____
<input type="checkbox"/> FSS1248L Food Spec. - Garde Manager I+#+	3	_____
<input type="checkbox"/> FSS2240L Food Spec. - World Cuisines+#+	3	_____
<input type="checkbox"/> HFT2264C Banquet & Convention Mgmt.+#+	3	_____

Developmental Courses

<input type="checkbox"/> ENC0022 Dev. Writing I & II Combined*	3	_____
<input type="checkbox"/> REA0019 Dev. Reading I & II Combined*	3	_____
<input type="checkbox"/> MAT0012 Dev. Arithmetic with Algebra*	3	_____

Key

- + = Prerequisite or co-requisite required
- * = Minimum grade of "C" required
- @ = Course meets Civic Literacy Requirement
- = General Education Core course
- #=Applies to A.S. and Certificate Programs

Digital Media Multimedia Production College Credit Certificate (CCC) 2025 - 2026

Student's Name: _____

Student's ID Number: _____

Pathway Navigator: _____ Faculty Advisor: *Caleb Jordan*

Major Courses (15 hours)

The purpose of this program is to prepare students for initial employment as a digital media/multimedia production technician, digital media/multimedia developer, or to provide supplemental training for persons previously or currently employed in these or related occupations. Graduates of this certificate program could potentially obtain entry positions as a graphic artist technician, animation/gaming/simulation technician, digital video production technician, or Web design technician. All courses in this program can be used in pursuit of the college's Digital Media Associate in Science degree.

<input type="checkbox"/> DIG2100 Web Design I	3
<input type="checkbox"/> GRA2156 Comp. Graphics Digital Designers I	3
<input type="checkbox"/> DIG2431 Digital Storytelling	3
<input type="checkbox"/> DIG2257 Radio Production Sound Recording	3
<input type="checkbox"/> DIG2822 Electronic Journalism	3

Developmental Courses

<input type="checkbox"/> ENC0022 Dev. Writing I & II Combined*	3
<input type="checkbox"/> REA0019 Dev. Reading I & II Combined*	3
<input type="checkbox"/> MAT0012 Dev. Arithmetic with Algebra*	3

Key

- + = Prerequisite or co-requisite required
- * = Minimum grade of "C" required
- @ = Course meets Civic Literacy Requirement
- = General Education Core course
- #=Applies to A.S. and Certificate Programs

Digital Media Multimedia Video Production

College Credit Certificate (CCC) Pathway Navigator: _____ **Faculty Advisor:** *Caleb Jordan*
2025 - 2026

Major Courses (12 hours)

The purpose of this program is to prepare students for initial employment as a videographer, video editor, or to provide supplemental training for persons previously or currently employed in these occupations. The content should include, but not be limited to design and generation of video and/or animations and the production of digital media/multimedia projects. This certificate program is part of the Digital Media/Multimedia Technology AS degree program. This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Arts A/V Technology and Communication career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Arts A/V Technology and Communication career cluster.

<input type="checkbox"/> DIG2430 Digital Story Development	3
<input type="checkbox"/> DIG2200 Digital Video Fundamentals	3
<input type="checkbox"/> DIG2290 Studio Production & Direction	3
<input type="checkbox"/> DIG2205 Digital Post Production	3

Notes

Developmental Courses

<input type="checkbox"/> ENC0022 Dev. Writing I & II Combined*	3
<input type="checkbox"/> REA0019 Dev. Reading I & II Combined*	3
<input type="checkbox"/> MAT0012 Dev. Arithmetic with Algebra*	3

Key

- + = Prerequisite or co-requisite required
- * = Minimum grade of "C" required
- @ = Course meets Civic Literacy Requirement
- = General Education Core course
- #=Applies to A.S. and Certificate Programs

Digital Media Multimedia Web Production College Credit Certificate (C.C.C.) 2025 - 2026

Student's Name: _____

Student's ID Number: _____

Pathway Navigator: _____ Faculty Advisor: *Caleb Jordan*

Major Courses (15 hours)

The purpose of this program is to prepare students for initial employment as web designers, web production assistants, web production artists, or to provide supplemental training for persons currently employed in the web design industry. The students will gain hands on experience in analysis of end-user needs, use of digital media/multimedia computer applications and the design and production of digital media/multimedia projects, including manipulation of video, animations, and audio. All courses in this program can be used in pursuit of the college's Associate in Science degree in Digital Media.

