

USING 3D SCANNERS AND GPS IN SURVEYING - CERTIFICATE OF SPECIALIZATION

This certificate focuses on the use of 3D laser scanning and GPS technologies in conducting surveys. Training is done using industry-standard equipment and technologies. This certificate will offer students an opportunity to develop basic training necessary to seek entry-level employment in the public or private Surveying and Geomatics industry. Students must complete the courses in this certificate at Evergreen Valley College.

Program Learning Outcomes

- Acquire appropriate GPS data for a particular survey.
- Create a 3D model of a job site and produce survey points using a 3D laser scanner.
- Collect data and produce an industry-standard report for surveys.

Course	Title	Units
SG 147	Global Positioning System for Land Surveying	3
SG 149	3D Laser Scanning for Land Surveying	3
Total Units		6