Enrolment Course Structure

Course Code – EQ4

Course Name – Graduate Diploma of Mining

First Year	Unit Code	Unit Name	Unit Rules
Semester 1			
	ENGRG 1002	Physics for Engineers 1	**EX:** ENGIN1002
	ENGRG 2402	Mining Geology and Mineral Processing	
	MATHS 1100	Applied Mathematics 1	**EX:** MATHS1001
Winter Semester			
	ENGPG 9412	Rock Fragmentation	**EX:** ENGIN5514
Semester 2			
	ENGIN 2503	Rock Mechanics Applications	**EX**: ENMIN3040
	MATHS 2100	Applied Mathematics 2	**EX:** MATHS1005 & MATHS1102
	ENGRG 2102	Geotechnical Engineering 1	**PR:** ENGRG1002
	ENGIN 5512	Underground Production Systems	**EX:** ENMIN5130

Second Year	Unit Code	Unit Name	Unit Rules
Semester 1			
	ENGPG 9409	Mine Safety and Environmental Engineering	**EX**: ENGRG9403
	ENGIN 5505	Mine Planning and Scheduling	**EX:** ENMIN4090 & ENMIN7010
	BUMGT 6973	Project Management	
	ENGIN 3503	Surface Mining Operations and Equipment	**EX:** ENMIN3070 & ENMIN5160
Semester 2			
	ENGPG 9404	Subsurface Environment and Ventilation	**EX:** ENGRG3402
	ENGIN 5511	Mine Surveying	**EX:** ENMIN5021
	ENGPG 9407	Smart Engineering Technologies	
Spring Semester			
	ENGRG 4404	Materials Handling and Hoisting	**EX**: ENGIN5513

Additional Information

This course structure applies to students commencing from 2026. Students who commenced prior to 2026 should refer to the continuing enrolments page.

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.