

EESC enables students to develop valuable skills and qualifications that are marketable in the local community and gain experience in an authentic workplace learning environment. EESC maximises the potential of securing a career in the engineering and manufacturing trades.

Located on-site at NRG Gladstone Power Station, the award winning EESC program offers a unique industrial 'real work' environment for year 11 and 12 students who want to pursue a career in the engineering and manufacturing trades. EESC boasts a well-equipped workshop that provides a learning environment closely mirroring industry expectations, ethics and safety standards. Students remain enrolled at their base school and attend 1 day at EESC alternating weekly with 1 day structured work placement with a host employer, and 4 days at their regular school to complete academic studies.

Build your career

Students develop their trade skills on industrial machinery, work towards completion of certificate competencies and gain 'work ready' skills that are highly sought after by employers.

Pathway to engineering and manufacturing



MEM20413 Certificate II in Engineering Pathways

This qualification to provide an industry recognised skills profile related to production work in the engineering and manufacturing trades.

Career pathways may include: Fitter and Turner, Mechanical Fitter, Diesel Fitter, Boilermaker, Plumber, Electrician.

Assessment techniques include practical tasks (projects); objective and short answer tests; and safe working practices observed.

Develop valuable employability skills

Structured Work Placement

The EESC partners with local business and industry to offer students fortnightly structured work placement throughout the year, in their vocation of interest.

Our host partners include: GPC, NRG, Rio Tinto, GAWB, GRC, Smit Lamnalco, Ergon Energy, Cement Australia, Monadelphous, Komatsu, CQ Diesel, WALZ and others.

Students participate in the EQIP Career Development Program designed to better prepare students for recruitment and selection, future employers and the workforce in general.

Career Development Program

- Communication
- Planning and organising
- Initiative
- Teamwork
- Problem Solving
- Time Management
- Work and Learn Independently
- Safety Awareness (*Toolbox Talks, Take 5's, JSAs*)
- Resume Support
- Mock Interviews

Eligibility



Students commencing year 11 at GSHS, TSHS or TSSHs.

Location



NRG Gladstone Power Station

Duration



2 year program
1 day per week (rotating between program & work experience)

Enrolment



Applications for the next year's program will open in Term 3

Nationally Recognised Qualification	YES
OP/ATAR eligible	YES
VET qualifications	YES
QCE eligible	YES



MEM20413: Certificate II in Engineering Pathways

RTO NUMBER 40939

Students will receive a Statement of Attainment or a Certificate showing their level of competency.

Unit #	Course competency
Core units:	
MEM13014A	Apply principles of OH&S in a 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
Elective units:	
MEM18001C	Use hand tools
MEM18002B	Use power tools / hand held operations
MEMPE003A	Use oxy acetylene and soldering equipment
MEM16006A	Organise and communicate information
MSMPCI101	Adapt to work in industry
MEMPE001A	Use engineering workshop machines
MEMPE001A	Use electric welding machines
MEMPE007	Pull apart and re-assemble engineering mechanisms



Recognition of Prior Learning (RPL):

Successfully completed units of competency may be recognised using the national standard for Mutual Recognition or through Recognition of Prior Learning (RPL). Documentary evidence will be requested.

Application and Selection Process

EQIP undertake a rigorous and consistent recruitment and selection process to ensure that our students are the best fit for the program. When submitting an application form, please attach a current student resume, teacher references and the latest semester report card. In-person interviews will be required for short-listed applicants. While it is recommended that students have a pass in Year 10 Maths and English, other factors are taken into account such as behaviour, effort and completion of work experience. A maximum of 30 positions are available for each annual intake, offers will be made in Term 4 of the current school year for the next year intake. Application forms will be available for collection from Senior Schooling Office.

A Construction Induction Industry White Card is required. Students must also have reliable transport to/from NRG and work experience each week.

Costs

A Student levy fee of \$450 is applicable for Year 1 of the program, and \$380 for Year 2.

These fees include: Course materials, provision of a high visibility uniform shirt, PPE including safety glasses, hardhat and a personal welding mask, Work Experience, Career Development and individual support.

Student levies are reviewed on an annual basis to ensure that the fees are reasonable and can recover a portion of the costs that are incurred through delivery of EQIP Programs on campus or off-site at our specialised learning facilities. Refer to the EQIP website for the EQIP Fees and Payment Policy for course fees and enrolment conditions.

Subjects:

Due to duplication of learning, this course is unable to be studied in additional to a school-based Engineering Skills subject. Students selecting this s part of SET Planning will need to drop this subject if accepted into the EESC Program.

Program Curriculum and VET Qualifications

Vocational Education and Training in Schools (VETiS) focuses on delivering qualifications to provide students with the skills and knowledge required for specific industries. The VET investment budget provides funding for ONE (1) qualification (fee-free) in a skills shortage area for students enrolled in schools. If the qualification is NOT listed on the Queensland Training Subsidies list students are required to pay full fees (fee-for-service). EQIP reserves the right to change program certificates and pathways to ensure alignment to available Vocational Education Training in Schools (VETiS) funded options and local business and industry employment needs.

