

# Engineering and Design

## Program

Engineering and Design

## Degree Type

Short Term Certificate

## Basic CAD Short Certificate

Item #	Title	Credits
DDT 104	BASIC COMPUTER AIDED DRAFTING	3
DDT 111	FUNDAMENTALS OF DRAFTING AND DESIGN TECHNOLOGY	3
ADM 202	INTRODUCTION TO TECHNOLOGY DESIGN	3
ADM 112	ORIENTATION TO ADDITIVE MANUFACTURING	1

## 3D Modeling Short Certificate

Item #	Title	Credits
DDT 127	INTERMEDIATE COMPUTER AIDED DRAFTING AND DESIGN	3
DDT 125	SURFACE DEVELOPMENT	3
DDT 233	INTERMEDIATE 3D MODELING	3
ENT 217	MACHINE DESIGN	3

## Reverse Engineering Short Certificate

Item #	Title	Credits
ADM 101	PRECISION MEASUREMENT	3
ADM 261	REVERSE ENGINEERING	3
DDT 238	SPECIAL TOPICS IN CAD	3
ENT 214	ADVANCED AUTOCAD CADD	3

## Additive Manufacturing Short Certificate

Item #	Title	Credits
ADM 160	ADDITIVE MANUFACTURING PRODUCTION TECHNIQUES	3
ADM 261	REVERSE ENGINEERING	3
ADM 162	ADDITIVE MANUFACTURING PROCESS	3
ADM 114	DESIGN INNOVATION	3

## Civil GIS Short Certificate

Item #	Title	Credits
DDT 133	Basic Surveying	3
DDT 212	INTERMEDIATE ARCHITECTURAL DRAFTING	3
DDT 132	ARCHITECTURAL DRAFTING	3

