

*(Chapter 4 – Degrees and Certificates)*

**CIVIL ENGINEERING TECHNOLOGY**

The surveying Certificate is designed to provide the formal theoretical and laboratory coursework necessary to prepare a person to take the State Land Surveyors Examination and the Land Surveyors-In-Training Examination.

Certificate will be awarded to those who satisfactorily complete the program below with a grade of "C" or above.

<b><u>CERTIFICATE OF SPECIALIZATION, LEVEL II</u></b>	<b>Units</b>
ENGR 018 Engineering Design and Graphics OR	
CADD 130 Fundamentals of AutoCAD	3.0
ENGR 060 Surveying	3.0
ENGR 061 Plane Surveying	3.0
ENGR 063 GIS for Civil Engineering and Surveying	3.0
CET 100* Applied Math for Land Surveying	1.0
CET 141 Boundary Control & Legal Principles	3.0
CET 142 California Coordinate System	1.0
CET 143 Photogrammetry	1.0
CET 145 Astronomy for Surveyors	1.0
CET 146 CAD for Civil Engineering, Surveying and Land Development	3.0
CET 147 Global Positioning System for Surveyors	3.0
CET 148 Maps, the Subdivision Map Act and the Land Surveyors Act	3.0
<b>TOTAL</b>	<b>28.0</b>

\*Students who have completed Math 22-Trigonometry, with a "C" grade or better, have met the requirement for CET 100. However, only 1.0 unit will be awarded for the certificate.