



2015-2016 Catalog

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Florida Gateway College 149 SE College Place, Lake City, FL 32025 | 386.752.1822

The mission of Florida Gateway College is to provide superior instruction, nurture individual development, and enrich the community through quality higher education programs and lifelong learning opportunities.

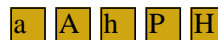
Florida Gateway College is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award the baccalaureate and associate degree. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404.679.4500 for questions about the accreditation of Florida Gateway College. The Commissions is to be contacted only if there is evidence that appears to support an institution's significant non-compliance with a requirement or standard.



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Nursing, B.S.



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Banner Code: BSN

Bachelor of Science

(125 credit hours)

The Bachelor of Science Degree in Nursing (BSN) program is designed for the associate degree nursing graduate who has a current Registered Nursing (RN) license. The mission of the RN-BSN program is to provide registered nurses with a baccalaureate nursing education, which includes community and population-focused care, leadership, management and research learning experiences. BSN graduates will be qualified for supervisory positions such as nurse managers and patient unit coordinators. **(This program is supported by a Department of Labor grant.)**

To be officially considered for admission into this program, a student must:

- Complete and submit to the FGC Office of Admissions a Baccalaureate Admission Application along with all required, supporting documents (see program brochure/application packet for details)
- Complete an RN-BSN program application and submit to FGC Nursing and Health Sciences Department
- Provide a letter of interest describing the reasons for desiring to pursue a BSN degree and your future career goals
- Submit one professional letter of recommendation signed and on company letterhead
- Provide documentation of the following:
 - Copy of a current valid, unrestricted, unencumbered Florida Registered Nurse License which must be current throughout the duration of the program
 - Copy of current American Heart Association (AHA) Basic Support for Health Care Provider Card or Professional Rescuer for American Red Cross (ARC) Card. No other CPR courses will be accepted. AHA CPR-Health Care Provider courses are available through FGC. Other sources may be used to obtain the AHA Health Care Provider or ARC Card. This must be current throughout the duration of the program.
 - A brief resume
 - Copies of unofficial transcripts from all colleges attended (excluding FGC)
 - A grade of "C" or better in all general education requirements.
 - A GPA of 2.5 or higher in all prerequisites earned in ASDN degree.
- Upon acceptance to the BSN program, the following requirements with appropriate documentation must be met to begin the program and current status must be maintained throughout the program:
 - Copy of current health insurance
 - Copy of current malpractice insurance
 - Current PPD or chest x-ray as appropriate
 - Tetanus vaccination within the last ten years

In order to graduate with the BSN degree, students must complete the following BSN program graduation requirements in addition to the Bachelor of Science graduation requirements:

- Fulfill the requirements of the BSN program
- Fulfill the foreign language requirement by completing two credits of the same foreign language in high school or completion of a postsecondary course at the elementary 2 level (meaning the second course in a foreign language sequence) in one foreign language or American Sign Language (ASL), or passing scores on the College Level Examination Program (CLEP) for the elementary 2 level course.
- Complete at least one core course from each of the general education subject areas of communication, humanities, mathematics, natural sciences, and social sciences. General Education core course options are identified in [Rule 6A-14.0303](#).
- Successfully complete all courses required for the program with a "C" or better.

The courses required for the program are listed below.

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Lower Division Nursing Courses: 42 Credit Hours

- Lower level (1000-2999) NUR Courses from ASDN Degree

Prerequisites Earned in ASDN Degree: 30 Credit Hours

These courses were completed as part of the ASDN degree.