Notes

<input type="checkbox"/> DIG2100 Web Design I	3
<input type="checkbox"/> COP2840 Internet Programming+	3
<input type="checkbox"/> GRA2156 Comp. Graphics Digital Designers I	3
<input type="checkbox"/> COP2700 Data Structure (SQL)	3
<input type="checkbox"/> COP1000 Intro. to Programming Logic	3

Developmental Courses

<input type="checkbox"/> ENC0022 Dev. Writing I & II Combined*	3
<input type="checkbox"/> REA0019 Dev. Reading I & II Combined*	3
<input type="checkbox"/> MAT0012 Dev. Arithmetic with Algebra*	3

Key

- + = Prerequisite or co-requisite required
- * = Minimum grade of "C" required
- @ = Course meets Civic Literacy Requirement
- = General Education Core course
- #=Applies to A.S. and Certificate Programs

**Engineering Technology
Support Specialist
College Credit Certificate (CCC)
2025 - 2026**

Student's Name: _____

Student's ID Number: _____

Pathway Navigator: _____ Faculty Advisor: _____

Major Courses (18 hours)

This certificate prepares students for entry level technical jobs in high tech production, manufacturing, distribution and engineering research and development facilities. [It is aligned with the MSSC (Manufacturing Skill Standards Council) Certified Production Technician (CPT) certification.]

Notes

<input type="checkbox"/> EET1084C Introduction to Electronics#*	3
<input type="checkbox"/> ETD1320C Introduction to CAD#	3
<input type="checkbox"/> ETI1701 Industrial Safety#	3
<input type="checkbox"/> ETI2110 Intro. to Quality Assistance#	3
<input type="checkbox"/> ETI1420 Manufacturing Process#	3
<input type="checkbox"/> ETI2001C Applied Mechanics#*	3

Developmental Courses

<input type="checkbox"/> ENC0022 Dev. Writing I & II Combined*	3
<input type="checkbox"/> REA0019 Dev. Reading I & II Combined*	3
<input type="checkbox"/> MAT0012 Dev. Arithmetic with Algebra*	3

Key

+ = Prerequisite or co-requisite required
* = Minimum grade of "C" required
@ = Course meets Civic Literacy Requirement
● = General Education Core course
#=Applies to A.S. and Certificate Programs

Network Server Administration

College Credit Certificate (CCC)

2025 - 2026

Student's Name: _____

Student's ID Number: _____

Pathway Navigator: _____ Faculty Advisor: *David Lee*

Major Courses (24 hours)

Notes

The Network Server Administration certificate prepares students for careers in the Information Technology Career Cluster as network support technicians/administrators.

- CTS1111 Linux+(plus)* 3
- CTS1650 Network Fundamentals* 3
- CTS1390 Install. & Config. Windows Serv.* 3
- CTS1131 A+ Hardware#* 3
- CTS1133 Desktop Oper. Systems (A+ software)* 3
- CNT1510 Wireless Networking #* 3
- CTS1120 Security+(plus)+* 3
- CTS1651 Cisco Rout. Tech/Rout. Prot. Conc.+* 3

Developmental Courses

<input type="checkbox"/> ENC0022 Dev. Writing I & II Combined*	3
<input type="checkbox"/> REA0019 Dev. Reading I & II Combined*	3
<input type="checkbox"/> MAT0012 Dev. Arithmetic with Algebra*	3

Key

- + = Prerequisite or co-requisite required
- * = Minimum grade of "C" required
- @ = Course meets Civic Literacy Requirement
- = General Education Core course
- #=Applies to A.S. and Certificate Programs

**Rapid Prototyping
Specialist
College Credit Certificate (CCC)
2025 - 2026**

Student's Name: _____

Student's ID Number: _____

Pathway Navigator: _____ Faculty Advisor: _____

Major Courses (12 hours)

This certificate prepares students for initial employment with an occupational title as rapid prototyping, digital manufacturing specialist, industrial designers, product designers, or mechanical drafters, technicians, or detailers in various specialized areas of industry that use digital design and modeling and rapid prototyping, direct digital manufacturing or to provide supplemental training for persons previously or currently employed in these occupations.

Notes

<input type="checkbox"/> ETD1320C Introduction to CAD#*	3
<input type="checkbox"/> ETD2838C Intermediate CAD/CAE/CAM#+*	3
<input type="checkbox"/> ETD2371C Intro. to 3D Printing+#+	3
<input type="checkbox"/> ETD2372C Advanced Rapid Prototyping#+	3

Developmental Courses

<input type="checkbox"/> ENC0022 Dev. Writing I & II Combined*	3
<input type="checkbox"/> REA0019 Dev. Reading I & II Combined*	3
<input type="checkbox"/> MAT0012 Dev. Arithmetic with Algebra*	3

Key

- + = Prerequisite or co-requisite required
- * = Minimum grade of "C" required
- @ = Course meets Civic Literacy Requirement
- = General Education Core course
- #=Applies to A.S. and Certificate Programs

Unmanned Vehicle Systems Operations College Credit Certificate (CCC) 2025- 20256

Student's Name: _____

Student's ID Number: _____

Pathway Navigator: _____

Faculty Advisor: *Arrash Shakari*

Major Courses (24 hours)

The purpose of this program is to prepare students for entry-level positions as an Unmanned Vehicle System Operator. Over the course of the program, students will learn the basic operating principles of Unmanned Aircraft Systems, Unmanned Underwater Vehicles, Unmanned Surface Vehicles, and Unmanned Ground Vehicles. Additionally, students will learn supporting skill sets that prepare students to perform system maintenance, data management, and security activities within industry. This program is ideal for students to upskill with a pre-existing educational or professional background, but is also suitable for those desiring a smaller educational footprint to enter the career field.

