



Applied Engineering Drawing and CAD Skill Set

State ID: GAA29

About this course

This skill set is part of the MEM50212 Diploma of Engineering - Technical, a nationally recognised qualification.

You will gain experience in producing industry standard 2D and 3D Engineering Drawings and gain a working knowledge of appropriate standards while learning Autodesk's AutoCAD drafting system. Learn how to produce fully parametric 3D models and assemblies using Autodesk's Inventor software.

This course requires approximately 6 to 8 hours a week online study using our a Blackboard Learning Management System coupled with an additional 3 hours a week expected attendance at campus for workshops.

This course is aimed at those who may be interested in gaining the necessary skills needed for entry into an Engineering career, that are looking at upskilling in their current position or from post trade, prospective entrepreneurs, that are looking at gaining formal qualification or those that would just like to learn how to use the software for their own personal projects.

- MEM09002B Interpreting Technical Drawings
- MEM30031A Operate computer-aided design (CAD) system to produce basic drawing elements
- MEM30032A Produce basic engineering drawings
- MEM09204A Produce basic engineering detail drawings
- MEM30033A Use computer-aided design (CAD) system to create and display 3-D models

Upcoming dates:

- Commencing April, Term 2, 2020
- Commencing July, Term 3, 2020
 - Every Thursday 5pm - 8pm from 23 July to 10 December 2020

Course cost:

non concession- \$1778.72

Please note, the allocated three hours per week is only for the workshop and lectures and the remaining study has to be done using our LMS system i.e. Blackboard. Blackboard is where lecturers will populate their learning content, assignments and lesson plans. It is an expectation that students spend 6 to 8 hours of study time every week outside class hours/skillset.

Overview

This course may be offered with a blended, flexible delivery model to enable social distancing measures to be undertaken during the COVID-19 pandemic. This approach may include a mix of online and classroom based delivery, as well as practical and work experience placements. Lecturers will provide any specific instructions if your training delivery style needs to change.