

# Florida Community College at Jacksonville

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## 2007-08 Catalog: Programs of Study

### GIS (Geographic Information Systems) Technician (6203)

#### Technical Certificate

This technical certificate will provide the essential skills and knowledge needed to obtain entry level jobs as a GIS Technician. This certificate will also increase job skills for other Engineering Technology degrees. GIS is a computer-based tool used to map and analyze spatial relationships. GIS technology integrates database operations with statistical analysis and presents this information visually using different mapping methods. Improved computer software and hardware is increasing the potential GIS applications and career opportunities open to individuals with GIS experience.

#### Articulation

All courses in this technical certificate apply to the **Architectural Design and Construction Technology** associate in science degree.

#### Cost

Estimated cost of tuition is \$1,395 (tuition rated for Florida residents, as of 7/07). Contact the program manager for additional costs (textbooks, materials, fees).

#### Need More Information? Contact:

**Betty Sasser**, Downtown Campus, 904.633.8454  
Or call 904.361.6353

#### Curriculum

Course Number and Title	Credits
<b>Professional Courses</b>	
<b>CGS 1100</b> Microcomputer Applications for Business and Economics	3
<b>GEO 2200</b> Physical Geography	3
<i>or</i> <b>GEO 2420</b> Cultural Geography	
<b>ETD 1100</b> Engineering Drawing	3
<b>GIS 2040</b> Fundamentals of Geographic Information Systems	3
<b>GIS 2045</b> Intermediate Geographic Information Systems	3
<b>GIS 2046</b> Advanced Geographic Information Systems	3
<b>CGS 2542</b> Database Concepts for Microcomputers	3
<b>Credit Hours</b>	<b>21</b>
<b>Total Credit Hours</b>	<b>21</b>

Please see the technical certificate **Graduation Requirements**.

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