

## Mid-year Enrolment Course Structure

Course Code – EZ9. MIN

Course Name – Master of Engineering Technology (Mining Engineering)

| First Year      | Unit Code | Unit Name                                 | Unit Rules                                   |
|-----------------|-----------|-------------------------------------------|----------------------------------------------|
| Semester 2      |           |                                           |                                              |
|                 | ENPGG9403 | Rock Mechanics Application                | <b>EX:</b> ENGIN2503                         |
|                 | ENPGG9404 | Subsurface Environment and Ventilation    | <b>EX:</b> ENGRG3402                         |
|                 | ENPGG9411 | Underground Production Systems            | <b>EX:</b> ENMIN5130, ENGIN5512              |
| Second Year     | Unit Code | Unit Name                                 | Unit Rules                                   |
| Semester 1      |           |                                           |                                              |
|                 | ENPGG9408 | Ore Reserve Estimation                    | <b>EX:</b> ENGRG9402                         |
|                 | ENPGG9409 | Mine Safety and Environmental Engineering | <b>EX:</b> ENGRG9403                         |
|                 | ENPGG9410 | Surface Mining Operations and Equipment   | <b>EX:</b> ENMIN307, ENMIN5018               |
| Winter Semester |           |                                           |                                              |
|                 | ENPGG9412 | Rock Fragmentation                        |                                              |
| Semester 2      |           |                                           |                                              |
|                 | ENPGG9406 | Mine Surveying                            | <b>EX:</b> ENGRG4405                         |
|                 | ENGRG9004 | Advanced Engineering Research Project     | <b>PR:</b> At least 90 credit points         |
|                 | ENPGG9407 | Smart Engineering Technologies            | <b>EX:</b> ENGRG9401                         |
| Summer Semester |           |                                           |                                              |
|                 | COOPE9011 | Co-operative Placement (Engineering)      |                                              |
| Third Year      | Unit Code | Unit Name                                 | Unit Rules                                   |
| Semester 1      |           |                                           |                                              |
|                 | ENGRG9003 | Advanced Engineering Design Project       | <b>PR:</b> At least 90 credit points         |
|                 | ENGRG9005 | Advanced Engineering Research Project 2   | <b>PR:</b> ENGRG9004<br><b>EX:</b> ENGIN5003 |
|                 | ENPGG9405 | Mine Planning and Scheduling              | <b>EX:</b> ENGRG4401                         |

### Specialist Domain Electives (Mining Engineering)

ENGRG4403 Company Economics and Finance

ENGRG4404 Materials Handling and Hoisting

### Additional Information

This course structure applies to mid-year entry students.

*TEQSA have advised that, in accordance with B1.1.3 of [Higher Education Standards Framework \(Threshold Standards\) 2021](#) all Higher Education Providers are required to show their TEQSA Provider number and Provider Category on all relevant public material. ITS have ensured that our website and email signature templates have been amended to ensure compliance and have provided a knowledge article to assist you to update your signatures. Marketing are working to update the brand library and all social media accounts.*

### 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.