- [BSC 2085 - Anatomy and Physiology I](#) 3 credits
- [BSC 2085L - Anatomy and Physiology I Lab](#) 1 credit, 3 Lab hours weekly
- [BSC 2086 - Anatomy and Physiology II](#) 3 credits
- [BSC 2086L - Anatomy and Physiology II Lab](#) 1 credit, 3 Lab hours weekly
- [ENC 1101 - Freshman Composition I](#) 3 credits
- [DEP 2004 - Human Growth and Development](#) 3 credits
- **Any Gen Ed HUM 1000-2999 course 3 credits**
- [HUN 1201 - Human Nutrition](#) 3 credits
- **Any Gen Ed MAC or MGF course 3 credits**
- [MCB 2010 - Microbiology](#) 3 credits
- [MCB 2010L - Microbiology Lab](#) 1 credit, 3 Lab hours weekly
- **Any Gen Ed SPC course 3 credits**

BSN Prerequisites: 13 Credit Hours

Prerequisite courses must be completed before taking any 3000 or 4000 level NUR courses.

- [CHM 2045 - General Chemistry I](#) 3 credits
- [CHM 2045L - General Chemistry I Lab](#) 1 credit, 3 Lab hours weekly
- [STA 2023 - Elementary Statistics](#) 3 credits (*MAT 1033 is a required pre-requisite to this course.)

- [SYG 1000 - Introduction to Sociology](#) 3 credits **or**
- [SYG 1310 - Human Relations](#) 3 credits **or**
- [SYG 1320 - Deviant Behavior](#) 3 credits **or**
- [SYG 2010 - Social Problems](#) 3 credits **or**
- [SYG 2300 - Introduction to Social Psychology](#) 3 credits **or**
- [SYG 2430 - Marriage and the Family](#) 3 credits

- [PSY 2012 - General Psychology I](#) 3 credits

BSN Corequisites: 9 Credit Hours

Corequisite courses may be completed prior to entering the Nursing Program.

- [ENC 1102 - Freshman Composition II](#) 3 credits

- [AMH 2010 - United States History to 1865](#) 3 credits **or**
- [AMH 2020 - United States History from 1865](#) 3 credits **or**
- [WOH 2012 - World History I](#) 3 credits **or**
- [WOH 2022 - World History II](#) 3 credits **or**
- [EUH 2000 - Western Civilizations 1](#) 3 credits **or**
- [EUH 2001 - Western Civilizations II](#) 3 credits

- **Gen Ed Humanities Group 1 or Group 2 course (Individualized per student) 3 credits (*Must take a different humanities group course than the group you completed in your ASDN program.)**

First Semester Core Courses: 6 Credit Hours

- [NUR 3846 - Nursing Theory](#) 3 credits
- [NUR 3125 - Pathophysiology](#) 3 credits

Second Semester Core Courses: 12 Credit Hours

- [NUR 3826 - Ethical and Legal Issues in Health Care](#) 3 credits

- [NUR 4655 - Nursing in Diverse Cultures](#) 3 credits
- [NUR 3145 - Pharmacology](#) 3 credits
- [NUR 3065C - Nursing Assessment with Clinical](#) 3 credits

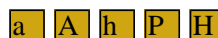
Third Semester Core Courses: 13 Credit Hours

- [NUR 3164 - Nursing Research and Informatics](#) 3 credits
- [NUR 4636C - Community Health](#) 4 credits
- [NUR 4837 - Health Care Policy and Economics](#) 3 credits
- [NUR 4827C - Leadership and Management in Professional Nursing](#) 3 credits

Nursing, B.S. Total 125 Credit Hours

*Semester sequence may vary based on full or part-time status and fall or spring entry.

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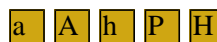
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MEMBER OF





Water Resources Management, B.A.S.



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Banner Code: WRM

Bachelor of Applied Science

(121 credit hours)

The Bachelor of Applied Science Degree (BAS) in Water Resources Management (WRM) is designed to prepare graduates to work in positions in the emerging field of water conservation, resources, and/or policy-making. The Water Resources Management Baccalaureate program is for students who have already received an Associate in Science degree (A.S.) in Environmental Science Technology or an Associate in Arts (A.A.) degree and are interested in pursuing further education. The program meets all requirements set by the state and is fully accredited. Students will graduate with a strong knowledge base of management and political issues related to the field of water resources. This degree may lead to employment in a variety of fields that include water management districts, municipalities, corporations focused on water quality, and environmental agencies and corporations where water might be of primary concern. Water related jobs are considered some of the fastest growing positions of this decade.

