

# SURVEYING TECHNOLOGY (CERTIFICATE N0868)

Submit petition to Admissions Records	Submit petition to Admissions Records
Units	3
<b>Total Units</b>	<b>18</b>

**Natural Sciences  
N0868  
Skills Certificate**

The Surveying Technology Certificate provides students with introductory skills that lead to a career in Surveying Technology. There is a focus on the examination and documenting of an area's boundaries and features for the purposes of constructing a map, plan, or description. Students will complete substantial projects to develop a portfolio to aid in their career prospects. This certificate may aid in the student's search for an entry-level position as a surveying technician, computer aided drafting (CAD) technician, field technician or transfer into a surveying technology related program.

Course Prefix	Course Name	Units
ENGR 1	Introduction to Engineering	2
ENGR 18	Introduction to Engineering Graphics	3
ENGR 24	Engineering Graphics	4
MATH 150	Trigonometry	3
or MATH 160	Precalculus Mathematics	
or MATH 180	Calculus and Analytic Geometry	
SURV 1A	Surveying	3
SURV 1B	Surveying	3
<b>Total Units</b>		<b>18-19</b>

Please see the Mt. San Antonio College Engineering, Engineering Technology and Surveying Program Website (<https://www.mtsac.edu/engineering/>) for updated information on program courses, transfer help, extracurricular activities, faculty contact information and more.

**Program Learning Outcomes**

Review Student Learning Outcomes (SLOs) (<http://www.mtsac.edu/instruction/outcomes/sloinfo.html>)for this program.

Looking for guidance? A counselor can help. This Guided Pathways for Success (GPS) is a suggested sequence of coursework needed for program completion. It is not an official educational plan. Schedule an appointment (<https://esars2012.mtsac.edu/appointments/counseling/eSARS.asp?WCI=Init&WCE=Settings>) with a counselor or advisor as soon as possible to create an individualized Mountie Academic Plan (MAP) specific to your goals and needs.

Course	Title	Units
<b>Fall Term 1</b>		
ENGR 1	Introduction to Engineering	2
MATH 150	Trigonometry	3
ENGR 18	Introduction to Engineering Graphics	3
	Units	8
<b>Spring Term 1</b>		
SURV 1A	Surveying	3
ENGR 24	Engineering Graphics	4
	Units	7
<b>Fall Term 2</b>		
SURV 1B	Surveying	3

Certificate:Surveying Technology E0432<sup>2</sup>