

Your Future Starts Here



1 Get to know yourself

Use these websites for career guidance and to explore your interests.

www.cacareercafe.com

www.cacareerzone.org/assessments

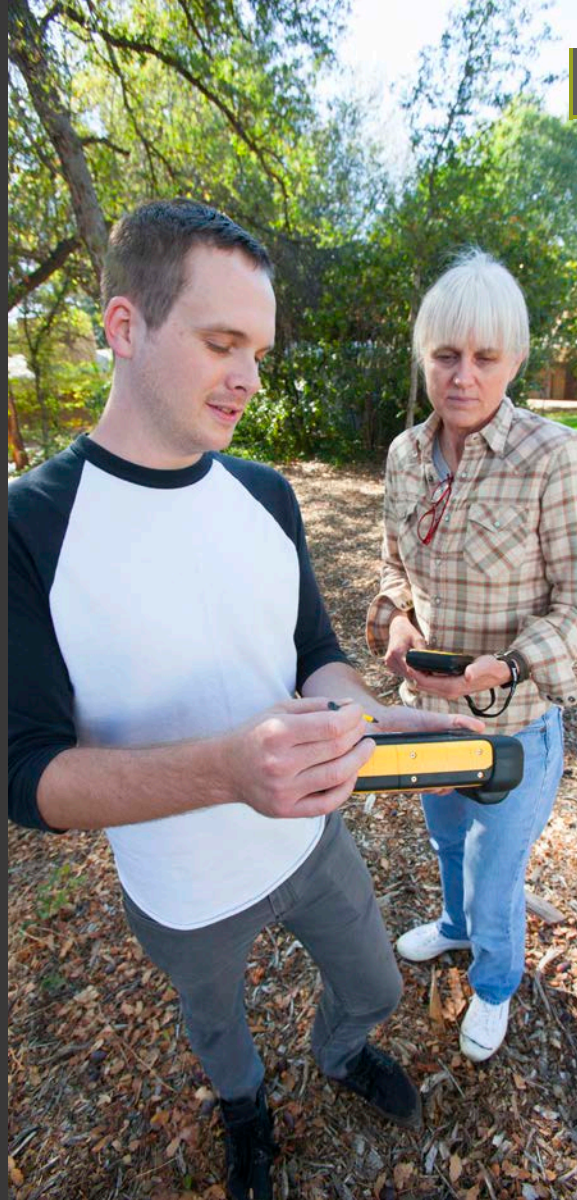
2 Visit our website

Check out our CTE page for more details about the programs Shasta College offers.

www.shastacollege.edu/cte

3 Talk to your counselor

Talk with your counselor so you can develop your education plan and find out what preparations you'll need for getting started on your career path.



GIS

The Geographic Information Systems Program provides students with education and training for the application of GIS in the workplace. Students gain knowledge of maps, geographic data, and imagery, while developing skills in data collection, analysis and map creation. GIS is essential in support of fields such as natural resources, planning, engineering, earth and social sciences. Courses are designed to meet state and national competencies developed by educators, labor and industry professionals.

After 2 years After 5 years

Salary: GIS, Surveying and Mapping Technician \$30,000 \$56,000

Program Highlights:

- Combines technical skills with field experience
- Develop strong computer & critical thinking skills
- On-site learning builds contacts with professionals

Degrees

- Geographic Information Systems, AS
- Geographic Information Systems Certificate

Geomatics

A growing field that includes plane surveying and land measurements. Shasta College offers a two-semester course sequence that provides students with education and training for the application of Engineering and Surveying Measurements in the workplace. Students gain knowledge and practical skills like: the use and care of surveying instruments, error and accuracy computations, angle and distance measurement, construction surveys, topographic mapping, coordinate calculations, aerial photogrammetry, and operation of a wide variety of surveying equipment. Students also attend field trip tours to construction sites or equipment manufacturing facilities.

Geomatics is essential in support of fields such as Civil Engineering, Construction, Design, Planning, Natural Resources, Ground, Aerial and Satellite Surveys, as well as Geographic Information Systems.

Program Highlights:

- Lectures and weekly labs on geomatics principles
- Develop strong computer & critical thinking skills
- Combines technical skills with field experience

Computer Assisted Design (CAD)

A wide range of applications that include engineering equipment design, residential house plans and large-scale mapping. Shasta College teaches a variety of courses that develop fundamentals in drafting and the use of industry-standard CAD software. Students apply skills in designing projects.

Program Highlights:

- Develops principles and technical skills
- Taught by experienced professionals from the workplace
- Develops strong analytical and computer skills





Surveying Team

CTE programs will get you where you want to go. Quick.