Students with an A.S. degree in Environmental Science Technology will transition into the WRM program already possessing foundational knowledge regarding water testing/water quality issues, but will need to complete additional general education requirements to attain the Bachelor's degree. Students with an Associate in Arts (A.A.) degree will need to complete additional coursework focused on foundational principles of water.

To be officially considered for admission into this program, a student must:

- Complete and submit to the FGC Office of Admissions a Baccalaureate Admission Application along with all required, supporting documents. The application can be found at <https://www.fgc.edu/apply-now/>.
- A grade of "C" or better in all general education courses.

In order to graduate with a B.A.S. degree in Water Resources Management, students must complete the following WRM program requirements:

- Fulfill the foreign language requirement by completing two credits of the same foreign language in high school or completion of a postsecondary course at the elementary 2 level (meaning the second course in a foreign language sequence) in one foreign language or American Sign Language (ASL), or passing scores on the College Level Examination Program (CLEP) for the elementary 2 level course.
- Complete at least one core course from each of the general education subject areas of communication, humanities, mathematics, natural sciences, and social sciences. General Education core course options are identified in [Rule 6A-14.0303](#).
- Successfully complete all courses required for the program with a "C" or better.

The courses required for the program are listed below.

Lower-level pre- or co-requisites: 15 Credit Hours

(The following courses can be taken prior to entering or during the WRM program)

- [ACG 2021 - Introduction to Financial Accounting](#) 4 credits
AND the remaining credit hours of any of the following courses, for a total of 15 credit hours:
- [EVR 1001 - Introduction to Environmental Science](#) 3 credits
- [EVR 1001L - Introduction to Environmental Science Lab](#) 1 credit
- [EVS 1026C - Chemistry and Biology of Natural Waters](#) 4 credits
- [EVS 1183 - Introduction to Water Treatment Systems](#) 3 credits
- [EVS 2005 - Treatment of Water and Wastewater](#) 4 credits
- [EVS 2179C - Water Analysis and Monitoring](#) 3 credits

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- [EVS 2893C - Environmental Sampling and Analysis I](#) 5 credits
- [EVS 2894C - Environmental Sampling and Analysis II](#) 5 credits

General Education Requirements: 36 Credit Hours

Communications	9 credits
Mathematics	6 credits
Humanities	6 credits
Social Science	6 credits
Science	6 credits
Science or Social Science	3 credits

Lower-level electives: 28 Credit Hours

- 1000 - 2999 courses

Required WRM Courses: 21 Credit Hours

- [EVR 4035 - Environmental Law](#) 3 credits
- [PAD 4351 - Environmental Policy and Management](#) 3 credits
- [PAD 3034 - Public Administration and Public Policy](#) 3 credits
- [EVR 3373 - Wetland Resources](#) 3 credits
- [EVR 3859 - Environmental Regulation and Compliance](#) 3 credits
- [PAD 4223 - Public Budgeting](#) 3 credits
- [EVR 4949 - Environmental Studies Practicum](#) 3 credits

Water Resources Course Electives: 9 Credit Hours

(May take any combination of the following courses)

- [EVS 3043 - Introduction to Water Resources](#) 3 credits
- [EVS 3113 - Water Technologies](#) 3 credits
- [EVS 3044 - Water Resource with Application in GIS](#) 3 credits
- [EVS 4882 - Environmental Decision Making](#) 3 credits
- [EVS 4813 - Control of Waterborne Diseases](#) 3 credits

Management Course Electives: 9 Credit Hours

(May take any combination of the following courses)

- [EVR 4032 - Environmental Ethics](#) 3 credits
- [MAN 4402 - Human Resources Management Law and Employee Relations](#) 3 credits
- [MNA 3037 - Project Management and Planning](#) 3 credits
- [PAD 4052 - Public Management Practices](#) 3 credits

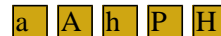
Management or Water Resource Elective: 3 Credit Hours

