ENGT1118 - Construction and Manufacturing Math

Credits:	3 (3/0/0)
Description:	This course covers the application of common geometric and trigonometric calculations related to the construction and manufacturing industries.
Prerequisites:	• MATH0055
Corequisites:	
Pre/Corequisites*:	
Competencies:	1. Solve metric-standard conversions. 2. Solve decimal-surveying angular conversions. 3. Calculate material values from given unit quantities. 4. Solve proportions containing one variable. 5. Solve basic equations containing one variable. 6. Calculate material quantities and costs from given conditions. 7. Solve for unknowns of right triangles. 8. Solve for unknowns of oblique triangles. 9. Calculate area, volume and perimeter from given conditions.
MnTC goal areas:	None

**Can be taking as a Prerequisite or Corequisite.*

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