



SolidWorks (CAD) Certificate - 18 credits

Program Area: Engineering CAD Technology (Fall 2021)

REMEMBER TO REGISTER EARLY

Program Description

This SolidWorks certificate prepares students for the SolidWorks (CSWA) or (CSWP-Weldments) Exam. This certificate is also intended/recommended for people who are already in a manufacturing related field or who have earned a certificate, diploma, or degree in a manufacturing related program of study.

SolidWorks software is the standard in 3D design and mechanical engineering at thousands of companies worldwide. Engineers, designers and CAD technicians create 3D models and 2D drawings ranging from individual parts to assemblies with thousands of parts

Program Outcomes

- Design products for manufacture using 2D and 3D standards
- Apply orthographic CAD design procedures to working drawings

Required Courses

Number	Name	Credits	Prerequisites
CADE 1450*	Mechanical Details	3	
CADE 1468	SolidWorks I	3	
CADE 1470	SolidWorks II	3	
INMG 1410	Mechanical Blueprint Reading	3	
Choose one from the following:			
CADE 2476	SolidWorks Design Project	3	
or	or		
MTCC 2504*	CAD CAM		
or			
WLDG 1500			

