

**Michigan Technological University****Minor in Surveying**

Program Code: TSUM, Academic Year 2018-19

Total Credits Required: 18 to 19

**Required Courses: 12 to 13 credits**

<b>Course</b>	<b>Credits</b>
SU 2000 Introduction to Surveying (3)	
SU 2050 Plane Surveying (3) <b>or</b> SY 3110 Surveying Field Practice (4)	
SU 3600 Surveying Computations and Adjustments (4)	
SU 4060 Geodesy (3)	

**Elective Courses: select 6 credits**

<b>Course</b>	<b>Credits</b>
SU 2220 Route & Construction Surveying (3)	
SU 3110 Surveying Field Practice (4)	
SU 3180 Boundary Surveying Principles (3)	
SU 3540 Geospatial Information Technology with Elements of Field Cartography (4) <b>or</b> FW 3540 An Introduction to GIS for Natural Resource Management (4)	
SU 4010 Geospatial Concepts, Technologies & Data (3)	
SU 4100 Geodetic Positioning (3)	
SU 4140 Photogrammetry (3)	
SU 4180 Land Subdivision Design (3)	

Courses listed in this minor have the following prerequisites (shown in parenthesis). Concurrency is indicated by the letter C: SU2050 (SU2000C), SU3600 ((SU2000 or SU2050) and (MA2320 and SU3110C and MA3160C and MA3710C)), SU4060 (SU3600C or SU3250), SU2220 (SU2050 or SU2000), SU3110 (SU2220), SU3180 (SU3600), SU3540 (MA3710), FW3540 (MA2710C or MA2720C or MA3710C or ENVE3502C), SU4100 (SU4060C), SU4180 (SU3180 and (CMG3200 or SU3210)).