Notes

- ATT1100C Private Pilot Applications+*
- ASC2560C Unmanned Vehicle Systems Operations I+##* 3
- ASC2561C Unmanned Vehicle Systems Operations II+##* 3
- ASC2564 Unmanned Vehicle Systems Security#* 3
- ASC2949 Unmanned Systems Practicum+* 3
- GIS2040C Introduction to Geographic Information Systems* 3
- GIS2030C Fundamentals of Remote Sensing* 3
- EET1084C Introduction to Electronics# 3

Developmental Courses

<input type="checkbox"/> ENC0022 Dev. Writing I & II Combined*	3
<input type="checkbox"/> REA0019 Dev. Reading I & II Combined*	3
<input type="checkbox"/> MAT0012 Dev. Arithmetic with Algebra*	3

Key

+ = Prerequisite or co-requisite required

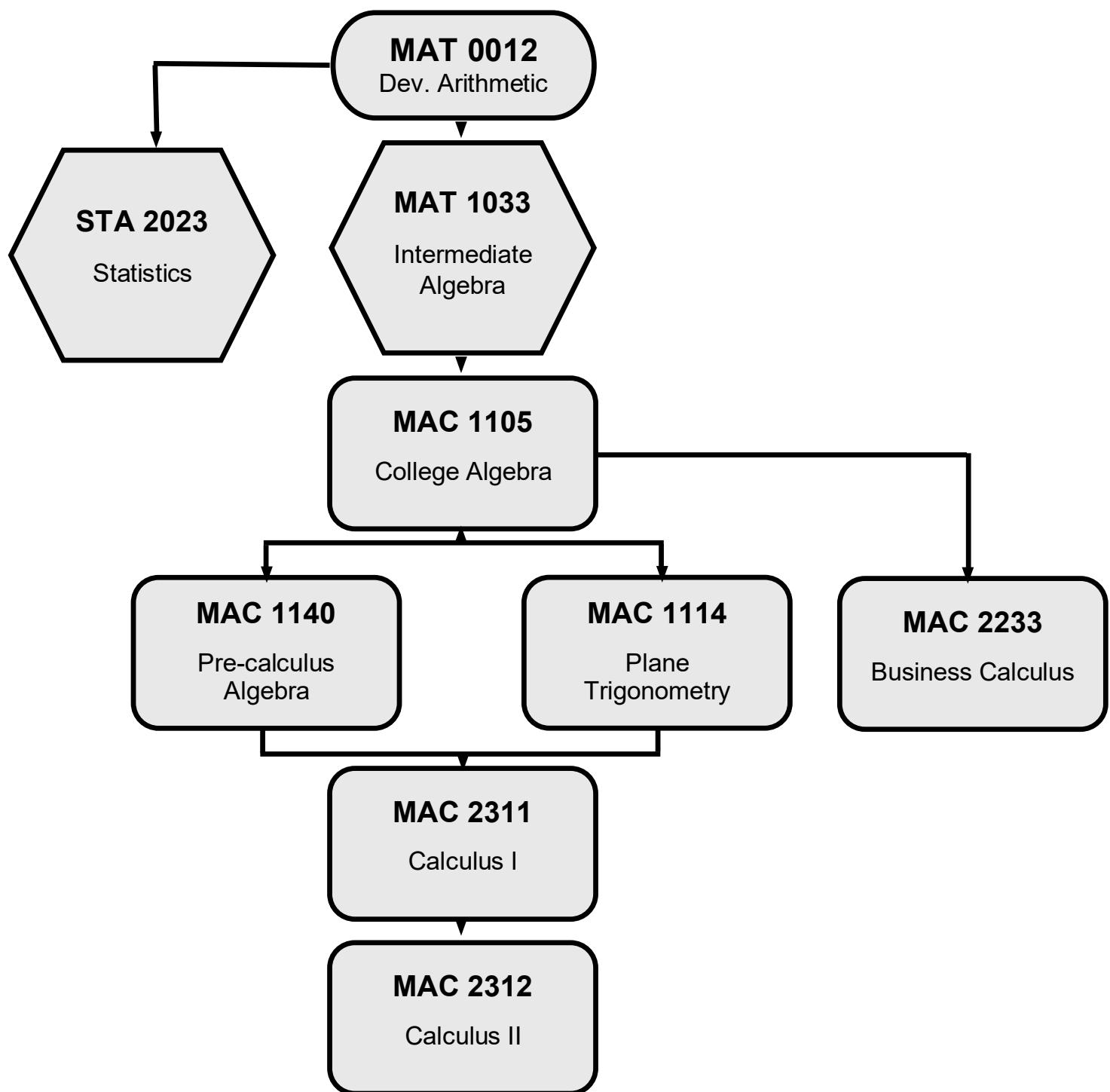
