



TAFE Queensland Engineering & Mining programs

- provide specialised training services for coal mining, metalliferous mining, processing extractive operations and drilling operations
- are developed in conjunction with industry employers to ensure graduates are skilled in the use of the latest sophisticated equipment and information technology
- provide practical instruction in professional working environments.

Employers lining up to take on TAFE pre-vocational graduates...

“Employers are lining up to take on TAFE pre-vocational graduates as apprentices because they know they will be getting work-ready employees with the skills needed to succeed in the job.

“With skills shortages affecting many industries, there are huge opportunities for people to develop lasting careers in areas like metal fabrication and engineering.”

– Tom Barton, Employment, Training and Industrial Relations Minister

Interested?

For more information on TAFE Queensland products and services, visit www.tafe.qld.gov.au

or call the TAFE information line on **1300 30 8233**

**engineering
mining**

CAD operators

Coal miners

Data communication technicians

Designers

Electrical technicians

Electricians

Electronics technicians

Engineering technicians

Fitter and turners

Instrument makers

Metal fabricators

Miners

Refrigeration and air conditioning technicians

- CAD operators
- Coal miners
- Data communication technicians
- Designers
- Electrical technicians
- Electricians
- Electronics technicians
- Engineering technicians
- Fitter and turners
- Instrument makers
- Metal fabricators
- Miners
- Refrigeration and air conditioning technicians

Hot jobs

Best Opportunities* (jobs with current skill shortages)

- Civil engineer
- Electrical
- Electrical powerline trades
- Electrician
- Electronic equipment trades
- Electronic instrument trades
- Engineering
- Metal fabricator
- Metal fitter
- Metal machinist
- Refrigeration and air conditioning mechanic
- Sheetmetal worker
- Toolmaker
- Welder

*Source: National and State Skill Shortage List Australia - 2004

TAFE student chosen as Australian representative...

Jared Boyle Apprenticeship
Certificate III in Electrotechnology
Central Queensland Institute of TAFE

- Winner of Gold medal in the Electrical Control Systems category, WorldSkills 2004. Jared's win showcased the dexterity and skills he developed through TAFE training
- Australian representative at 38th International WorldSkills Competition in Finland.



“An apprenticeship is a great way to learn, it gives you a hands-on approach to work. Through TAFE I got practical experience, as well as

the theoretical aspects – everything needed in the trade.”

– Jared Boyle

Get a head start with a pre-vocational program...

Carl Parker Pre-Vocational Metal Fabrication program
Tropical North Institute of TAFE

Carl left school after Year 10 with few prospects for employment. He enrolled in an eight-month TAFE Pre-Vocational Metal Fabrication program, giving him the training, skills and knowledge needed to get a head start in an apprenticeship.

Carl undertook work experience with Cairns Steel Fabricators and was offered a position as apprentice boilermaker (metal fabrication).

Now? Carl has completed his apprenticeship and moved into the Detail Drafting section.

“TAFE programs cover what you need to know in industry – what you do at TAFE is what you are in for in the workplace. From here I can potentially move into any number of careers including drafting, engineering and architecture.”

– Carl Parker



Building Mustang Cruisers...

Erin Muller
Certificate III in Engineering
(marine craft construction)
Gold Coast Institute of TAFE

Building the gunwales, putting the pieces together, finishing, polishing – this is what Erin has always wanted to do: build boats. Her biggest buzz is taking one of the Mustang Cruisers she helped build for a test drive.



“I plan to finish my apprenticeship and then learn the advanced techniques of boatbuilding. Hopefully this will then take me around the world. Australian boats have a good reputation and an Australian boatbuilder should not have much trouble finding work overseas.”

– Erin Muller

“Everyone thinks it's difficult for women to get into areas like mining – it isn't. Most of the men I work with are supportive. Don't be afraid – if you're interested, you can do it.”

– Rebecca Farley



Opening doors to non traditional careers...

Rebecca Farley
Certificate II in Coal Operations
Central Queensland Institute of TAFE

- 2004 Coal Trainee of the Year, Queensland Mining Industry Training Advisory Body

Rebecca was initially enrolled in a school based traineeship at a child care centre. She didn't complete this though as she was offered a traineeship with Goonyella Riverside mine.

Now? After completing her traineeship, Rebecca was offered a permanent position as a Shotfirer at the mine.

Gain two qualifications in the time it takes to get one...

Mark Morris Dual Qualification
Advanced Diploma Civil Engineering - Southbank Institute of TAFE /
Bachelor of Technology (Civil) - Queensland University of Technology (QUT)

By completing the Advanced Diploma in Civil Engineering at TAFE, Mark will get immediate entry into the third year of a Bachelor of Technology (Civil Engineering) at QUT.

Now? Mark will gain two qualifications in three years as opposed to four years to gain a Bachelor of Engineering at university.

“This extra experience will give me a distinct advantage over other graduates when I enter into the workforce. I find that the lecturers at TAFE are focussed on ensuring we are taught skills that are relevant to what's happening in the workforce.”

– Mark Morris



your pathway to Greater possibilities