

## CONM2204 - Materials Testing

Credits:	3 (1/2/0)
Description:	This course covers inspection techniques, methods of material measurement, documentation, material sampling and testing methods for soils and concrete.
Prerequisites:	
Corequisites:	
Pre/Corequisites*:	
Competencies:	<ol style="list-style-type: none"><li>1. Analyze laboratory procedures/techniques.</li><li>2. Operate testing equipment using correct procedures.</li><li>3. Analyze test results for acceptance to applicable industry standards.</li><li>4. Prepare reports of test results using industry terminology.</li><li>5. Perform field/laboratory testing of soils.</li><li>6. Perform field/laboratory aggregate tests.</li><li>7. Evaluate hardened concrete testing results.</li><li>8. Design concrete mixes to meet project criteria.</li><li>9. Perform non-destructive testing.</li></ol>
MnTC goal areas:	None

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