(May take any of the Management or Water Resources electives listed above **OR** any of the courses below)

- [EVS 4905 - Directed Reading/Directed Independent Study](#) 3 credits
- [EVS 4920 - Colloquiums/Symposiums/Workshops](#) 3 credits

Water Resources Management, B.A.S. Total 121 Credit Hours

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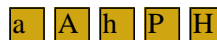
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Associate in Arts Degree



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Banner Code: LIBA

Associate in Arts

(60 credit hours)

A student wishing to transfer to an upper division university should be enrolled in courses leading to the Associate in Arts degree (A.A.). The Associate in Arts (A.A.) degree is the freshman and sophomore years of a four-year bachelor's degree. Florida Gateway College offers a wide range of preprofessional courses designed to prepare students to transfer to upper division universities.

General Education - 36 credits

It is highly recommended that students verify that a course is designated as General Education if choosing a prefix shown below without a specific course number. Courses designated with "GE" and the specific General Education Area in the Course Descriptions section of this catalog are acceptable General Education Courses for that area

1. Communications 9 college credits

Learning Outcome: Communications & Critical Thinking

Statewide Learning Outcome:

- Students will demonstrate the ability to communicate effectively.
- Students will demonstrate the ability to analyze communication critically.

ENC 1101:

English (6,000 words):

- [ENC 1101 - Freshman Composition I](#) 3 credits

and one course from:

Communications Group 2 (6,000 words):

- [ENC 1102 - Freshman Composition II](#) 3 credits
- [CRW 2001 - Creative Writing](#) 3 credits
- Any General Education AML, ENL, or LIT prefixed course (except transfer course LIT x000) 3 credits

and one course from:

Communications Group 3 (3,500 words):

- [SPC 2608 - Public Speaking](#) 3 credits
- Any General Education SPC or ORI prefixed course 3 credits

2. Mathematics 6 college credits

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Learning Outcome: Quantitative Reasoning & Critical Thinking

Statewide Learning Outcome:

- *Students will determine appropriate mathematical and computational models and methods in problem solving, and demonstrate an understanding of mathematical concepts.*
- *Students will apply appropriate mathematical and computational models and methods in problem solving.*

Your first course toward the general education requirement in mathematics depends on your meta-major.

Please refer to the list of meta-majors to determine your placement.

For Business: [MAC 1105 - College Algebra](#) (or higher), or [STA 2023 - Elementary Statistics](#).

For Science, Technology, Engineering, and Mathematics: [MAC 1105 - College Algebra](#) (or higher).

For all other meta-major academic pathways (Arts; Humanities; Communication and Design; Education; Health Sciences; Industry/Manufacturing and Construction; Public Safety; or Social and Behavioral Sciences and Human Services): [MAC 1105 - College Algebra](#) or higher, [MGF 1106 - Mathematics for Liberal Arts I](#), [MGF 1107 - Mathematics for Liberal Arts II](#) or [STA 2023 - Elementary Statistics](#).

One course from:

- Any General Education mathematics course for your meta-major as listed above 3 credits

and one course from:

- Any General Education mathematics course 3 credits

3. Science 6 college credits

Learning Outcome: Scientific Reasoning & Critical Thinking

Statewide Learning Outcome:

- *Students will demonstrate the ability to critically examine and evaluate scientific observation, hypothesis, or model construction, and the use of scientific method to explain the natural world.*
- *Students will successfully recognize and comprehend fundamental concepts, principles, and processes about the natural world.*

Note:

Note: At least one course must have a lab component. Science credit may exceed 6 credit hours. If student achieves more than 6 credit hours in science from the approved list, credit hour overage will count as elective credit.

