

Geographic Information Systems Associate of Applied Science (GI13)

DESCRIPTION

The Geographic Information Systems (GIS) Technology Associate of Applied Science degree program prepares students for employment in a variety of GIS professional positions. Students will work for organizations utilizing GIS software and GPS equipment. Graduating students will apply their education in Mobile GIS, Internet Mapping, and Cartography, GIS in Agricultural Applications, and GIS in Local and County Government. Professional positions in GIS may include: GIS Technician, Planning Technician, GIS Analyst, Photogrammetry & Remote Sensing Technician, Natural Resource Management Technician, Data Entry Technician, Research Technician, and Sales & Marketing Technician. The program provides learning opportunities which introduce, develop, and reinforce academic and technical knowledge, skills and attitudes required for job acquisition, retention, and advancement. Additionally, the program provides opportunities to upgrade present knowledge and skills or retrain in GIS practices and software.

EMPLOYMENT OPPORTUNITIES

Graduates of the Associate of Applied Science in Geographic Information Systems Technology are prepared for positions as GIS Technicians, Planning Technicians, GIS Analysts, Photogrammetry and Remote Sensing Technicians, Natural Resource Management Technicians, Data Entry Technicians, Research Technicians, and Sales and Marketing Technicians. Skills learned may be applied in fields as diverse as law enforcement, fire protection, land use planning, cadastral mapping, forestry, wildlife management, government, engineering, landscape architecture, business and marketing, education, and many others. Positions may be found in government, natural resources, and business and industry. This is a growing field and new opportunities will continue to be created as it expands.

ADMISSIONS CRITERIA

1. Submit a completed application and application fee;
2. Be at least 16 years of age;
3. Submit official high school transcript or GED transcript;
4. Submit official college transcripts, if applicable;
- Meet the following assessment requirements:

TEST	Reading	Writing	Numerical	Algebra
COMPASS	79	62	NA	37
SAT	450	NA	440	NA
ACT	17	16	19	NA

GEOGRAPHIC INFORMATION SYSTEMS TECHNOLOGY CURRICULUM

The curriculum for the GIS Technology degree program is designed for the semester system. A student may enter the program any semester. To graduate, degree-seeking students must earn a minimum of 60 semester credit hours. The program requires a minimum of 1267 contact hours and generally takes 4 semesters to complete.

<u>Program Courses</u>	<u>Credits</u>
General Education Core	15
Area I - Language Arts/Communication	3
ENGL 1101 - Composition and Rhetoric	
Area II - Social/Behavioral Sciences	3
PSYC 1101 – Introduction to Psychology	
Area III - Natural Sciences/Mathematics	6
MATH 1111 – College Algebra	
<i>and 1 other natural sciences/mathematics</i>	

MATH 1101 - Mathematical Modeling	
MATH 1112 - College Trigonometry	
MATH 1113 – Pre-Calculus	
Area IV - Humanities/Fine Arts	3
HUMN 1101 - Humanities	
Occupational Courses	45
COMP 1000 – Introduction to Computers (OL)	3
GIFS 1101 - Introduction to Geographic Information Systems*	4
GIFS 1103 - Intermediate GIS*	4
GIFS 1109 - Special Topics in GIS	4
GIFS 1114 - Advanced GIS: Application Development	4
GIFS 1116 - Spatial Analysis in GIS	4
GIFS 1122 - GIS in Science, Business, and Government	4
GIFS 1124 - Cartographic Design for GIS	4
GIFS 1126 - Database Design and Management in GIS	4
Choose Option I, II or III	10
Option I: GIFS 2000 – Geographic Information Systems Practicum/Internship (3 hrs) and choose 7 hours of any DFTG, AGRB, CIST, FWMT, HRMT, BUSN, FOOSC, or MKTG course	
Option II: GIFS 2010 – Geographic Information Systems Practicum/Internship (4 hrs) and choose 6 hours of any DFTG, AGRB, CIST, FWMT, HRMT, BUSN, FOOSC, or MKTG course	
Option III: GIFS 2020 – Geographic Information Systems Practicum/Internship (6 hrs) and choose 4 hours of any DFTG, AGRB, CIST, FWMT, HRMT, BUSN, FOOSC, or MKTG course	

(OL) designation indicates course may be available online during selected semesters. * "C" or higher grade is required for this course.

PROGRAM COSTS

Tuition/Fees: \$5,400

Books/Supplies: \$770

(Costs are estimates and are subject to change.)

TOP 10 REASONS

why OTC is the right choice for you!

1. Great-paying careers!
2. Strong **job placement!**
3. Affordable tuition with financial aid options you don't have to pay back!
4. Over 100 majors to choose from!
5. Flexible class scheduling: day, evening, and online classes!
6. Faculty with real-world experience
7. Hands-on learning
8. Small class sizes
9. An Associate's Degree, diploma, or certificate in less 2 years or less!
10. We **GUARANTEE** your education!

GET STARTED TODAY!

1. Select a program! Free career counseling is available.
2. Review the Admissions Checklist and **APPLY** online at www.ogeecheetech.edu!
3. Plan for expenses. You can view tuition and fees and available financial aid options online as well.

QUESTIONS:

Contact Admissions at 912.688.6994 or via email at enrollmentservices@ogeecheetech.edu!

Ogeechee Technical College does not discriminate on the basis of race, color, national origin, gender or disability. The following individuals have been designated to coordinate the College's implementation of nondiscrimination policies: Kelli Waters, Title IX Coordinator, Office 143D, JEK Building, 912.871.1885 and Penny Hendrix, ADA/Section 504 Coordinator, Office 171E, JEK Building, 912.486.7211.