NISGTC
The National Information, Security & Geospatial Technologies Consortium

Salt Lake Community College School of Science, Mathematics and Engineering, Geoscience department has joined The National Information, Security & Geospatial Technologies Consortium (NISGTC). The NISGTC is a three-year, $20 million federal grant that was established in 2011. This grant is available for students and it pays for mentorships, tutors, career coaching, virtual labs, and curricula that will prepare students for the "real world". Students are able to enroll anytime and participate in these free services. To learn more about the Geospatial Mentoring Program, the services and options offered visit www.slcc.edu/gis.

Salt Lake Community College Step Ahead.

GEOSPATIAL MENTORING PROGRAM

Solutions designed for your future career endeavors.

WWW.SLCC.EDU/GIS

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Degree Options

Geographic Information Science (GIS) Technology
Associate of Applied Science (AAS)
65 credit hours

Geographic Information Science (GIS) Technology Certificate
35 credit hours
GIS Technology employment is one of the fastest growing areas in today's workplace. GIS provides students with skills in using ESRI software and is a powerful tool designed to work with data referenced by spatial or geographic coordinates. This system captures, stores, checks, integrates, manipulates, analyzes and displays data. The data is spatially referenced to the earth. The GIS tools along with remote sensing, aerial photography, photogrammetry, and others capture, store, retrieve, analyze, model and display data.

Geospatial Technology Associate of Applied Science (AAS)
60 credit hours

Certificate
17 credit hours
An education into how information can be acquired to analyze spatial patterns through the use of discipline related data, aerial photography, satellite imagery, GPS, and a strong emphasis on Geographic information Systems.

Geomatics (Surveying) Associate of Applied Science (AAS)
69 credit hours

Certificate
16 credit hours
These courses provide hands-on experience with survey equipment. Field experience in construction surveying and staking, encompassing GPS fundamentals, radial surveying, robotics, total stations, data collection methods, coordinate reaction/adjustment, public lands/state plane coordinate systems.

Geography Associate of Science (AS)
66 credit hours
This program provides a broad base of technical skills for information gathering and analysis as well as strong emphasis in physical geography and geology and an understanding of regional and global cultural aspects of the world. It provides a global awareness, creates a background for job opportunities and applications. This program meets the needs of vocationally-oriented students with a two-year degree goal and also provides solid foundation for a four-year degree program.

Careers in GIS

- **Survey & Mapping, Land Boundary**
- **Construction/Engineering**
- **Hydrographics**
- **Forensics & Paleo-Forensics**
- **Law Enforcement**
- **Military (e.g., Dept. of vDefense)**
- **Geodetics**
- **Geologic**
  - **-Tectonic** **-Classical** **-Energy Resources**
- **Energy Resources**
  - **-Mining (Open Pit and Shaft)** **-Petroleum**
  - **-Geothermal** **-Solar** **-Wind-generated**
  - **-Oceanic** **-Chemical**
- **Architectural Design**
- **Engineering Design**
- **Geographic Information Systems**
- **Cartographics**
- **Civil and Utility Infrastructure**
- **Transportation**
- **Archeological & Paleo-Anthropology**

Would you like to have...

- internet access anytime and anywhere through virtual labs?
- a mentor relationship and internship opportunities?
- access to private tutoring?
- special advising from career coaches?
- new and updated curricula that will prepare you for the workforce?

If you said YES to any of the options above contact us today!

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