Complete Option 1 or Option 2

Option 1

One course from:

- [BSC 1005 - Biological Principles for NonMajors](#) 3 credits
- [BSC 2010C - General Biology I with Lab](#) 4 credits
- [BSC 2085 - Anatomy and Physiology I](#) 3 credits

and one course from:

- [AST 1002C - Astronomy](#) 4 credits
- [ESC X000 - Intro to Earth Science](#) (not offered at FGC) 3 credits
- [EVR 1001 - Introduction to Environmental Science](#) 3 credits
- [PSC 1341 - Physical Science](#) 3 credits
- Any General Education CHM, GLY or PHY prefixed course 3 credits

Option 2

One course from:

- [AST 1002C - Astronomy](#) 4 credits
- CHM X020 - Chemistry for Liberal Studies (not offered at FGC) 3 credits
- [CHM 2045 - General Chemistry I](#) 3 credits
- [PHY 1020 - Essentials of Physics](#) 3 credits
- [PHY 2053C - General Physics I](#) 4 credits, 6 hours lecture, demonstration, lab
- [PHY 2048C - General Physics with Calculus I](#) 5 credits, 4 hours lecture - demonstration, 3 hour lab
- ESC X000 - Intro to Earth Science (not offered at FGC) 3 credits
- [EVR 1001 - Introduction to Environmental Science](#) 3 credits

and one course from:

- [BOT 2010C - Botany I](#) 4 credits
- [MCB 2010 - Microbiology](#) 3 credits
- [ZOO 2010C - General Zoology](#) 4 credits
- Any General Education BSC prefixed course. ([BSC 2910](#) is not a General Education course.) 3 credits

4. Social Science 9 college credits

Learning Outcome: Information Literacy & Critical Thinking

Statewide Learning Outcome:

- *Students will demonstrate the ability to examine behavioral, social, and cultural issues from a variety of points of view.*
- *Students will demonstrate an understanding of basic social and behavioral science concepts and principles used in the analysis of behavioral, social, and cultural issues, past and present, local and global.*

SLS 1501

- [SLS 1501 - The College Experience](#) 3 credits

and complete Option 1 or Option 2

Option 1

One course from:

Social Science Group 2 (3,500 words):

- [PSY 2012 - General Psychology I](#) 3 credits
- [ECO 2013 - Macroeconomics](#) 3 credits
- [SYG 1000 - Introduction to Sociology](#) 3 credits

and one course from:

Social Science Group 1 (3,500 words):

- [AMH 2010 - United States History to 1865](#) 3 credits
- [AMH 2020 - United States History from 1865](#) 3 credits
- [EUH 2000 - Western Civilizations I](#) 3 credits
- [EUH 2001 - Western Civilizations II](#) 3 credits
- [POS 1041 - American Government](#) 3 credits
- Any General Education ANT or WOH prefixed course 3 credits
- ANT X000 - Intro to Anthropology (not offered at FGC) 3 credits

Option 2

One course from:

Social Science Group 1 (3,500 words):

- [POS 1041 - American Government](#) 3 credits
- [AMH 2020 - United States History from 1865](#) 3 credits

- ANT X000 - Intro to Anthropology (not offered at FGC) 3 credits

and one course from:

Social Science Group 2 (3,500 words):

- [PSY 2012 - General Psychology I](#) 3 credits
- [SYG 1000 - Introduction to Sociology](#) 3 credits
- [SYG 2300 - Introduction to Social Psychology](#) 3 credits
- Any General Education DEP or ECO prefixed course 3 credits

5. Humanities 6 college credits

Learning Outcome: Cultural Awareness & Critical Thinking

Statewide Learning Outcome:

- *Students will demonstrate interpretive ability and cultural literacy.*
- *Students will demonstrate competency in reflecting critically upon the human condition.*

Complete Option 1 or Option 2

Option 1

One course from:

Humanities Group 1 (3,500 words):

- [ARH 1000 - Art Appreciation and Introduction to Visual Arts](#) 3 credits
- [HUM 2020 - Introduction to Humanities](#) 3 credits
- [MUL 1010 - Music Appreciation](#) 3 credits
- [THE 2000 - Theatre Appreciation](#) 3 credits

and one course from:

Humanities Group 2 (3,500 words):

