

Enrolment course structure

Course code: EQ4

Course name: Graduate Diploma of Mining

Locations: Mt Helen, Online

First year

Semester 1

Unit code	Unit name	Unit rules
ENGIN 1002	Engineering Physics	EX: ENCOR1021 and ENCOR2100 and GPENG1002
ENGIN 2501	Mine Power and Services Technology	EX: ENMIN5100, ETMIN2260
ENGIN 3502	Subsurface Environmental Engineering	EX: ENMIN53050, ENMIN5023
MATHS 1001	Modelling and Change (Introductory Level)	

Semester 2

ENGIN 2503	Rock Mechanics Applications	EX: ENMIN3040 or ENMIN5160
ENGIN 3503	Surface Mining Operations and Equipment	EX: ENMIN3070 or ENMIN5018
MATHS 1102	Linear Algebra and Applications	EX: MATHS1005
SCGEO 1103	Planet Earth	

Second year

Semester 1

Unit code	Unit name	Unit rules
ENGIN 5505	Mine Planning and Scheduling	EX: ENMIN4090 or ENMIN7010
ENGIN 5511	Mine Surveying	EX: ENMIN5021
ENGIN 5512	Underground Production Systems	EX: ENMIN5130
ENGIN 5514	Production Drilling and Blasting	EX: ENMIN5110

Semester 2

ENGIN 5501	Mine Safety and Environmental Engineering	EX: ENMIN5020
ENGIN 5515	Tunnelling and Mine Development	EX: ENMIN5120
ENGIN 5510	Company Economics and Finance	EX: ENMIN5150
ENGIN 5513	Materials Handling and Hoisting	EX: ENMIN5140

Course rules

Students must:

Complete 240 credit points comprising:

- 240 credit points from Core

Additional information

You'll find unit outlines in the [handbook](#).

When you're ready to enrol, log into [my Student Centre](#) and follow these [enrolment instructions](#).

Think you might be eligible to apply for credit for previous studies? Find out [how to apply](#).

Course coordinator

A/Prof Manoj Khandelwal
m.khandelwal@federation.edu.au
(03) 5327 9821

Administration enquiries

1800 FED UNI (1800 333 864)
www.federation.edu.au/contact

Placement enquiries

(03) 5327 9041
cooperativeplacement@federation.edu.au

Glossary

Co-requisite (CoR): A unit or units that must be completed concurrently with the chosen unit

Prerequisite (PR): A unit or units that must be completed before undertaking another unit

Exclusion(s) (EX): A unit that is the equivalent to another unit and is therefore excluded

Introductory (Intro): Introductory-level units that are coded 1000–1999

Intermediate (Inter): Intermediate-level units that are coded 2000–2999

Advanced (Adv): Advanced-level units that are coded 3000–3999

Major/minor: The main subject area of study completed as part of a degree

Semester: Designated teaching period