

Academic Certificate: Land Surveying

This Certificate is offered to individuals seeking to obtain a credential which will satisfy part of the educational requirements set by various state licensing boards, including the Idaho Board of Licensure for Professional Engineers and Professional Land Surveyors.

Code	Title	Credits
The following courses must be completed:		
CET 1112	Beginning Surveying	3
CET 2216	Route Survey and GPS Fundamentals	3
GEMT 3310	Boundary Control and Legal Principles	3
GEMT 4411	Geodesy	3
GEMT 4430	GPS Principles and Applications	3
CET 1122	Intermediate Surveying and Spatial Analysis	3
Complete one of the following courses: ¹		3
GEMT 3312	Public Land Surveying	
GEMT 3314	Research and Evidence in Surveying	
Other Available Electives: ^{2,3}		
GEMT 3311	Advanced Surveying	
GEMT 3314	Research and Evidence in Surveying	
GEMT 3315	Surveying Adjustments	
GEMT 3317	Subdivision Planning and Platting	
GEMT 3319	Writing Legal Descriptions	
GEMT 4425	Principles of Cartography	
GEMT 4432	Principles of Photogrammetry	
Total Credits		21

¹ Students seeking to practice in Idaho and other Public Land Survey System states are advised to take GEMT 3312 Public Land Surveying. Students who will practice in states where the United States Public Land Survey System is not established are advised to take GEMT 3314 Research and Evidence.

² Additional electives may be taken to fulfill state licensure requirements according to the student's location.

³ Advanced subject matter electives related to the surveying/geomatics profession other than those listed will be considered on a case-by-case basis.

Major Academic Plan (MAP)