

Personality + Career



Students in the Geographic Information Systems Technician program are good problem solvers and have excellent communication skills. They are also committed to precision and accuracy in their work and are flexible working independently and in a group with others. They also enjoy working with technology and in a field that is constantly changing.

Program	Credential	What do students learn in the program?	What do students earn?	Career Opportunities	Are graduates prepared for/ to complete exams for specific credentials/licensing/certifications at the end of the program?	Required Tools, Supplies, and Uniforms
Geographic Information Systems Technician	Certificate	Students learn how to interpret, manipulate, and manage digital data. Students apply that knowledge to design maps depicting data in a format that is understandable and useful. Students develop a strong foundation in GIS and Cartography. Certificate classes stack into the Diploma and AAS degree.	(salary listed below is an average for all credentials)	GIS Technician Cartographic Technician	N/A	Internet and computer access
Geographic Information Systems Technician	Diploma	Students learn to manage and analyze data using the latest GIS software. Students answer questions about geographic phenomena using spatial analysis. Students build simple to complex maps to combine spatial data layers to create meaningful outcomes. Diploma stacks into the AAS degree.	(salary listed below is an average for all credentials)	GIS Technician Cartographic Technician Mapping Specialist	N/A	Internet and computer access
Geographic Information Systems Technician	Associate of Applied Science	In addition to the skills and information noted above, students gain knowledge about open source GIS applications and 21st century digital mapping. The Associate of Applied Science adds additional emphasis on designing, configuring, optimizing, and maintaining geospatial servers, customizing GIS software applications as well as specific information technology related concepts such as programming concepts, database management, and website design using HTML5 and CSS3.	\$23.35 per hour; \$48,568 annually	GIS Analyst GIS Specialist GIS Developer GIS Programmer	N/A	Internet and computer access

» Your Next Steps to Choose SCC

- ▶ Schedule a Campus Visit - southeast.edu/visit
- ▶ Explore career options with an Admissions Counselor - southeast.edu/admissionsadvising
- ▶ Apply - southeast.edu/applynow

» Paying for SCC

- ▶ Free Application for Federal Student Aid (FAFSA) - studentaid.gov/h/apply-for-aid/fafsa
- ▶ Scholarships - southeast.edu/scholarships
- ▶ Payment Plan - mycollegepaymentplan.com/southeast
- ▶ Veteran Education Benefits - southeast.edu/veterans-services
- ▶ GAP Assistance Program - southeast.edu/gap
- ▶ Children of State Teammate Tuition Reimbursement Program - southeast.edu/children-of-state-teammate-tuition-reimbursement-program



Scan this code to find out more about Geographic Information Systems

Contact Admissions to get started!

402-437-2600, 800-642-4075 ext. 2600
 ✉ admissions@southeast.edu



2024-2025 / » southeast.edu

Geographic Information Systems Technician



SCC's Geographic Information Systems Technician program teaches students to interpret, manipulate and manage digital data and design and prepare data using GIS hardware and software applications. Collected data is used to support critical decisions. Graduates are prepared to make an immediate impact in their communities as their work helps to allocate resources, manage natural resources and improve communication during a crisis. Their work is vital to our communities and many agriculture, government, education, transportation, utilities planning, commercial, and private agencies.

Program Contact Information

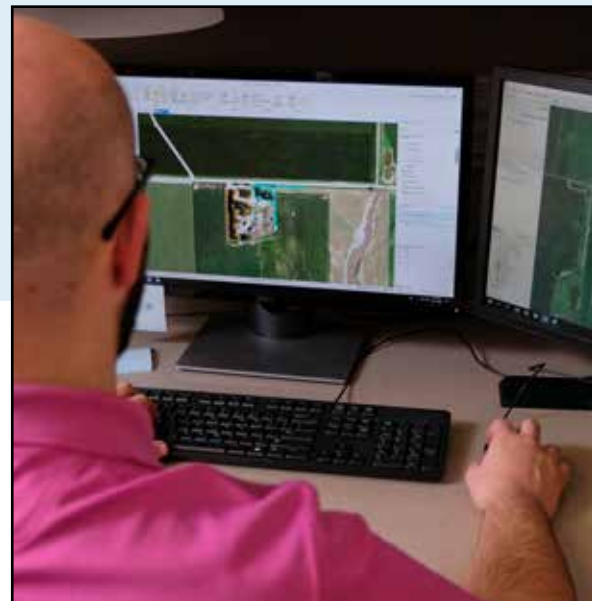
Katrina Patton, Instructor
 402-437-2262, 800-642-4075 ext. 2262
 ✉ kpatton@southeast.edu

Jo Schuster, Program Co-Chair
 402-437-2492, 800-642-4075 ext. 2492
 ✉ jschuster@southeast.edu

Kim Waswick, Program Co-Chair
 402-437-2490, 800-642-4075 ext. 2490
 ✉ kwaswick@southeast.edu

