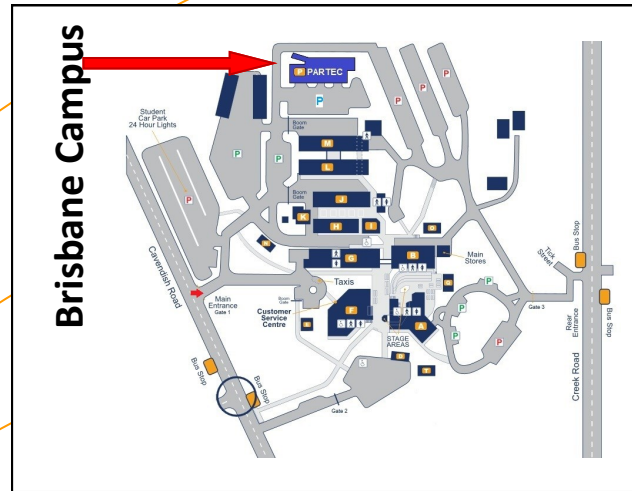


# → Important features of the Queensland Apprenticeship.



(Plastics and Rubber Technical Education Centre)

- + This is a metals industry-based qualification which is specially customised.
- + Certificate III in Engineering, (Maintenance) from the Nationally endorsed training package will be awarded on successful completion.
- + Existing workers without a Trade Qualification and of any age may also be eligible for this Apprenticeship (conditions apply).
- + Apprentices attend PARTEC for an average of six one week blocks per Stage.
- + Training at 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 by the Apprentice for the balance of the cost. (This is between \$450 and \$550 per year at current rates).



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Want more information?

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



# Mechanical Equipment Maintenance Apprenticeship



# Mechanical Equipment Maintenance Apprenticeship



## Stage 1

### Basic Trade Skills

- + Basic Metrology
- + Lathe Operations (Manual)
- + Milling Operations (Manual)
- + Grinding Operations (Manual)
- + Interpretation of Technical Drawings
- + Introduction to CAD & CAM (CNC)

### Essential Workplace Knowledge and Skills

- + Communication
- + Working in a Team
- + Hand Power Tools
- + Occupational Health and Safety
- + Mentoring and Training Apprentices

## Stage 2

### Intermediate Trade Skills

- + Lathe Operations (Advanced)
- + Milling Operations (CNC)
- + Drawing on Screen (CAD)
- + EDM Machining
- + Job Management for CAM Work

- + Task Planning
- + Mechanical Trade Maths
- + Planning and Estimating (Quotes)
- + Quality Control (QC)

## Stage 3

### Trade Skills

- + Machining and Assembly
- + Heat Treatment Theory
- + New and Emerging Technologies
- + Advanced CNC Systems
- + Machine Maintenance

### Industry Applications

- + **Food and Processing industry**
- + **Pharmaceutical manufacturing**
- + **Metal Fabrication**
- + **Press-tools maintenance**