

MEM20422

CERTIFICATE II IN ENGINEERING PATHWAYS

COURSE STRUCTURE

Runs across 2 semesters
Starts Week 2, Term 1
Held 1 day a week – exact day to be confirmed
In person at Hamilton Secondary College

DETAILS

@ Hamilton Secondary College
(RTO Code: 0561)
🕒 Time: 8:30am – 4:00pm
📍 Location: 815 Marion Road, Mitchell Park
🎓 SACE Credits: 60
📅 Delivery: Face-to-face, 1 day/week (35 weeks)
💰 Fee: \$200



HAMILTON
SECONDARY COLLEGE
RTO: 0561

COURSE DESCRIPTION

This hands-on course helps you build the skills needed for jobs in engineering, space, defence, and advanced manufacturing.

You will:

- Learn practical skills in the workshop
- Design and build space-related vehicles
- Visit industry workplaces
- Use advanced tools and machines

Perfect for students interested in a future working with machines, tools, or in the exciting world of space technology.

UNITS OF COMPETENCY

Core units

MEM13015 Work safely and effectively in manufacturing and engineering
MEMPE005 Develop a career plan for the engineering and manufacturing industries
MSMENV272 Participate in environmentally sustainable work practices
MEMPE006 Undertake a basic engineering project

Elective units

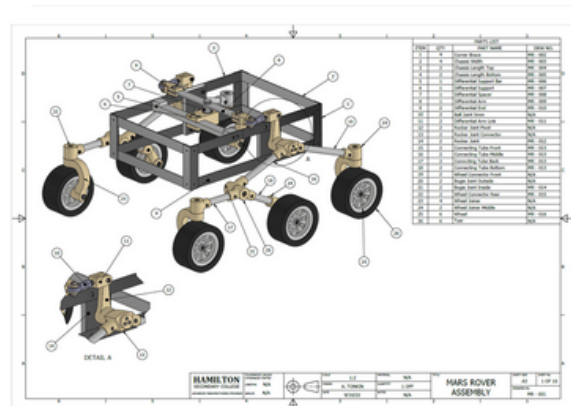
MEM16006 Organise and communicate information
MEM16008 Interact with computing technology
MEM18001 Use hand tools
MEM18002 Use power tools/handheld operations
MEMPE004 Use fabrication equipment
MEMPE007 Pull apart and re-assemble engineering mechanisms
MEMPE001 Use engineering workshop machines
MEMPE002 Use electric welding machines

REQUIREMENTS

Students should have a genuine interest in developing skills and knowledge related to working in the space, defence and advanced manufacturing industries.

As a part of the application students will need to attend an interview. This is their chance to ask questions and demonstrate their interest, enthusiasm and potential to successfully complete the course.

An SRNI (Snapshot Reading and Numeracy Indicator) and/or CSPA (Literacy and Numeracy Comprehensive Assessment) test will be administered to confirm suitability



PATHWAYS

Further Education Pathways

VET & Apprenticeships Cert III/IV in Engineering (various trades), Aero skills certificates
University Degrees Associate or Bachelor's in Engineering (Mechanical, Mechatronic, etc.)

Career Pathways

Apprentice Engineer, Tradesperson, Production Worker, Maintenance Assistant
Specialised Trades Fitter, Welder,

This course is delivered through the VET for School Students (VFSS) funding scheme. Participant Eligibility Criteria apply. An additional fee will apply to this course as listed. Accessing this course may have future impacts on government funding. Supported by Government of South Australia.



Contact Us

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🌐 Visit: www.hamcoll.sa.edu.au