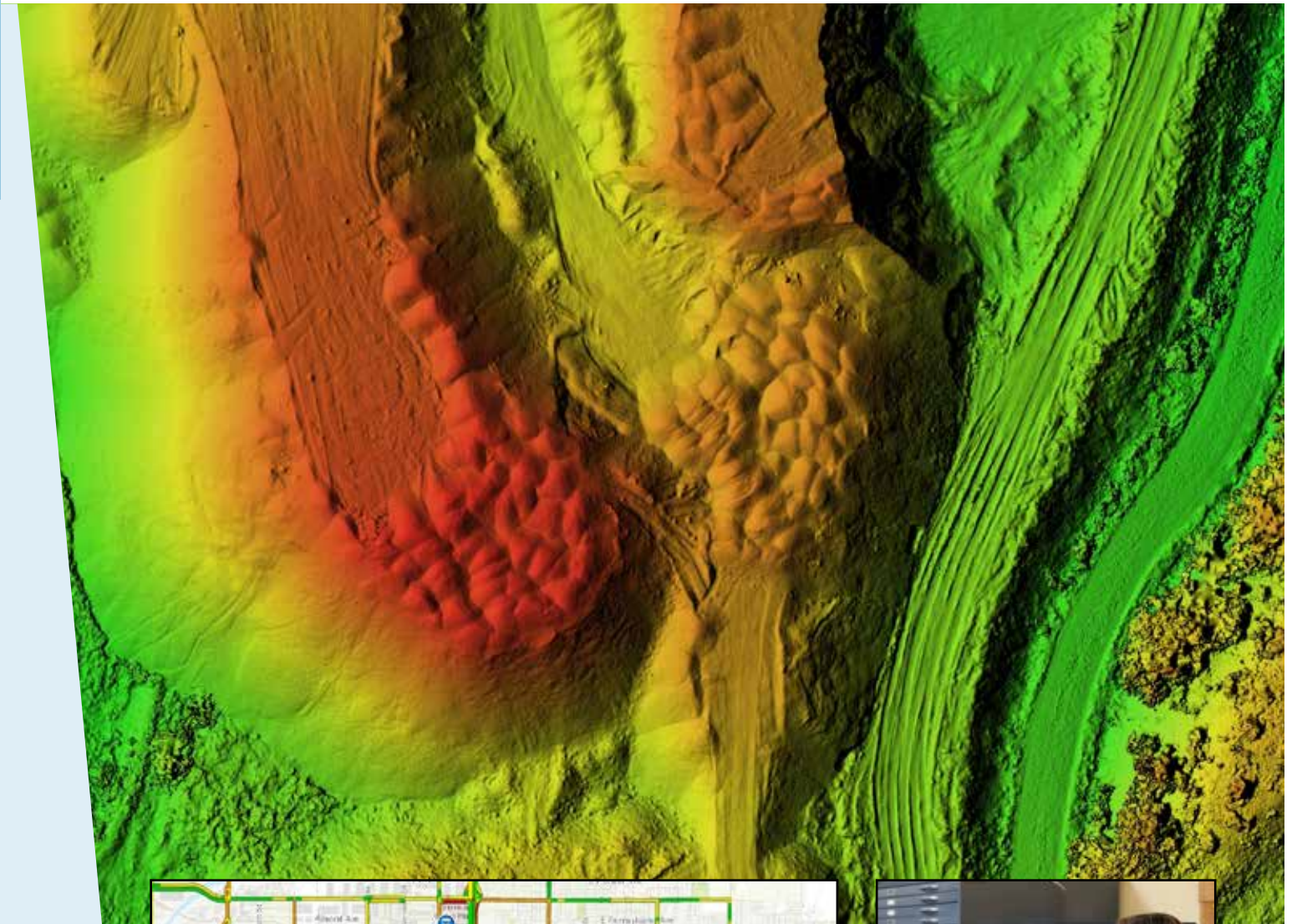
The SCC Experience

- » SCC's Geographic Information Systems Technician program is offered entirely online, allowing you to take classes that fit your schedule. The asynchronous courses give students the flexibility to complete coursework based on their convenience. Most students work full time while completing the program, allowing them to earn-while-they-learn.
- » Students learn using industry software, helping them graduate prepared to enter any industry. The real-life experience gives students an advantage as they enter the workplace and can apply their skills immediately.
- » Employment opportunities and earning potential are limitless! The Geographic Information Systems field is growing to meet the ever-changing technology and needs of our world.



Related Programs at SCC:

- **Computer Information Technology**
 - Applications Development
 - Computer Support
 - Cybersecurity
 - Network Management
- **Design & Drafting Technology**
 - Architectural Design
 - Computer Aided Design Drafting
 - Designing Software
 - Residential Design
 - Intro to Design Software
- **Graphic Design | Media Arts**
- **Manufacturing Engineering Technology**



Program	Credential	Location	Credit Hours	Tuition/Fees*	Books/Fees/Supplies	Total Cost*	Starting Term(s)	Number of Semesters Required - Full Time	Is Summer Term Required for Full Time?	Online Option	Can the Program be Completed Entirely Online?	Part-Time Option	Number of Semesters Required - Part Time	Is a summer term required for Part Time?	Typical Class Schedule
Geographic Information Systems Technician	Certificate	Online	18	R- \$2,214 NR- \$2,592	\$425	R- \$2,639 NR- \$3,017	Fall Spring	2	No	Yes	Yes	Yes	Varies based on the students needs and goals	No	Program courses are offered entirely online and general education courses are offered in person, online, and hybrid.
Geographic Information Systems Technician	Diploma	Online	31	R- \$3,813 NR- \$4,464	\$729	R- \$4,542 NR- \$5,193	Fall Spring	2	No	Yes	Yes	Yes	Varies based on the students needs and goals	No	Program courses are offered entirely online and general education courses are offered in person, online, and hybrid.
Geographic Information Systems Technician	Associate of Applied Science	Online	62	R- \$7,626 NR- \$8,928	\$1,483	R- \$9,109 NR- \$10,411	Fall Spring	4	No	Yes	Yes	Yes	Varies based on the students needs and goals	No	Program courses are offered entirely online and general education courses are offered in person, online, and hybrid.

*R=Resident, NR=Non-resident. Costs listed are estimates and are subject to change based on the market price of books, supplies, tools, uniforms, etc. Estimated costs also include tuition and fees. Additionally, days/times of week for class, lab, clinical/practicum are subject to change based on curriculum, facilities, instructor, and site availability. Actual program schedules will be provided prior to each enrolled term.