



Jean
(Auburn campus)

Cayuga's GIS graduates

GIS was a fresh start for me after working in the retail industry for several years. Attending CCC was a great experience. The applications I learned, not only for GIS, have helped me gain a lot of real world experience at IAGT.



Kristen
(Auburn campus)

Since graduating I have found that GIS has become a very prevalent part of today's society. I am very grateful for all of the education and experiences I have had over the past few years. Thank you to all that were involved and good luck to those just getting started. There are a lot of great opportunities out there with geographic information technology.



ADMISSIONS OFFICE

admissions@cayuga-cc.edu
www.cayuga-cc.edu/admissions/
1-866-598-8883

Want To Learn More?

Professor Abu Badruddin

315-294-8610

email: badruddin@cayuga-cc.edu

AUBURN CAMPUS

197 Franklin Street
Auburn NY 13021

FULTON CAMPUS

806 W. Broadway
Fulton NY 13069



State-of-the-art technology
Transfer opportunities
Professional, paid internships



GEOGRAPHIC INFORMATION SYSTEMS (GIS)

GIS at Cayuga

Students will have the opportunity to explore in-depth the following

- Spatial Modeling with Raster GIS
- Aerial Photogrammetry
- Introduction to Vector GIS
- Advanced GIS
- GIS Programming
- Introduction to GIS
- Remote Sensing

Degree in Geographic Information Systems, A.S.

Combine your interest in science and technology by studying in this degree program. By learning specialized computer software that takes images drawn from satellites, GPS waypoints, aerial photography, and other sources of data, you will make interactive maps for decision makers from all types of career areas. GIS is a tool that is being applied in environmental studies, natural resources management, business, marketing, history and even law enforcement and military.

Why Cayuga?

Cayuga's state-of-the-art GIS facilities include a complete suite of ESRI software, ERDAS Imagine, IDRISI, and the latest GPS receivers. The program is closely associated with the NASA-sponsored Institute for the Application of Geospatial Technology, located on Cayuga's Auburn campus, so students can network with the Institute's GIS professionals.

- The only community college with a comprehensive GIS degree program.
- Opportunities to work with technology and professionals at the forefront of the field.
- Hands-on training in GIS technology, global positioning system, and remote sensing.
- Professional, paid internship opportunities through the Institute for the Application of Geospatial Technology, learn more at www.iagt.org.
- State-of-the-art geographic information technology lab with a complete suite of ESRI software, ERDAS Imagine, IDRISI, and latest GPS receivers

- Cayuga's GIS program is transferable to the baccalaureate program at SUNY Cortland and SUNY College of Environmental Science and Forestry.

Careers in GIS

A GIS career is one of the most exciting job opportunities today, having a tremendously positive impact on the world. The fragile state of the world's economy, ecology, and security calls for innovative ways to help people process information and make wise decisions. As the use of GIS continues to grow, Geographic Information System (GIS) professionals are in demand world-wide in the following fields.

- Agriculture
- Business
- Cartography
- Conservation
- Environmental Management
- Forestry
- Health and Human Services
- Law Enforcement and Criminal Justice
- Mining and Earth Science
- Natural Resource Management
- Petroleum
- Planning and Engineering
- Public Safety
- Public Utilities
- Federal, State and Local Governments
- Transportation
- Tourism and Recreation
- Urban & Regional Planning

Student Housing

Lattimore Hall, privately owned and managed student housing, offers modern, dormitory-style accommodations just a short ride from the main campus. Visit www.lattimorehall.com for details.

For degree requirements and detailed course descriptions, view our catalog online at www.cayuga-cc.edu.