* = Minimum grade of "C" required

⑧ = Course meets Civic Literacy Requirement

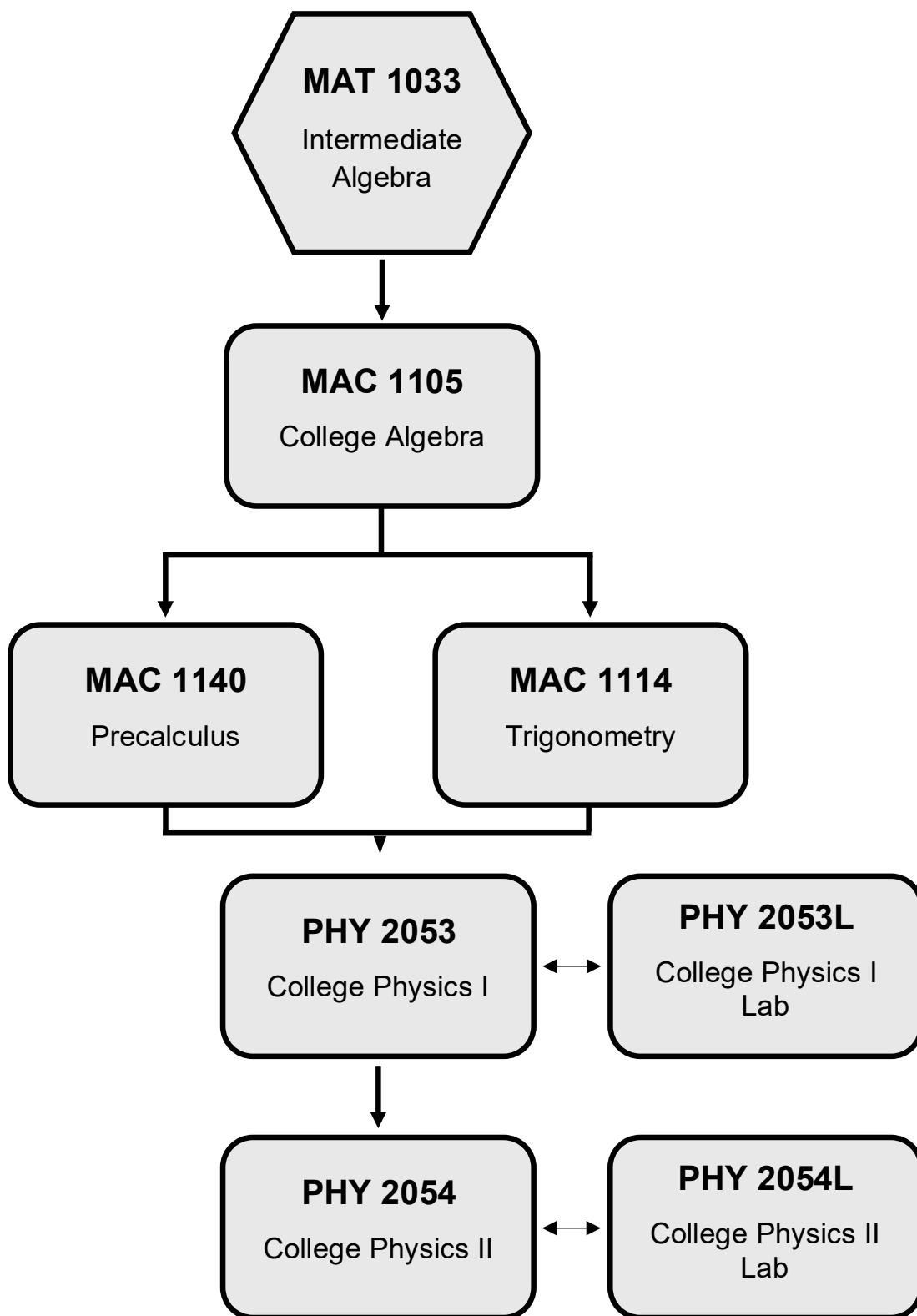
•= General Education Core course

#=Applies to A.S. and Certificate Programs

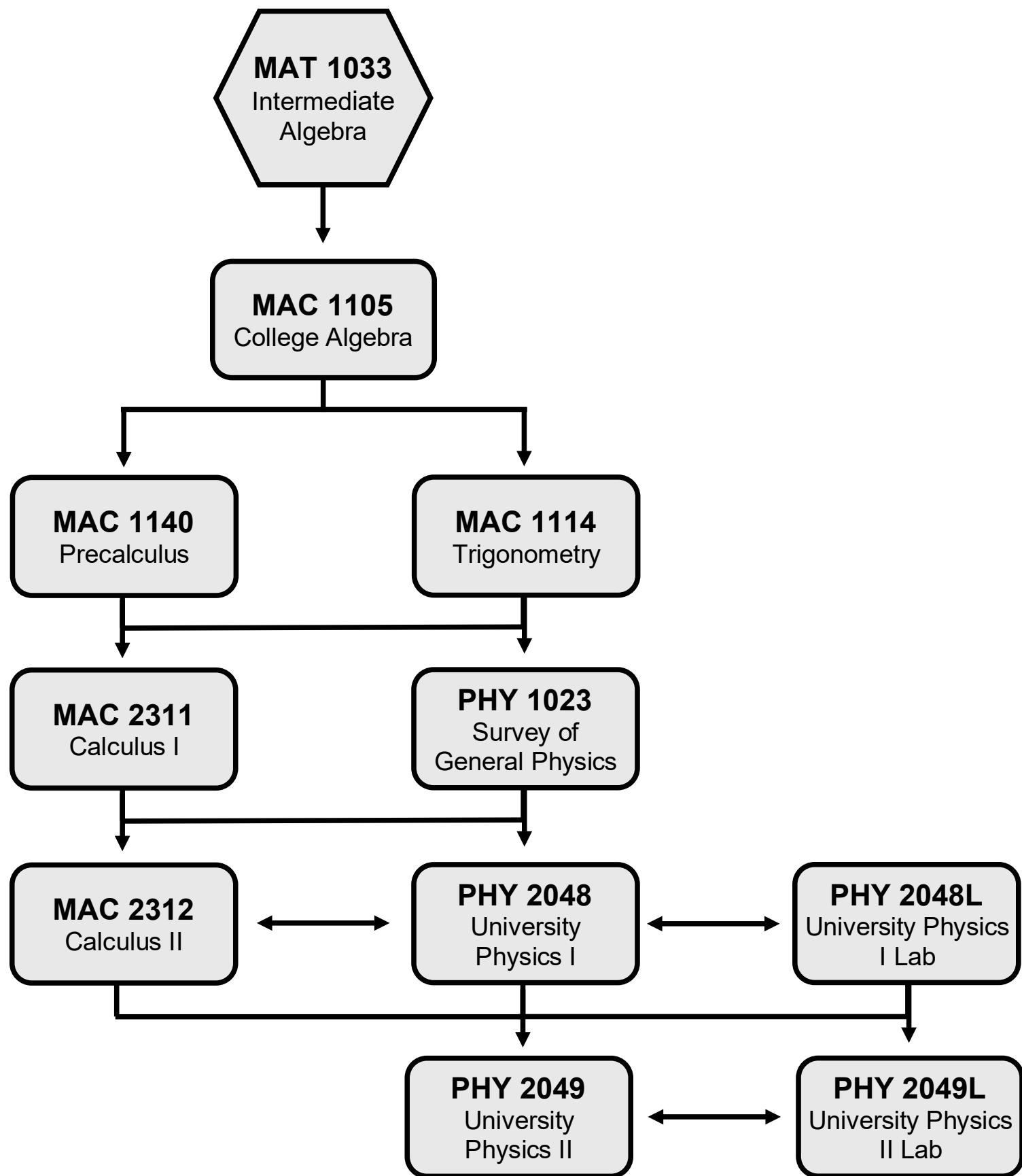
BITM Mathematics Flowchart



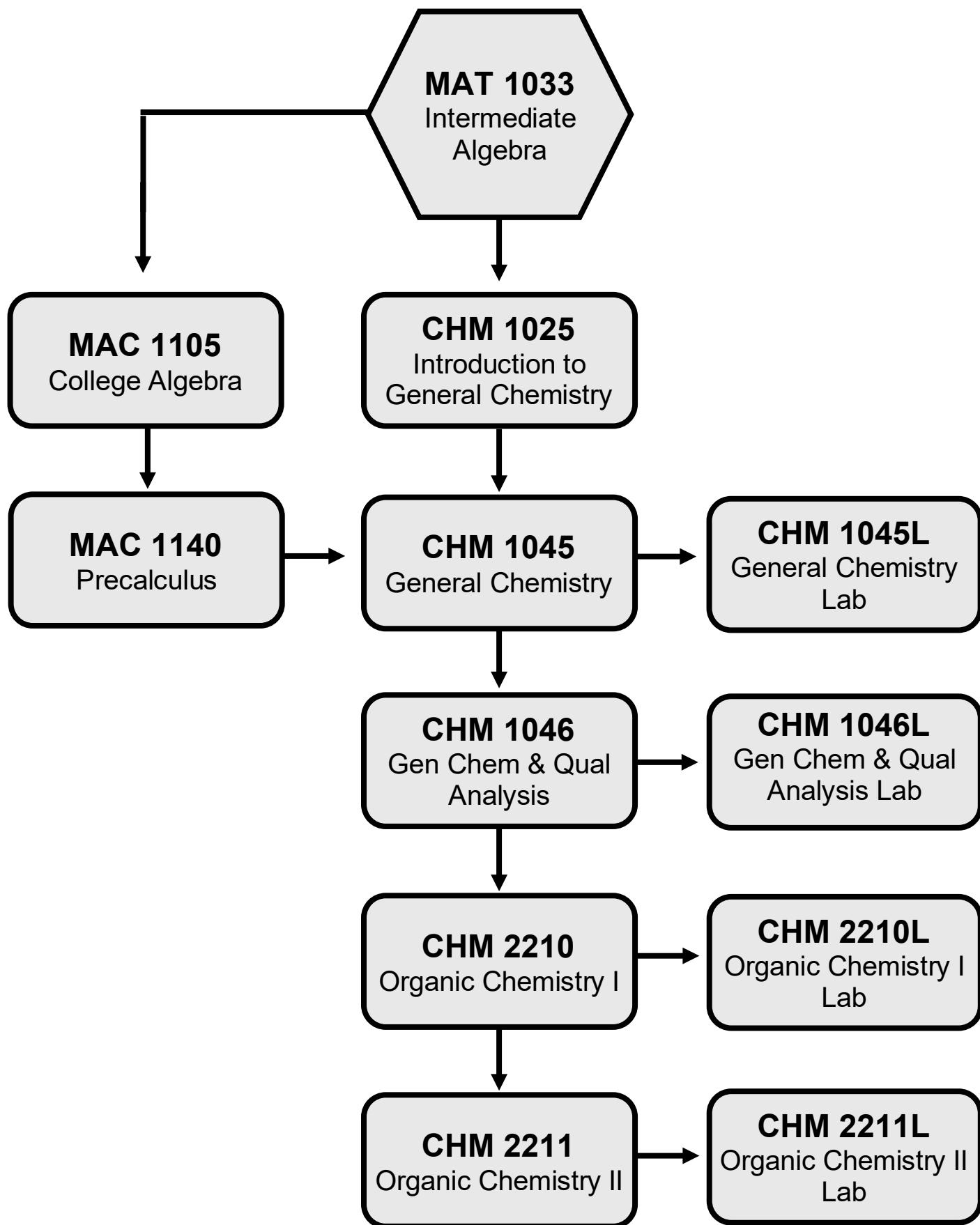
College Physics Flowchart