- [HUM 2551 - Philosophy and Religion](#) 3 credits
- Any General Education PHI or REL prefixed course. (PHI 2910 is not a General Education course.)
- LIT X000 - Intro to Literature (not offered at FGC) 3 credits

Option 2

One course from:

Humanities Group 2 (3,500 words):

- [PHI 2010 - Introduction to Philosophy](#) 3 credits
- LIT X000 - Intro to Literature (not offered at FGC) 3 credits

and one course from:

Humanities Group 1 (3,500 words):

- [MUL 1010 - Music Appreciation](#) 3 credits
- [THE 2000 - Theatre Appreciation](#) 3 credits
- Any General Education HUM or MUH prefixed course except HUM 2551.

A course may satisfy only one area of General Education requirements.

Total General Education Credits Required – 36 semester hours

Electives 24 semester hours

Complete 24 credit hours of courses designated as AA transferable. Electives are prerequisites, background, or specialization courses required for junior and senior year work. These must be individually determined based upon the student's transfer goals, transfer institution, etc. It is highly recommended that you contact your academic advisor and Advising Services to get needed information specific to your educational goals. Any General Education credit hours in excess of 36 will be applied as elective credit. Courses designated with an "AATR" in the Course Descriptions section of this catalog are acceptable A.A. elective credits.

GR indicates a Gordon Rule course which has specific writing or math requirements (see [Gordon Rule](#)).

General Education Core Course Requirement

Complete at least one core course from each of the general education subject areas of communication, humanities, mathematics, natural sciences, and social sciences. General Education core course options are identified in [Rule 6A-14.0303](#).

Foreign Language Requirement

Completion of a postsecondary course at the elementary 2 level (meaning the second course in a foreign language sequence) in one foreign language or American Sign Language (ASL) or two credits of the same foreign language in high school, or passing scores on the College Level Examination Program (CLEP) for the elementary 2 level course. A detailed high school transcript showing two earned credits in the same foreign language must be on file in the Registrar's Office. Contact the Registrar's Office to request review of your high school foreign language credit. FGC offers the following foreign language courses:

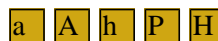
- [ASL 1140 - American Sign Language I](#) 4 credits
- [ASL 1150 - American Sign Language II](#) 4 credits
- [SPN 1120 - Elementary Spanish I](#) 4 credits - 3 lecture hours, 1 lab hour
- [SPN 1121 - Elementary Spanish II](#) 4 credits - 3 lecture hours, 1 lab hour

Computer Competency Requirement

Students in the Associate in Arts degree are required to demonstrate computer competency by passing [SLS 1501](#) with a grade of "C" or higher or satisfactory completion of a college-wide computer competency test.

Associate in Arts A.A. Total 60 Credit Hours

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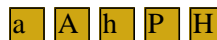
The mission of Florida Gateway College is to provide superior instruction, nurture individual development, and enrich the community through quality higher education programs and lifelong learning opportunities.

Florida Gateway College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award associate degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404.679.4500 for questions about the accreditation of Florida Gateway College.





Early Childhood Education, A.S.



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Banner Code: EECE

Associate in Science

(63 credit hours)

The Associate of Science Degree in Early Childhood Education prepares students for a variety of careers in the area of early childhood. The coursework of this program focuses on the development, care and education of young children. Students may choose from specialization tracks in the following areas: Infant-Toddler, Preschool, Special Needs, School Age and Child Care Center Management.

Graduates may pursue a career as a:

- Child Care Director
- Child Care Teacher
- Infant/Toddler Teacher
- Preschool Teacher
- Assistant Teacher
- Licensing Specialist
- Public School Paraprofessional
- Parent Educator
- Resource and Referral Specialist
- Early Childhood Curriculum Specialist

The opportunities for employment in the field of early childhood education are numerous. Graduates may find employment in Head Start Programs, Early Head Start Programs, private and public prekindergarten programs, the public school system, nonprofit agencies, Department of Children and Families, resource and referral agencies and school readiness coalitions.

