# EARN A FREE CERTIFICATE FROM NORCO COLLEGE



# **Essential Fusion 360**

The Essential Fusion 360 program prepares makers with the knowledge and skill in using Fusion360 to document mechanical drawings per ANSI standards. Students learn to render parts and assemblies with exploded view animation. Also, students learn to build parts using additive and subtractive process through Fusion 360.

## Required Courses:

### DFT-862 Basic Fusion 360

Description: Introduces engineering and design students to 3D parametric solid modeling, including basic and intermediate parts, assemblies, and drawings. From their models, students produce CAD drawings to include orthographic, pictorial, section, and detail views. 117 hours lecture. (Pass/No Pass only.)

#### DFT-863 Advanced Basic Fusion 360

Provides theory and hands-on application of the design process, 3D modeling, prototyping, and manufacturing to students with prior modeling experience or coursework. Building upon drafting fundamentals, students develop skill in computer aided solid modeling, additive manufacturing, and conventional machining processes. 117 hours lecture. (Pass/No Pass only.)



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