

CAREER PATHWAYS FOR THE MINERAL RESOURCES SECTOR

ENTRY LEVEL

- Pre-employment Program
- Skill Set
- Certificate II (FIP)
- Work Experience
- Undergraduate or Graduate

OPERATOR

- Pre-employment Program
- Skill Set
- On job training

TRADE

- Trade Apprenticeship
- Certificate III or IV
- On job Training
- Occupational License

PROFESSIONAL

- Certificate IV, Degree or Post Graduate
- On job experience
- Ongoing professional development
- Professional registration

- Traineeship
- Apprenticeship
- Field Assistant
- Labourer
- Vacation Student Placement
- Graduate Program

- Mobile Plant Operator
- Driller
- Production Operator
- Drill and Blast Operator
- Sample Collector
- Lab Assistant/Technician

- Auto Electrician
- Diesel Mechanic
- Mechanical Fitter
- Electrician
- Driller
- Civil Plant Operator
- Senior Operator / Supervisor
- Pipe Fitter
- Boilermaker / Welder

- Engineer:
 - Mechanical
 - Electrical
 - Mining
 - Process
 - Reliability
 - Project
 - Geotechnical
 - Chemical
- Metallurgist
- Geologist
- Surveyor
- Health & Safety Advisor
- Data Analyst
- Stakeholder Engagement
- Mine Manager
- Environmental Advisor

ENTRY CAPABILITIES

- Licence / Transport
- Fit for work
- Use tools and equipment
- Work in a team
- Communicate effectively
- Follows instructions
- Literacy for work activities
- Able to carry out work related calculations
- Follow work, health and safety procedures
- Identify and respond to risks in accordance with work procedures

ATTRIBUTES

We look for people who:

- Accept responsibility for self, actions & work quality
- Demonstrate initiative
- Are willing and ready to learn
- Show respect for self, others & the workplace

FLEXIBLE INDUSTRY PATHWAYS (FIP)

Certificate II in Resources and Infrastructure Operations
Pre-trade: Engineering, Automotive, Electrical, Civil, Construction

OCCUPATIONS AND RELATED SACE PATHWAYS



MATHEMATICS



PHYSICS



CHEMISTRY



**DESIGN
TECHNOLOGY**



**EARTH &
ENV. SCIENCE**



BIOLOGY



**DIGITAL
TECHNOLOGY**



**BUSINESS
INNOVATION**



**SOCIETY &
CULTURE**



**HEALTH &
PHYSICAL
EDUCATION**



ENGLISH



TOURISM



**OUTDOOR
EDUCATION**

OCCUPATIONS

		MATHEMATICS	PHYSICS	CHEMISTRY	DESIGN TECHNOLOGY	EARTH & ENV. SCIENCE	BIOLOGY	DIGITAL TECHNOLOGY	BUSINESS INNOVATION	SOCIETY & CULTURE	HEALTH & PHYSICAL EDUCATION	ENGLISH	TOURISM	OUTDOOR EDUCATION
ENTRY	Traineeship	●			●			●				●		
	Apprenticeship	●			●			●				●		
	Field Assistant	●		●		●	●					●		
	Labourer	●						●				●		
	Vacation Student	●	●	●	●	●	●	●	●	●		●		
	Graduate Program	●	●	●	●	●	●	●	●	●		●		
OPERATOR	Mobile Plant Operator	●						●			●	●		
	Driller	●						●			●	●		
	Production Operator	●		●				●			●	●		
	Drill and Blast Operator	●						●			●	●		
	Sample Collector	●		●		●	●	●				●		
	Lab Assistant/Technician	●		●		●	●	●				●		
TRADE	Auto Electrician	●	●		●			●			●	●		
	Diesel Mechanic	●			●			●			●	●		
	Mechanical Fitter	●			●			●			●	●		
	Electrician	●	●		●			●			●	●		
	Driller	●			●			●			●	●		
	Civil Plant Operator	●			●			●			●	●		
	Senior Operator / Supervisor	●			●			●			●	●		
	Pipe Fitter	●			●			●			●	●		
	Boilermaker / Welder	●			●			●			●	●		
PROFESSIONAL	Engineer	●	●	●	●	●		●	●			●		
	Metallurgist	●	●	●	●			●				●		
	Geologist	●				●	●	●				●		
	Surveyor	●				●		●				●		
	Health & Safety Advisor	●			●					●		●	●	●
	Data Analyst	●			●	●		●				●		
	Stakeholder Engagement	●				●			●	●		●	●	●
	Mine Manager	●		●				●				●		
	Environmental Advisor	●		●		●	●	●	●	●		●		●