

# A.A.S. Civil Engineering Technology

(2 Years)

## Program Admissions Requirements

There are no program admission requirements for the AAS in Civil Engineering Technology

## General Education

The listing below includes program requirements that also fulfill General Education requirements.

Code	Title	Credits
Objective 1		3
Objective 2		3
Objective 3 - MATH 1153		3
Objective 6- ECON 1100 or ECON 2201 or ECON 2202		3
Any unfilled objective- PHYS 1101		3
Total Credits		15

## Major Requirements

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 this course:</b>		<b>5</b>
MATH 1147	College Algebra and Trigonometry	
<b>OR these two courses:</b>		
MATH 1143	College Algebra	
MATH 1144	Trigonometry	
<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	

## Required General Education courses

ECON 1100	Economic Issues (Each of these 3 courses partially satisfies General Education Objective 6.)	3
or ECON 2201	Principles of Macroeconomics	
or ECON 2202	Principles of Microeconomics	
MATH 1153	Statistical Reasoning	3
PHYS 1101 & 1101L	Elements of Physics and Elements of Physics Laboratory	4
Total Credits		56-60

## Degree Totals

Code	Title	Credits
	Program Admission Requirements	0
	General Education	15
	Major Requirements	46-56
	Free Electives	0
Total Credits		61-71

ISU Degree Requirements (<http://coursecat.isu.edu/undergraduate/degree requirements/>)

ISU General Education for College of Technology (<http://coursecat.isu.edu/undergraduate/technology/#text>)

Major Academic Plan (MAP)