



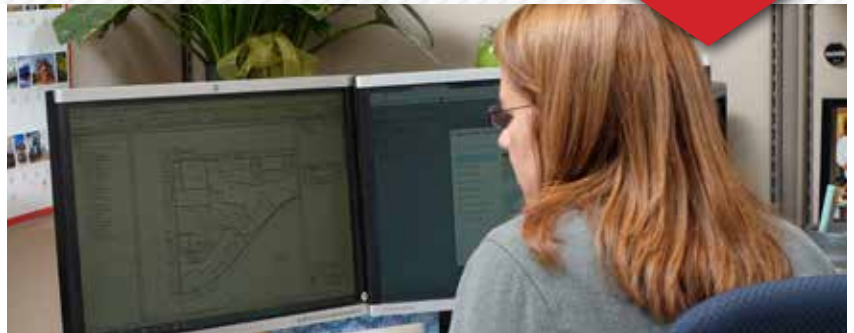
# GEOGRAPHIC INFORMATION SYSTEMS TECHNICIAN



ONLINE (LINCOLN CAMPUS)

Certificate

[www.southeast.edu/GISTech](http://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



## Graduate Earnings

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

## For more information contact:

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

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## 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
		22.5 hours

## General Education Requirements:

(One class from one of the five following areas)

Oral Communications

Written Communications

Mathematics

Science

Social Science

4.5 hours



### Estimated Expenses

To determine overall costs, students should plan a budget that includes room, meals, clothing, laundry, medical care, recreation and entertainment, transportation, insurance, etc.

Nebraska Resident tuition rate is \$65.50 per credit hour. Out-of-state tuition rate is \$79.50 per credit hour. Student fee is \$2 per credit hour. Graduation fee is \$25.

Housing is available at Beatrice and Milford campuses only.

Quarterly tuition, books and fees are dependent upon classes taken each quarter.

27 credit hours are required to graduate with a certificate.

Tuition And Fees	\$1,823
Books	400
<b>Total Estimate For Program</b>	<b>\$2,223</b>
<b>ADDITIONAL EXPENSE:</b>	
Graduation Fee	\$25