

# SURVEYING AND GEOSPATIAL ENGINEERING TECHNOLOGY

## CURRICULUM

Course	Title	Credits
<b>Year 1</b>		
<b>Term I</b>		
CAD-1160	Graphic Communications	3
CON-1162	Engineering Management I	3
EDD-1160	Technical Drawing	1.5
ENG-1159	Writing for the Workplace	3
MTH-1150	Engineering Math I	3
SUR-1150	Land Survey I and Data Systems	3
<b>Credits</b>		<b>16.5</b>
<b>Term II</b>		
CPU-1160	Geomatics Programming I	3
GEO-1152	Geomatics Engineering Science	3
GEO-1181	Geospatial Analysis I	3
GEO-1185	Geodetic Fundamentals	3
MTH-1170	Engineering Math II	3
SUR-1180	Land Survey II	3
<b>Credits</b>		<b>18</b>
<b>Year 2</b>		
<b>Term I</b>		
CPU-2275	Geomatics Programming II	3
GEO-2252	Geographic Information Systems I	6
SUR-2250	Survey Calculations and Analysis	3
SUR-2262	Specialized Positioning Applications	3
SUR-2267	Advanced Survey Applications I	3
STS-2260	Statistics and Applied Research I	3
<b>Credits</b>		<b>21</b>
<b>Term II</b>		
GEO-2280	Geographic Information Systems II	3
GEO-2290	Geospatial Analysis II	3
RSR-2265	Applied Research II	1.5
SUR-2272	Cadastral Surveying	3
SUR-2280	Geomatics Engineering Surveys	3
SUR-2285	Advanced Survey Applications II	3
<b>Credits</b>		<b>16.5</b>
<b>Term III</b>		
(Optional)		
GEO-2298	Work Experience	1.5
<b>Credits</b>		<b>1.5</b>
<b>Total Credits</b>		<b>73.5</b>