



CENTRAL PIEDMONT COMMUNITY COLLEGE

Geomatics Technology Certificate

Specialization in Geospatial Fundamentals (C40420-C7)

This pathway provides training for technicians in many areas of surveying, such as land surveying, route surveying, construction surveying, photogrammetry, mapping, global positioning systems and other areas of property description and measurement. Graduates find jobs with NCDOT, as well as with companies that do land surveying, commercial and residential development, land mapping, and general and specialty contracting. Job titles include instrument technician, survey party chief, survey technician, GPS technician, and CAD operator.

COURSE CODE	COURSE NAME	CREDIT HOURS
GIS 111	Introduction to GIS	3
GIS 112	Introduction to GPS	3
GIS 121	Georeferencing & Mapping	3
GIS 225	Advanced Methods in GIS	3
GIS 249	Remote Sensing	3
	TOTAL HOURS	15

Eligibility Requirements

To be eligible for enrollment, a high school student must meet the following criteria:

- Be a high school junior or senior;
- Have a weighted GPA of 3.0 on high school courses or have the recommendation of the high school principal or his/her designee; and
- Meet the testing requirements for the career pathway (if applicable).

