

2019-2020

Engineering and Design Technology

Certificate of Occupational Training

Faculty Advisor/Program Director

Student Name

Academic Advisor

575.624.7335

Telephone Number

Student ID Number

Date

Note * Prerequisite/s required: See list below

Fall Semester			Credit Hours	Grade	Semester
ENGR	101	Introduction to Engineering	3 hrs.		
ENGR	111	Technical Drawing	3 hrs.		
ENGR	135	Introduction to GIS	3 hrs.		
ENGR	211	Introduction to CAD – Mechanical	3 hrs.		
*ENGR	222	Plane Surveying	3 hrs.		
*ENGR	240	Commercial Architectural CAD	3 hrs.		
			18 hrs.		

Spring Semester			Credit Hours	Grade	Semester
ENGR	1110	Entrepreneurship	3 hrs.		
ENGR	212	Residential Architectural CAD	3 hrs.		
ENGR	213	Civil/Survey CAD	3 hrs.		
*ENGR	220	Building Structures	3 hrs.		
ENGR	230	3-D Parametric CAD	3 hrs.		
*ENGR	235	Advanced GIS	3 hrs.		
*ENGR	294	Engineering and Design Internship	3 hrs.		
			21 hrs.		

TOTAL HOURS REQUIRED FOR CERTIFICATE 39 hrs.

***Prerequisites:**

ENGR	222	Plane Surveying Prerequisite: MATH 105
ENGR	240	Commercial Architectural CAD Prerequisite: ENGR 211
ENGR	220	Building Structures Prerequisite: MATH 105
ENGR	235	Advanced GIS Prerequisite: ENGR 135
ENGR	294	Engineering and Design Internship Prerequisite: ENGR 240