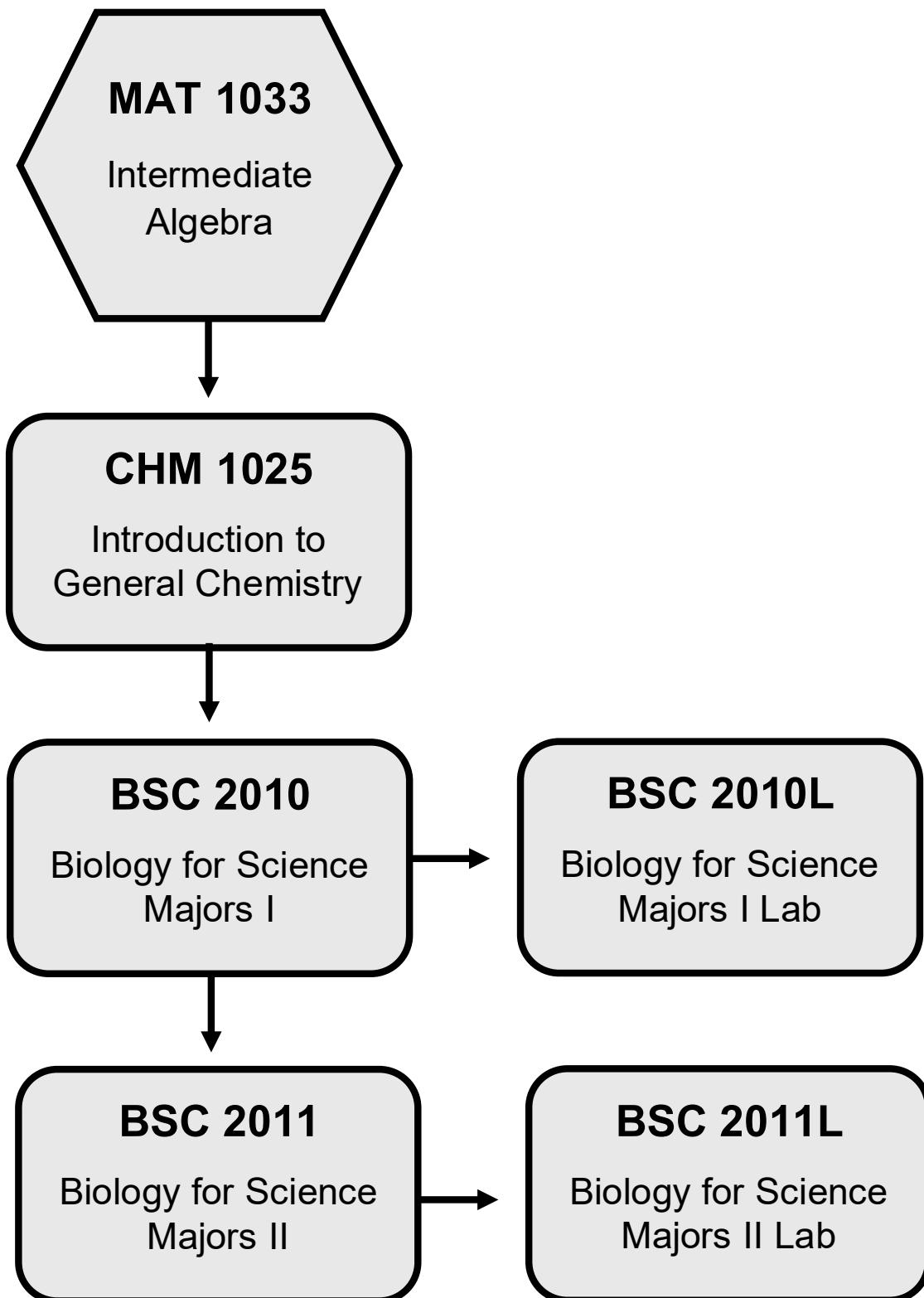
University Physics Flowchart



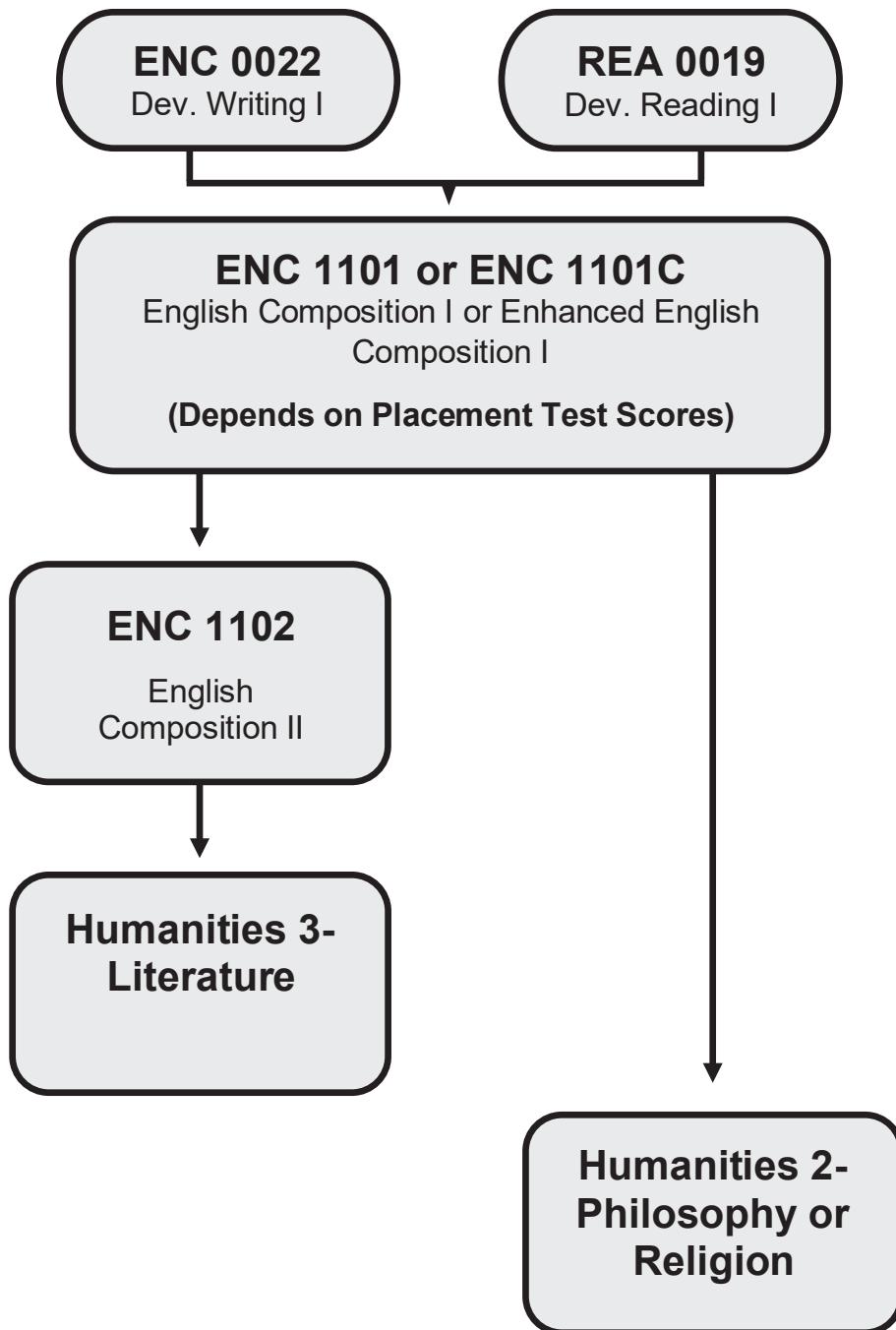
General Chemistry Flowchart



Biology Flowchart



English and Humanities Flowchart



- ENC022 and REA0019 are developmental courses
- Students must earn a grade of C or higher to pass and progress to the next level course
- We recommend that students take literature before philosophy or religion
- Philosophy/religion courses might use APA, Chicago, Turabian, or another writing style
- ENC1101, ENC 1101C, ENC 1102, and all literature courses use MLA

STUDENT RESOURCES

ACADEMIC ADVISING

Is it your first time on campus? Do you need to switch majors or receive academic guidance?

