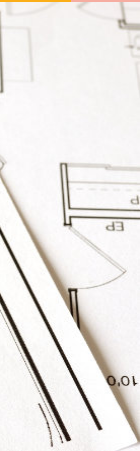




Australian Institute
of Advanced Studies



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MSA30208 - Certificate III in Manufacturing Technology

Get technical at the

AIAS School of Engineering

All facets of modern society are affected by **the work of engineers**, from satellites, aircraft, drones, 3D printing, mobile technology and renewable energy right down to Polaroid glasses, Velcro and the common clothes peg. Engineers will be vital in the fight to clean up polluted water supplies and develop strategies to deal with climate change.



MSA30208

Certificate III in Manufacturing Technology - CAD/Drafting



On completion of this course you have the opportunity to be a part of the world of engineering. As a CAD drafts person you could be 3D modelling and detailing car parts, airplane components, architectural designs, landscapes, bridges and the engineering marvels of the future.

This course is aimed at providing aspiring para-professional engineers with the skills and knowledge to make a valuable contribution.

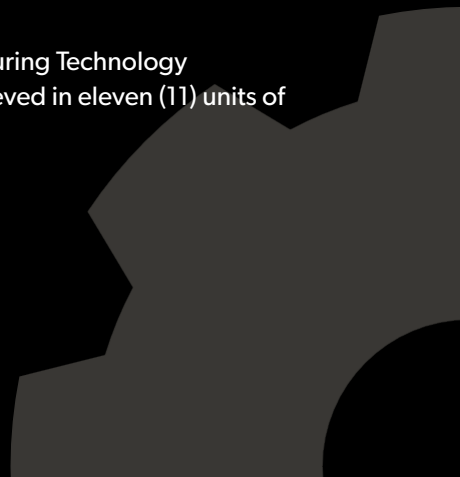


Pathways & Further Study

Ten (10) of the units in this course also count towards the Diploma and Advanced Diploma of Engineering with full credit to corresponding MEM competency codes.

Course Requirements

To be awarded a Certificate III in Manufacturing Technology - Cad/Drafting, competency must be achieved in eleven (11) units of competency.



Course Overview



Good to know

On campus/mixed

Subsidies available



Course start dates

JULY

FEBRUARY



Commitment

FT: 6 months | PT: Variable

FT: 20hrs – 3d p/w

Programs learned:



Autodesk



Autodesk
Autocad



Autodesk
Inventor

Core Units

MEM30012A APPLY MATHEMATICAL TECHNIQUES IN A MANUFACTURING, ENGINEERING OR RELATED ENVIRONMENT

MSS402051A APPLY QUALITY STANDARDS

MSAENV272B PARTICIPATE IN ENVIRONMENTALLY SUSTAINABLE WORK PRACTICES

Elective Units

MEM12024A PERFORM COMPUTATIONS

MEM16006A ORGANISE AND COMMUNICATE INFORMATION

Elective Units

MEM16008A INTERACT WITH COMPUTER TECHNOLOGY

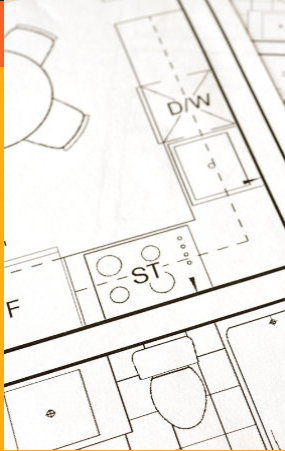
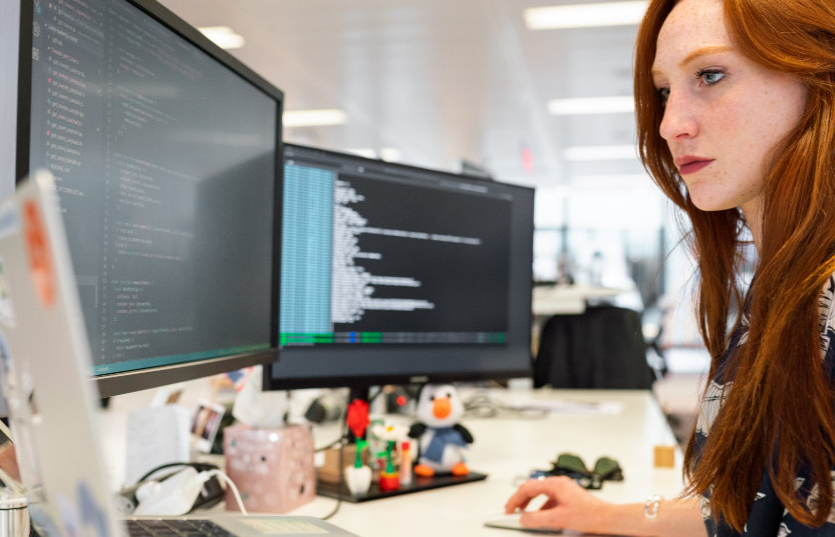
MEM30031A OPERATE COMPUTER AIDED DESIGN (CAD) SYSTEMS TO PRODUCE BASIC DRAWING ELEMENTS

MEM30032A PRODUCE BASIC ENGINEERING DRAWINGS

MEM30033A USE COMPUTER AIDED DESIGN (CAD) TO CREATE AND DISPLAY 3-D MODELS

MEM09002B INTERPRET TECHNICAL DRAWINGS

MEM30006A CALCULATE STRESSES IN SIMPLE STRUCTURES



At the AIAS School of Engineering, you can study this fantastic course:



MSA30208 Certificate III in Manufacturing Technology



MEM40412 Certificate IV in Engineering Drafting



MEM50212 Diploma of Engineering - Technical



MEM60112 Advanced Diploma of Engineering

To learn more, email info@aias.edu.au
or call **+61 7 3343 8073** and you can visit
us online at www.aias.edu.au