To be officially considered for this program a student must:

- have a high school diploma or GED certificate,
- complete application to FGC,
- take a placement exam as prescribed by State Board of Education Rule, and
- interview with the Early Childhood Education Coordinator.

Students at Florida Gateway College develop and set their schedules with the assistance of an advisor. The following is the A.S. Early Childhood Education sequence of courses:

First Year

Fall Semester: 12 Credit Hours

- [ENC 1101 - Freshman Composition I](#) 3 credits **
- [MGF 1106 - Mathematics for Liberal Arts I](#) 3 credits ** or
- [MGF 1107 - Mathematics for Liberal Arts II](#) 3 credits **
- [PSY 2012 - General Psychology I](#) 3 credits **
- [MUL 1010 - Music Appreciation](#) 3 credits ** or

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- [HUM 2551 - Philosophy and Religion](#) 3 credits **

Spring Semester: 13 Credit Hours

- [CHD 1220 - Child Growth and Development I](#) 3 credits **
- [BSC 2010C - General Biology I with Lab](#) 4 credits *
- [EEC 1309C - Early Childhood Education Foundations](#) 3 credits
- [EEC 2300 - Cognitive Experiences for Young Children](#) 3 credits **

Summer Term A: 6 Credit Hours

- [HUN 2410 - Child Nutrition and Health](#) 3 credits **
- [EEC 1600 - Guidance for Young Children](#) 3 credits

Summer Term B: 3 Credit Hours

- [EEC 2401 - Home and Community](#) 3 credits **

Second Year

Fall Semester: 15 Credit Hours

- [EEC 1601 - Observing and Recording Child Behavior](#) 3 credits **
- [EEC 2200 - Language and Literacy in Early Childhood](#) 3 credits
- [EDF 1005 - Introduction to the Teaching Profession](#) 3 credits **
- Elective (CO) 6 credits

Spring Semester: 14 Credit Hours

- [SPC 2608 - Public Speaking](#) 3 credits **
- [EEC 2949C - Internship-Child Development](#) 2 credits
- [EME 2040 - Introduction to Technology for Educators](#) 3 credits **
- Elective 3 credits
- Elective 3 credits

Early Childhood Education A.S. Total 63 Credit Hours

Note(s):

*Staff Credential (formerly known as CDAE) meets requirements for [EEC 1001](#), [EEC 2300](#) and [CHD 1220](#).

**Distance Learning Option Available.

Recommended A.S. Early Childhood Education Electives or any general education transferable elective:

[CHD 1312](#) ** Infants and Toddlers

[EEC 2002](#)** Foundations of Childcare and Education Administration

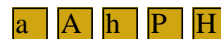
[EEX 2013](#)** Survey of Disabling Conditions in Young Children

[EDF 2085](#)** Introduction to Diversity for Educators

[CHD 1339](#) Learning Through Play

[EEC 1001](#) Introduction to Early Childhood Education

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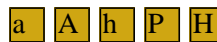
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Graphic Design Production, C.C.C.



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Banner Code: GDPD

College Credit Certificate

(24 credit hours)

The Graphic Design Production Credit Certificate program provides the essential skills and knowledge needed to obtain entry-level jobs in the graphic design industry. All courses are subject specific.

To be officially considered for this program a student must:

- have a high school diploma or GED certificate,
- be 16 years of age or older,
- complete application to FGC,
- take ACT, SAT or college placement test to indicate readiness for college level work in English, reading, and math. Insufficient test scores will require a student to take the appropriate developmental education classes and [The College Experience SLS 1501](#).

