



MATH, SCIENCE & ENGINEERING DIVISION
 BUILDING MS3
 ROOM SA-212
 (408) 270-6490

CENTER FOR STUDENT SUCCESS
 STUDENT SERVICES BUILDING
 ROOM SC-250
 (408) 270-6475

CERTIFICATE OF SPECIALIZATION

2018-2019

CADD, DIGITAL PROTOTYPING

Students will learn the fundamentals of digital prototyping using AutoCAD Mechanical, Creo and SolidWorks. A "C" grade or better is required in each course to be awarded the certificate.

Program Learning Outcomes:

- Demonstrate the fundamentals of digital prototyping using AutoCAD Mechanical, Creo and SolidWorks
- Demonstrate substantive job skills to be employable in industrial and mechanical engineering and design at an entry level

CADD	140A	Technical Graphics – Using CAD Tools	2.0
CADD	140B	Advanced Technical Graphics – Using CAD Tools	2.0
CADD	141	Design and Analysis Using Cre Parametric or SolidWorks	2.0
CADD	142	Geometrical Dimensioning and Tolerancing	2.0

One course from the following: 2.0

CADD	132	Using AutoCAD Mechanical
CADD	133	Fundamentals of Autodesk Inventor
CADD	139	Using SolidWorks

Total Units 10.0