

# A.T.C. Civil Engineering Technician

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(2 Years)

Placement Test	Math
SAT	500
ACT	19
ALEKS	30

Code	Title	Credits
<b>Required Courses:</b>		
CET 1111	Beginning CAD	3
CET 1112	Beginning Surveying	3
CET 1121	Civil 3D Drafting	3
CET 1122	Intermediate Surveying and Spatial Analysis	3
CET 2216	Route Survey and GPS Fundamentals	3
CET 2226	Construction Surveying	3
CET 2228	Principles of GIS	3
CET 2232	Plan Reading and Worksite Safety	3
CET 2243	Public Works	3
CET 2250	Unmanned Aerial Systems/Imagery Analysis	3
CET 2251	Introduction to Legal Descriptions	1
GEMT 3312	Public Land Surveying	3
<b>Complete either these three courses:</b>		<b>7-11</b>
CET 1115A	Materials Testing I	
CET 1125A	Materials Testing II	
CET 2215	Materials Theory	
<b>OR these three courses:</b>		
CET 1113	Civil and Geomatics Engineering Technology I	
CET 1123	Civil and Geomatics Engineering Technology II	
GEMT 2231	Survey Computations	
COMM 1101	Fundamentals of Oral Communication <sup>1</sup>	3
<b>Complete either this course:</b>		<b>5</b>
MATH 1147	Precalculus	
<b>OR these two courses:</b>		
MATH 1143	Precalculus I: Algebra <sup>2</sup>	
MATH 1144	Precalculus II: Trigonometry	
ENGL 1101	Writing and Rhetoric I <sup>2</sup>	3
or ENGL 1102	Writing and Rhetoric II	
<b>Total Credits</b>		<b>52-56</b>

<sup>1</sup> Contributes to a General Education requirement.

<sup>2</sup> "P" courses are equivalent to the original course.