- ✉ advising@gulfcoast.edu
- 📍 Leon Miller Navigation Center, Student Union East, Second Floor
- 📞 850-772-6682

CAMPUS LIFE

Would you like to participate in campus activities that include free food, student government, games, and intramurals?

- 📞 (850) 872-3498
 - Text GCEVENTS to 79516
 - Connect with us on social media
- 📍 Visit Student Union East for the game room, video games, pool table, ping pong table and outdoor area
- Want to join a club? Have a specific interest?*
 - Visit our website to view the many clubs offered, or start your own!
 - 🔗 gulfcoast.edu/campus-life

Want to workout?

- 📍 Visit the weight room and the pool in the Wellness Building
- 🔗 gulfcoast.edu/wellness

CAMPUS SAFETY

Do you have questions about how to remain safe while on campus?

- Sign up for the Gulf Coast Emergency Alert System to stay informed
- 🔗 gulfcoast.edu/alert

COUNSELING CENTER

Do you need personal assistance such as career development or mental health support?

- Contact our Counseling Center
- ✉ counseling@gulfcoast.edu
- 📍 Student Union East, First Floor, Room 36
- ✉ • Connect with our Licensed Mental Health Counselor cboshelle@gulfcoast.edu
- 📍 Student Union West, First Floor, Room 92
- Access online & community resources
- 🔗 gulfcoast.edu/resources
- 🔗 gulfcoast.edu/community
- For career development and guidance, visit our Career Center
- 📍 Student Union East, First Floor in Room 41
- 📞 (850) 769-1551 ext 2829

Are you experiencing financial difficulties not relating to academic expenses?

- Apply for the Need IT Now Emergency Fund
- 🔗 gulfcoast.edu/need-it-now

FINANCIAL AID

Are you in need of financial assistance for school and related expenses?

- Contact our Financial Aid department
- 🔗 gulfcoast.edu/financial-aid
- ✉ FA@gulfcoast.edu
- 📞 (850) 872-3845
- Apply for a scholarship through the Gulf Coast State College Foundation
- 🔗 gcsfoundation.org

TRANSPORTATION

Do you need a free ride to campus?

- Ride for free on the Bay Way trolley with the Dore's on the Move mobile pass.
- Check the website on how to download the Token Transit app.
- (must be enrolled in a minimum of 6 credit hours)
- 🔗 gulfcoast.edu/student-resources
- 🔗 www.baywaytransit.org/

Supporting student success!

GULF COAST STATE COLLEGE

LIFE ESSENTIALS

Could you use essential resources to support your well-being during your academics?

- For nonperishable food, visit our Commodore's Cupboard
 - 📍 Student Union East, First Floor in Room 63
- For professional/job interview attire, visit our Commodore's Closet
 - 📍 Student Union East, First Floor
- For a private place to meditate, visit our Meditation Room
 - 📍 Student Union East, First Floor, Room 41A
- For a private place to pump and store supplies (refrigerator available), visit our Breastfeeding Room
 - 📍 Student Union East, First Floor, Room 41A

- For access to medical care, visit the GCSC PanCare Health Clinic
 - 📍 Rosenwald Building on Panama City campus
 - 📞 (850) 873-3535
 - 🔗 pancarefl.org/location/gulf-coast-state-college-clinic
- For access to dental care, visit the GCSC Dental Clinic
 - 📍 Health Sciences Building on Panama City Campus
 - 📞 (850) 872-3833
 - 🔗 gulfcoast.edu/dental-clinic

STUDENT EMPLOYMENT

Are you interested in employment that works around your school schedule?

🔗 gulfcoast.edu/student-employment

TRIO

Are you interested in seeing if you qualify for TRiO's educational and financial services?

🔗 gulfcoast.edu/trio
(For individuals from disadvantaged backgrounds)
📍 Student Union West, First Floor

TUTORING

Do you need additional support to be successful in your classes?

Visit our Writing and Reading Lab

- 🔗 gulfcoast.edu/writing-reading-lab
- 📍 In person tutoring - Rosenwald Building, Room 108

Visit our Math Lab

- 🔗 gulfcoast.edu/math-lab
- 📍 In person tutoring - Student Union West, Room 261

STUDENT ACCESSIBILITY RESOURCE CENTER

Do you need assistance overcoming environmental and/or educational barriers?

Contact our Student Accessibility Resources Center

- 🔗 gulfcoast.edu/sar
- 📍 Student Union East, First Floor
- ✉️ sar@gulfcoast.edu
- 📞 850-747-3243

VETERAN AFFAIRS

Are you a current or former military member or spouse interested in connecting with specialized resources to support your academics?

Contact the Veteran Affairs department

- 🔗 gulfcoast.edu/military-veterans-services

Updated 6/2025

NOTES



Panama City Campus
850.769.1551

Gulf/Franklin Campus
850.227.9670

North Bay Campus
850.747.3233

Tyndall Education Center
850.913.2910