

COMPUTER AIDED DESIGN - MECHANICAL - CERTIFICATE OF ACHIEVEMENT

Plan Code: 3907

This program will prepare students for an entry-level position as a Computer Aided Design (CAD) technician and or mechanical drafter/ technician trainee in a variety of professional design settings and will serve as a foundation for specialization.

Program Student Learning Outcomes

- Construct engineering detail and working drawings incorporating tolerances and fits for manufacturing.

Program Requirements

Code Number	Course Title	Units
REQUIRED COURSES		
ETEC 10	Introduction to Engineering Technology	2
CAD 1	Intro Computer Aided Design SolidWorks	3
CAD 2	Intro to Computer Aided Design AutoCAD	3
CAD 3	Intro to Computer Aided Design CATIA	3
CAD 4	Geometric Dimensioning and Tolerancing	3
CAD 5	Intro to CAD/CAM MasterCAM	3
CAD 6	Computer Aided Design Advanced	3
Total Units		20