- Faculty with industry experience
- Up-to-date & hands-on courses
- Affordable technical training
- Ability to start your career faster

Turn the page & check out our feature programs!



Shasta College

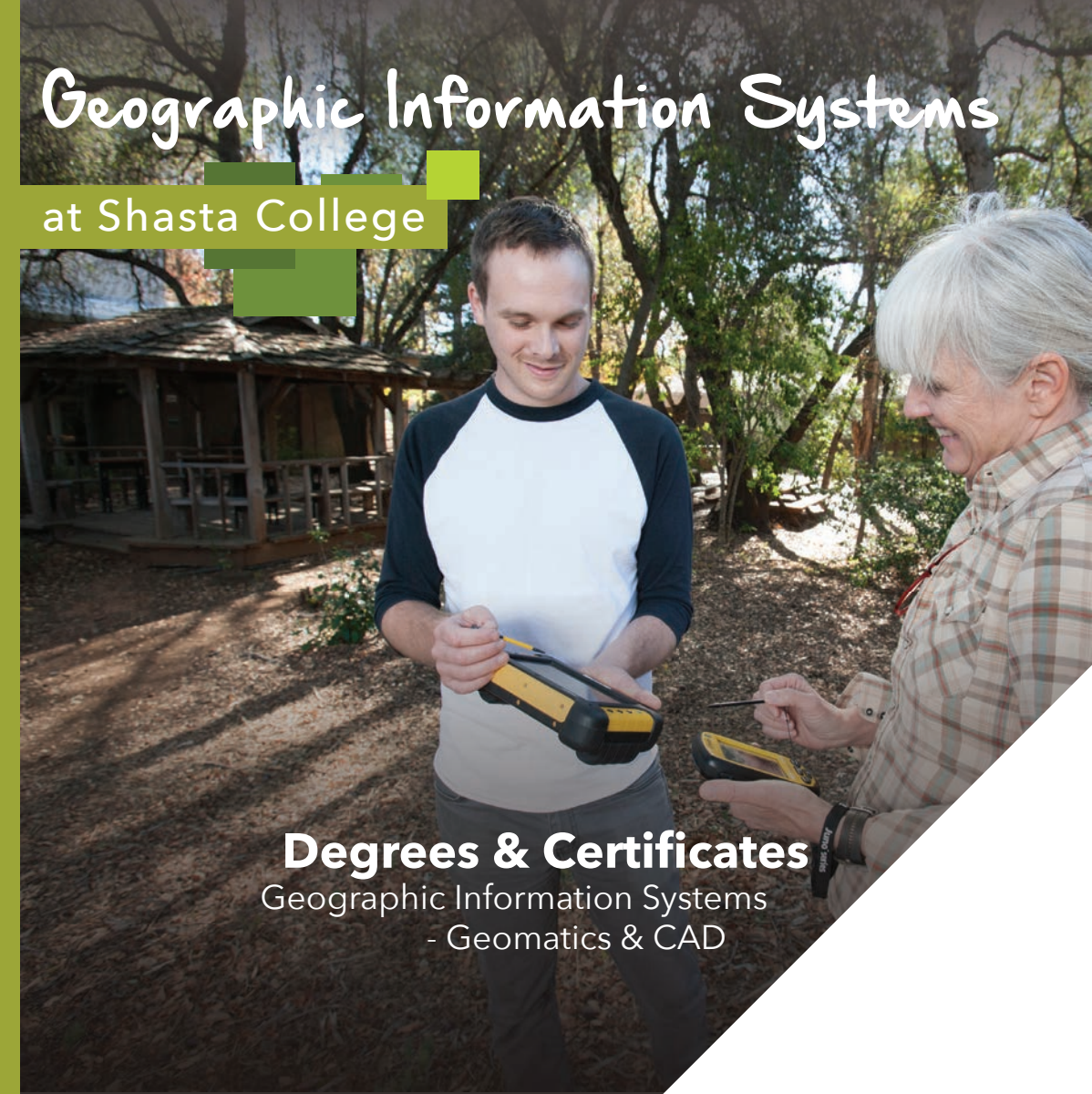
All salaries pulled from Salary Surfer, <http://salarysurfer.cccco.edu/Salaries.aspx>

In compliance with Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, and the Age Discrimination Act of 1975, Shasta College does not discriminate on the basis of race, color, national origin, sex, handicap, or age in employment or in any of its educational programs or in the provision of benefits and services to its students. A lack of English language skills will not be a barrier to participation in vocational education programs and entrance to Shasta College.

Career Technical Education at Shasta College

For more info visit
www.shastacollege.edu/cte

Geographic Information Systems at Shasta College



Degrees & Certificates Geographic Information Systems - Geomatics & CAD