

Queensland Minerals and Energy Academy Student Training Pathways

OPERATOR*

Training and employment in roles such as mobile equipment operator, process plant operator and trade assistant.

TRADE*

Certificate III trade qualifications in minerals and energy related trades

TECHNICAL*

Commencement of Diploma level qualifications in Years 11-12 leading to continued employment as trainee or continued study at professional level.

PROFESSIONAL*

Entry into university to complete a degree in minerals and energy related fields.

YEAR 10 -

RIII10109 Certificate I Resources and Infrastructure Operations (RIO)

YEAR 11 -

RIII20109 Certificate II Resources and Infrastructure Work Preparation (RIWP)
QSMART

YEAR 12 -

RII30809 Certificate III in Civil Construction Plant Operations (partial completion)
QSMART Subject

POST YEAR 12 -

RII30809 Certificate III in Civil Construction Plant Operations (completion)

Tickets/licences at 18 years

YEAR 10 -

RIII10109 Certificate I Resource and Infrastructure Operations (RIO)
RII20109 Certificate II Resource and Infrastructure Work Preparation (RIWP)

YEAR 11 -

Apprenticeship Aptitude Test Training Program (AATTP) for various trade/traineeships eg:

- Mechanical
- Electrical
- Environmental
- Business
- QSMART Subject

YEAR 12 -

- Continuation of above
- Either complete at end Year 12; or
- Apprenticeship Aptitude Test Training Program (AATTP)

POST YEAR 12 -

Continue with trade/traineeship as employee

YEAR 10 -

Prerequisite subjects as per qualification

YEAR 11 -

Diploma Level Traineeship
Commenced as School-based Trainee(SAT)
Diploma of Engineering (CAD)
QSMART Subject

YEAR 12 -

Continue of Diploma SAT program

POST YEAR 12 -

Option One - Complete Diploma qualification as trainee/employee

Option Two - Cease Diploma and continue to university and degree pathway

YEAR 10 -

Subject Selection - Need to consider

- Maths C
- Engineering Technology
- Physics
- Chemistry

Participation in QMEA tours, excursions and workshops.

YEAR 11 - 12

- University tours
- Enrichment programs with university
- Engineering camps - Xstrata, BMA, CSG (Origin, OGC, Santos)

POST YEAR 12 -

- Commence Degree pathway
- Link to scholarships (QRC)
- Link to Vac work with sponsors