The following are the required courses:

Fall Semester: 9 Credit Hours

- [ART 1201C - Design Fundamentals](#) 3 credits (4)
- [GRA 1103C - Graphic Design Basics](#) 3 credits (1,4)
- [GRA 1117C - Introduction to Computer Graphics](#) 3 credits (1,4)

Spring Semester: 9 Credit Hours

- [CGS 1572 - Desktop Publishing & Graphics](#) 3 credits (4)
- [GRA 2151C - Computer Illustration with Illustrator](#) 3 credits (4)
- [PGY 2801C - Digital Photography I](#) 3 credits (4)

Fall Semester: 6 Credit Hours

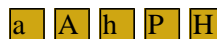
- [GRA 2203C - Digital Prepress](#) 3 credits (4)
- [GRA 1206C - Typography](#) 3 credits (4)

Graphic Design Production Total 24 Credit Hours

(1) Prerequisite courses offered fall semester

(4) Offered this semester only

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Applied Welding Technology, O.C.

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Banner Code: PMTV

Occupational Certificate

(1,170 clock hours) (39 occupational credits)

The Applied Welding Technology program offers training to prepare students to become skilled welders. The total program, including preparation for nationally recognized certification, requires a minimum of 1,170 hours of preparation. Graduates will be taught techniques that include thermal cutting, Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), Flux Core Arc Welding (FCAW), Gas Tungsten Arc Welding (GTAW), and pipe welding, as well as blueprint reading and power tool and equipment operation. The program prepares students to meet certification in industry standards. Seating is limited. Students are accepted on a first come, first serve basis.

To be eligible for this program a student must:

- be at least 16 years old and either a high school graduate or have a GED certificate, or be a nonhigh school graduate who has been out of high school at least six months,
- and take the Test of Adult Basic Education (TABE) and score a minimum of 8.0 for reading, math and language by the end of the program.

Required Courses

- [PMT 0123C - Welding I](#) 250 clock hours, 8.33 occupational credits
- [PMT 0146C - Welding II](#) 245 clock hours, 8.17 occupational credits
- [PMT 0131C - Welding III](#) 225 clock hours, 7.5 occupational credits
- [PMT 0165C - Welding IV](#) 180 clock hours, 6.0 occupational credits
- [PMT 0168C - Welding V](#) 270 clock hours, 9 occupational credits

Applied Welding Technology Total: 1,170 clock hours, 39 occupational credits

In order to successfully graduate from this program a student must:

- pass courses with a **D** or better while maintaining a 2.0 GPA

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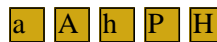
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Medical Records Transcribing, A.T.D.



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Banner Code: MTRN

Applied Technology Diploma

(33 credit hours)

The purpose of this program is to prepare students for employment as medical transcribers. The content includes, but is not limited to, medical terminology, anatomy and physiology, grammar and punctuation, healthcare delivery systems, health information services, ethical and legal responsibilities, safety/security procedures, word processing/transcription skills, and employability skills.

To be officially considered for this program a student must:

- be a high school graduate or have a GED,
- complete a Florida Gateway College application,
- complete the Test of Adult Basic Education (TABE) with a score of math 10, language 11, and reading 11 by the end of the program.

The following is a **suggested** sequence of courses:

Fall Semester: 14 Credit Hours

- [HIM 1300 - Health Care Delivery Systems](#) 3 credits
- [HSC 2531 - Medical Terminology](#) 3 credits
- [SLS 1501 - The College Experience](#) 3 credits
- [HIM 2012 - Legal Aspects of Health Information Technology](#) 3 credits
- [PRN 0080 - Body Structure and Function](#) 60 contact hours, 2 occupational credits

Spring Semester: 12 Credit Hours

- [HIM 2211 - Information Systems for Health Information Technology](#) 3 credits
- [HSC 2524 - Human Diseases](#) 3 credits
- [GEB 2214 - Business Communications](#) 3 credits
- [CGS 1570 - Computer Applications](#) 3 credits

Summer Semester: 7 Credit Hours

- [HIM 2433 - Pathophysiology and Pharmacology](#) 4 credits
- [ORI 2000 - Fundamentals of Oral Interpretation](#) 3 credits **or**
- [SPC 1017 - Oral Communications](#) 3 credits **or**
- [SPC 1061 - Introduction to Academic and Professional Speaking](#) 3 credits **or**
- [SPC 2608 - Public Speaking](#) 3 credits

Medical Records Transcribing Total 33 Credit Hours

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