

2021-2022

Engineering and Design Technology

Certificate of Occupational Training

Faculty Advisor/Program Director

Student Name

Academic Advisor

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	140	Introduction to Python in GIS Modeling	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
ENR	1110	Entrepreneurship	3 hrs.		
ENGR	212	Residential Architectural CAD	3 hrs.		
ENGR	213	Civil/Survey CAD	3 hrs.		
ENGR	285	Precise Digital Mapping	3 hrs.		
ENGR	292	Public Survey System Boundary	3 hrs.		
			15 hrs.		

TOTAL HOURS REQUIRED FOR CERTIFICATE			33 hrs.		
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***Prerequisites:**

ENGR 222 Plane Surveying

Prerequisite: MATH 105

ENGR 240 Commercial Architectural CAD

Prerequisite: ENGR 211