

VET COURSE INFORMATION FOR STUDENTS

ST JAMES COLLEGE - RTO: 30526

MEM20413 – CERTIFICATE II IN ENGINEERING (PATHWAYS)

QUALIFICATION DESCRIPTION: This qualification applies to a learning and assessment environment where access to structured on-the-job learning in a workplace may not be available. This qualification is only for delivery in learning institutions. This qualification will equip graduates with knowledge and skills which will enhance their prospects of employment in an engineering or related working environment.

FUTURE PATHWAYS: This qualification delivers broad-based underpinning skills and knowledge in a range of engineering and manufacturing tasks which will enhance the graduates' entry-level employment prospects for apprenticeships, traineeships or general employment in an engineering-related workplace.

The minimum requirements for achievement of the Certificate II in Engineering Pathways are completion of a minimum of twelve (12) units of competency. If the student does not successfully achieve competency in all twelve (12) units the student will be awarded a Statement of Attainment listing only the competencies achieved.

All of the core units of competency listed below

A minimum of seven (7) Group A electives

A maximum of one (1) Group B elective.

Core Units of Competency

MEM13014A	Apply principles of occupational health and safety in the work environment
MEMPE005A	Develop a career plan for the engineering and manufacturing industry
MEMPE006A	Undertake a basic engineering project
MSAENV272B	Participate in environmentally sustainable work practices

Group A electives

MEM16006A	Organise and communicate information
MEM16008A	Interact with computing technology
MEM18001C	Use hand tools
MEM18002B	Use power tools/hand held operations
MEMPE001A	Use engineering workshop machines

VET COURSE INFORMATION FOR STUDENTS

ST JAMES COLLEGE - RTO: 30526

MEMPE002A	Use electric welding machines
MEMPE003A	Use oxy-acetylene and soldering equipment

Group B elective

MSAPMSUP106A	Work in a team
--------------	----------------

ESTIMATED DURATION: Two (2) academic years (11 & 12)

TRAINING/ASSESSMENT LOCATION: St James College, 201 Boundary St, Brisbane

MODE OF DELIVERY: A combination of the following may apply:

- Face to face in a simulated workplace environment for required performance and knowledge evidence
- Work experience at a worksite – third party report
- Online for some components of training for knowledge evidence
- In a classroom for some components of training for knowledge evidence

RELATED SUPPORT SERVICES: Students may negotiate support in addition to scheduled hours, to develop the required skills and knowledge

WORK PLACEMENT ARRANGEMENTS: Work Placement may be required to meet the requirements of the course. This may occur outside school hours, weekends and/or school holiday periods. **A work placement opportunity will only be offered in recognition of completed course work and satisfactory course attendance.**

OBLIGATIONS TO STUDENTS: The College will be responsible for the quality of training and assessment and the issuance of Certification

ENTRY REQUIREMENTS/PRE-REQUISITES: Successful application for USI and provision of this number to VET Department. Students who enrol after the Certificate start date (commencement of Year 11) may only be able to negotiate a package of competencies leading to a Statement of Attainment. They may not be able to achieve the Certificate qualification. There are currently no pre-requisites for this course.

STUDENT OBLIGATIONS: This includes any materials or equipment required. For example, fully enclosed leather upper shoes, sportswear, earphones, PPE, internet access at home.

STUDENT REQUIREMENTS TO COMPLETE COURSE: As detailed in the student agreement form

RTO COMPLAINTS & APPEALS PROCESS: Access to Complaint and Appeals Process via [St James College website](#)

File location: MEM20413-Cert II in Engineering student info Jan17.docx
Version date: 25/01/2017
Ownership: St James College

Review date: 25/01/2018
Approved: Anthony Hill - VET Manager

VET COURSE INFORMATION FOR STUDENTS

ST JAMES COLLEGE - RTO: 30526

RECOGNITION OF PRIOR LEARNING (RPL): Recognition of Prior Learning (RPL) Process via [St James College website](#)

ASSESSMENT: Competency based assessment that requires students to demonstrate knowledge and skill acquisition and application to the standard of performance required in the workplace. This may include: questioning, observation, practical tasks, third party reports and online training

FEE INFORMATION: No cost to student

File location: MEM20413-Cert II in Engineering student info Jan17.docx
Version date: 25/01/2017
Ownership: St James College

Review date: 25/01/2018
Approved: Anthony Hill - VET Manager