

Geographic Information Systems Advanced Technical Certificate Program Code 4277

Program Description: This certificate program prepares student for employment as a geographic information systems (GIS) technician or provides GIS training to those currently employed in these occupations. The curriculum includes basic computer skill classes, use of spatial databases for the storage of geographic data, creation of maps and analysis of spatial information, and related technologies of remote sensing and GPS and how they integrate with GIS. The classes provide extensive training with the popular ArcGIS software.

Career Pathway: Science, Technology, Engineering & Math (STEM)

Program Entrance Requirements: Students must hold a minimum of an Associate's degree.

Additional Program Information: N/A

Related Industry Certifications: N/A

Location(s): Most courses are offered at all BC locations, including online. However, some courses may only be offered at the A. Hugh Adams Central Campus. Please consult the course schedule for specific semester locations.

Contact Information: Program contact information can be found at www.broward.edu/academics/programs/environmental/environmentaltechnology/Pages/default.aspx

Related Programs at Broward College:

Environmental Science Technology Associate in Science (2182)

Required Courses

GIS1030	Remote Sensing and Applications	3
GIS1040C	Introduction to Geographic Information System I	4
GIS1042C	Introduction to Geographic Information Systems II	3
GIS1047C	Applications of Geographic Information Systems	3

Total Program Credit Hours **13**

Notes: Many courses have specific pre-requisite and co-requisite requirements that must be followed. Students are encouraged to consult the Course Information Table for a detailed list of all requisite requirements.

Students are strongly encouraged to meet with an advisor to create an educational plan.