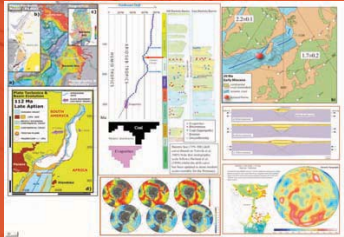


Map it!

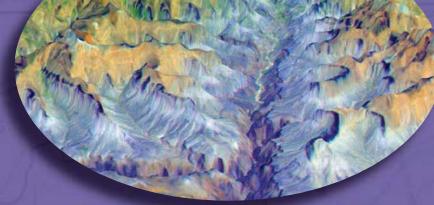
Virtually every sector of business, non-profit and government is using geographic information to make more informed decisions based on better geographic knowledge.

Job opportunities in the geospatial sciences exist locally in San Juan County, the State of New Mexico, nationally and internationally.



Careers! In Geospatial Science

Geography	Community Planning
Biology	Urban Planning
Geology	Transportation
Environmental Science	Military
Ecology	Homeland Security
Forestry	Cartography
Agriculture	Mapping
Natural Resource Management	Surveying
Meteorology	Civil Engineering
Hydrology	Landscape Architecture
Computer Science	Archeology
Graphic Arts	Sociology
Aerial Photography	Health Care
Satellite Imagery	Economics
Remote Sensing Technology	Real Estate
Global Positioning Systems	Business



GIST Program Information

Keary Howley
GIST Program Coordinator
School of Science
howleyk@sanjuancollege.edu
(505) 566-3275
San Juan College
4601 College Boulevard
Farmington, NM 87402
www.sanjuancollege.edu/gis

Admissions Information

Admissions and Records
San Juan College (505) 566-3335
4601 College Blvd.
Farmington, NM 87402
www.sanjuancollege.edu/pages/3535.asp



SAN JUAN COLLEGE
School of Science

GIST

Geographic Information
Science and Technology



Design by: Creative Geospatial, 12.06.05

School of Science

GIST

Geographic Information
Science and Technology

The Geographic Information Science and Technology (GIST) program at San Juan College offers students a solid education to pursue a career in the rapidly growing field of geospatial sciences, or to develop new skills for their present profession.

Geospatial science includes geographic information systems (GIS), the global positioning system (GPS) and the remote sensing of satellite and aerial imagery among other mapping technologies. Together these tools are used to collect, manage and analyze geographic information and allow us to make better decisions about our world.

Experts estimate that 70 – 85 % of the information we deal with each day has a spatial component that can be mapped. From improving habitat for endangered species, planning smart growth of communities, wisely managing energy and natural resources, to the routing of emergency vehicles, locating new businesses, analyzing health risks and aircraft navigation, GIST is now an integral part of our everyday lives.

The applications of GIST are limited only by people's imagination!



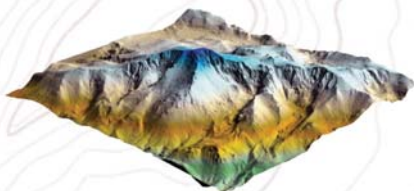
PROGRAM DETAILS

GIST at San Juan College addresses a critical need for technological and academic education of undergraduate students and professionals within this emerging field. Currently, there are two programs available in GIST: a one-year certificate or a two-year associate of applied science (AAS).

The one-year certificate provides training for professionals to develop GIST skills to apply in their established field. It is also appropriate for non-degreed persons seeking immediate employment as a technician in the mapping sciences.

The AAS is a professional degree for individuals ready to enter the work force. The AAS provides more in depth education in GIST and is appropriate for students seeking employment as technicians and analysts.

Soon a third program, an associate of science (AS), will be offered for students transferring to a four-year college.



STUDYING GIST AT SAN JUAN COLLEGE OFFERS A NUMBER OF ADVANTAGES

- The college is investing in state-of-the-art GIST equipment and facilities in addition to outstanding information technology available on campus.
- Students benefit from strong partnerships with business and government throughout the Four Corners region.
- Local and national experts provide instruction and advisement.
- Community partnerships provide learning, internships and opportunities to apply GIST to practical working situations.
- The Four Corners region offers diverse landscapes, social, economic and environmental issues that can benefit from the use of GIST.



“The Geospatial Technology Industry is an emerging high growth sector of the U.S. economy that is expected to reach more than \$21 billion in revenue over the next few years.”

– US Department of
Labor 2005

