

Mechanical Engineering Technology – Computer Aided Design Certificate for 2017/2018

Program Narrative:

The MET CAD certificate assists professionals who want to upgrade their skills and also prepares new students for entry-level jobs in the field of computer aided design. While completing the certificate, students gain proficiency with the most popular CAD software packages used in industry today, including AutoCAD, Inventor, SolidWorks and NX.

State the industry need/Demand of the program:

There is a strong demand for skilled CAD operators in the Cincinnati area. A recent survey of over 100 local employers shows that they all use one or more types of CAD in their operation. Modern design and manufacturing in Cincinnati (and nationwide) relies on the use of computer aided design and this has increased the demand for CAD experts. Different types of industries use different software so many organizations look for designers that are skilled at using a variety of CAD packages to satisfy the needs of their different customers and suppliers.

Support Information:

- Will support needs of industry for skilled CAD technicians
- Provides short-term credentials for students – especially for those with academic or financial limitations
- Will provide students in the MET program with documentation of their success half way through their degree program
- Build the resume of students looking for co-op employment
- Will provide certification for people already employed in the field
- Bring in new students and encourage them to complete the MET degree after completing the CAD certificate
- Uses already existing courses, software and lab equipment.