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.

GIS Technician Required Courses
A grade of “C” or higher in all program classes is required to progress through the program.

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course title</th>
<th>Credit hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>GIST1110</td>
<td>Introduction to Geospatial Technology</td>
<td>4.5</td>
</tr>
<tr>
<td>GIST1120</td>
<td>Spatial Analysis and Modeling</td>
<td>4.5</td>
</tr>
<tr>
<td>GIST1130</td>
<td>Data Acquisition and Management</td>
<td>4.5</td>
</tr>
<tr>
<td>GIST1140</td>
<td>GIS Capstone</td>
<td>4.5</td>
</tr>
<tr>
<td>GIST1900</td>
<td>Internship or Cooperative Experience</td>
<td>4.5</td>
</tr>
</tbody>
</table>

22.5 hours

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
Total Estimate For Program $2,277

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:
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

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