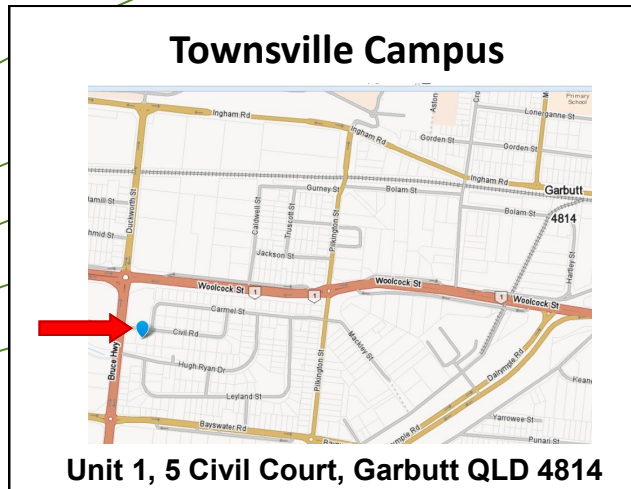
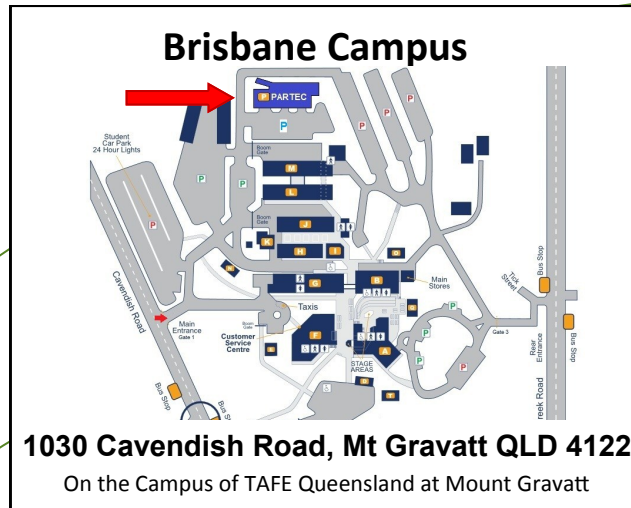


→ Important features of the Queensland Apprenticeship for Composites Technician



(Plastics and Rubber Technical Education Centre)

- + This trade apprenticeship was approved by the State Government in February 2000.
- + It is a 3 year Apprenticeship, but experienced students can take a "fast-track" program.
- + If the apprentice already has some skills in the industry, the PARTEC Institute can assess these, so that Apprenticeship time is reduced.
- + PARTEC can assist employers with Trade Recognition applications, or requests to the State Government to vary the required tradesman to apprentice ratio because it is a new trade.
- + The cost of the Apprenticeship training by PARTEC is subsidised by the State Government through the User Choice Program. There is an annual tuition fee which the State Government requires to be paid to PARTEC for the balance of the cost. (This is between \$350 and \$450 per year at current rates). Method of payment is negotiable.



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"Queensland Government Subsidy" means subsidy from the Department of Education and Training.



Composites Technician Apprenticeship



Composites Technician



Stage 1

Basic Trade Skills

- + Mould Preparation for Production
- + Hand and Power Tools
- + Lay-up Techniques (basic)

Stage 2

Intermediate Trade Skills

- + Lay-up Techniques (advanced)
- + Plug and Pattern Making
- + Mould Making
- + Spray-up Techniques
- + Paint Finishing and Fairing

Stage 3

Trade Skills

- + Structural Repairs
- + Resin Transfer and Infusion Processes
- + Vacuum Bagging and Pre-preg Techniques
- + Operate 2D and 3D CNC Routers

Essential Workplace Knowledge and Skills

- + Workplace Communication and Standard Procedures
- + Occupational Health and Safety
- + Quality Principles and Concepts

- + Workplace Environmental Regulations
- + Workplace Production Records
- + Drawing Interpretation (CAD)

Specialisations Post-Trade (Level 4)

- + Mining and Chemical Processing Equipment
- + Marine Composites
- + Composites in Civil Construction