

# **Troy University**

## **Surveying and Geomatics Sciences Minor**

**20 credit hours**

**REQUIRED:**

GEM 1100 Computer-Aided Drafting I (2 credits)

GEM 2220 Basics of Surveying (3 credits)

GEM 3309 Land Survey Principles (3 credits)

GEM 4408 Geodesy and Geodetics (3 credits)

GEM 4410 Introduction to Global Positions (GPS) (3 credits)

**OPTIONAL:**

Two courses from the following:

GIS 3390 Fundamentals of Geographic Information and Analysis (3 credits)

GEM 3330 Advanced Measurement Analysis (3 credits)

GEM 4407 Land Development (3 credits)

GEM 4409 Hydrology (3 credits)