

Enrolment Course Structure

Course Code – EQ4

Course Name – Graduate Diploma of Mining

First Year	Unit Code	Unit Name	Unit Rules
Semester 1			
	ENGRG 1001	Computational Skills for Engineers	
	ENGIN 2501	Mine Power Supply and Services Technology	EX: ENMIN5100 & ETMIN2260
	ENGIN 3502	Subsurface Environmental Engineering	EX: ENMIN3050 & ENMIN5023
	MATHS 1100	Applied Mathematics 1	EX: MATHS1001
Semester 2			
	ENGIN 2503	Rock Mechanics Applications	EX: ENMIN3040
	ENGIN 3503	Surface Mining Operations and Equipment	PR: ENGIN2502 for undergraduate Students only EX: ENMIN3070 & ENMIN5160
	MATHS 2100	Applied Mathematics 2	EX: MATHS1005 & MATHS1102
	SCGEO 1103	Planet Earth	
Second Year	Unit Code	Unit Name	Unit Rules
Semester 1			
	ENPG 9409	Mine Safety and Environmental Engineering	EX: ENGRG9403
	ENGIN 5505	Mine Planning and Scheduling	EX: ENMIN4090 & ENMIN7010
	BUMGT 6973	Project Management	
Winter Semester			
	ENPG 9412	Rock Fragmentation	EX: ENGIN5514
Semester 2			
	ENGIN 5512	Underground Production Systems	EX: ENMIN5130
	ENGIN 5511	Mine Surveying	EX: ENMIN5021
	ENPG 9407	Smart Engineering Technologies	EX: ENGRG9401
Spring Semester			
	ENRG 4404	Materials Handling and Hoisting	EX: ENGIN5513

Additional Information

This course structure applies to students who commenced in 2025 and earlier.

NOTE that some first-year units are no longer offered. If you have not completed a discontinued unit, please consult the Course Coordinator to determine an appropriate replacement.

Glossary

Semester: designated teaching period.

PR: Pre-requisite, a unit/s that must be completed prior to undertaking another unit.

CO: Co-requisite, a unit/s that must be completed simultaneously, or prior to, undertaking another unit.

EX: Exclusion, a unit/s that may not be taken.