

2018-2019

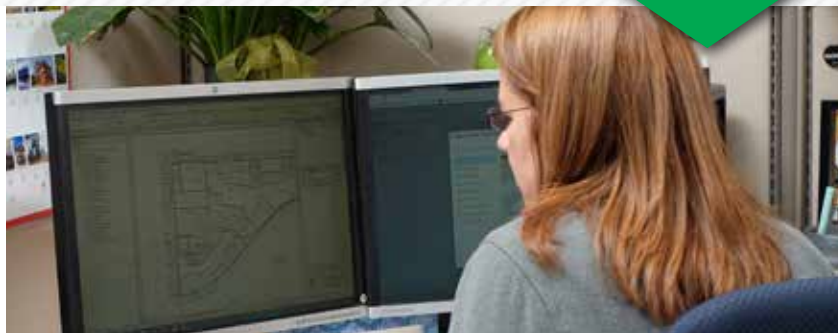
SOUTHEAST  
COMMUNITY  
COLLEGE  
NEBRASKA

# GEOGRAPHIC INFORMATION SYSTEMS TECHNICIAN

ONLINE (LINCOLN CAMPUS)

Certificate

www.southeast.edu/GISTech



*Geographic Information Systems careers are available in almost every field, including government, commercial, educational and private organizations. GIS technicians read and interpret maps, manipulate and understand digital land data, and manage data entered into a GIS database. They also design and prepare data using GIS hardware and software applications. Geographic Information Systems offer a radically different way to produce and use maps to manage communities and industries.*

## Program Overview:

The GIS certificate program will provide students with the knowledge and skills necessary to develop and manage Geospatial Technology Information projects and to interpret and implement GIS as a decision support system.

GIS is a computerized database management system for capturing, storing, retrieving, analyzing, and displaying geographic information.

Geographic Information Systems technicians analyze GIS data to identify spatial relationships and display results of analysis using maps, graphs, or tabular data.



## Types of jobs available:

- GIS Technician
- GIS Support Analyst
- GIS Specialist
- Cartographic Technician

## General Education Requirements:

Contact your program advisor to select the general education course requirement, which will meet your program's graduation requirements. See the General Education pages online for a complete list.

(One class from one of the four following areas) 4.5 hours

- Oral Communications
- Written Communications
- Critical Thinking & Problem Solving
- Analytical, Quantitative, and Scientific Reasoning

## GIS Technician Required Courses

A grade of "C" or higher in all program classes is required to progress through the program.

Course #	Course title	Credit hrs
GIST1110	Introduction to Geospatial Technology	4.5
GIST1120	Spatial Analysis and Modeling	4.5
GIST1130	Data Acquisition and Management	4.5
GIST1140	GIS Capstone	4.5
GIST1900	Internship <b>or</b>	
GIST1901	Cooperative Experience	4.5
		<b>22.5 hours</b>

## Graduate Earnings

Recent graduates report an average starting wage of \$22 per hour.

## For more information contact:

Dave Zachek, Program Chair- Lincoln  
402-437-2651, 800-642-4075 ext. 2651  
dzachek@southeast.edu

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

or the College Admissions Office  
Lincoln 402-437-2600, 800-642-4075 ext. 2600

## Estimated Expenses

Nebraska Resident tuition/fee rate is \$69.50 per credit hour. Out-of-state tuition/fee rate is \$83.50 per credit hour. Graduation fee is \$25.

Housing is available at Beatrice and Milford campuses only. Tuition, books and fees are dependent upon classes taken each quarter.

Students should plan a budget that includes room, meals, clothing, laundry, medical care, recreation and entertainment, transportation, insurance, etc.

Tuition And Fees	\$1,877
Books	400
<b>Total Estimate For Program</b>	<b>\$2,277</b>
<b>ADDITIONAL EXPENSE:</b>	
Graduation Fee	\$25



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