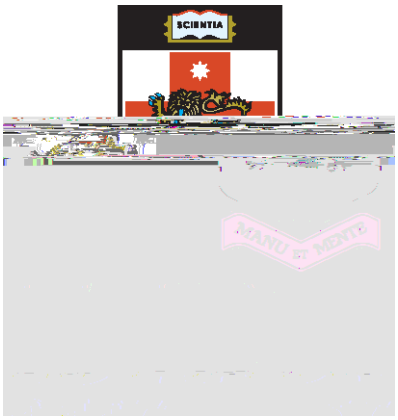

School of Minerals and Energy Resources Engineering

Course Code:	MINE8101	Term:	T1, 2020	Level:	PG	Units/Credits	6 UOC
Course Name:							

Course Convenor:			
Contact Details	School of Minerals and Energy Resources Engineering Old Main Building, Rm G36	EMAIL:	d.laurence@unsw.ed.au
		Phone:	
Contact times	This is a distance-based course. Contact meeting times with the course convenor will be announced in Moodle		

This course provides an introduction to the discipline of mining engineering and

This course aims to equip the student with the skills necessary to understand the discipline of mining engineering and relevant enabling sub-disciplines.

At the conclusion of this course, students should be able to:

1. Understand the role of the mining engineer within the mining industry
2. Have a greater awareness of the key sub-disciplines (including geology and risk management) that support mining engineering
3. Demonstrate an awareness of the importance of sustainable mining practices from exploration to mine closure
4. Demonstrate a working knowledge of all major generic mining methods
5. Identify appropriate mining methods according to characteristics of the ore body/ mineral deposit; geological environment and market needs.
6. Apply the learnings in a critical, analytical manner

2.3. Graduate Attributes

This course will contribute to the development of the following Graduate Attributes:

1. appropriate technical knowledge
2. having advanced problem solving, analysis and synthesis skills with the ability to tolerate ambiguity
3. being able to think and work individually and in teams
4. listening, influencing, motivation and communication skills
5. awareness of sustainability, multi-cultural and global issues

There is no need to purchase any textbooks for this course. However, the wider and more you seek out mining-related articles in the media or other sources such as the following, the greater your understanding of the discipline and the industry will be.

- SME Mining Engineering Handbook (3rd edition)

Selected readings as well as other supporting material (e.g. course outline and lecture notes will be made available on LMS.

The School has a report writing guide (RWG) available for all mining engineering students. View this website to download a copy of this guide:

More details on special consideration can be found at: www.student.unsw.edu.au/special-consideration

form. These anonymous surveys help us understand your views of the course, your lecturers and the course materials. We are continuously improving our courses based on student feedback, and your perspective is valuable.

Feedback is given via https://student.unsw.edu.au/myexperience and you will be notified when this is available for you to complete.

We also encourage all students to share any feedback they have any time during the course ς if you have a concern, please contact us immediately.

Course Convenor: _____
Course Code: _____ Course Title: _____
Assignment: _____
Due Date: _____
Student Name: _____ Student ID: _____

Before submitting this assignment, the student is advised to review:

- the assessment requirements contained in the briefing document for the assignment;
- the various matters related to assessment in the relevant Course Outline; and
- the *Plagiarism and Academic Integrity* website at < http:/www.lc.unsw.edu.au/plagiarism/pintro.html > to ensure they are familiar with the requirements to provide appropriate acknowledgement of source materials.

If after reviewing this material there is any doubt about assessment requirements, then in the first instance the student should consult with the Course Convenor and then if necessary with the Director ç Undergraduate Studies.

While students are generally encouraged to work with other students to enhance learning, all assignments subŸiúűed f2№ aăăeăăŸeyű Ÿdžăú be űhei№ eyűi№e 2ǿẙǿ2№k ayd ddzlè acky2ǿledge űhe džăe 2f 2űhe№ LJe№ă2yűă ǿ2№k 2№ material. The student may be required to explain any or all parts of the assignment to the Course Convenor or other authorised persons. *Plagiarism* is using the work of others in whole or part without appropriate acknowledgement within the assignment in the required form. *Collusion* is where another person(s) assists in the LJ№eLJa№aűi2ẙ2f a ăűdzdeyűűă aăăigyŸeyű ǿiűh2dzű űhe c2yãeyű 2№ ky2ǿledge 2f űhe C2dzrse Convenor.

Plagiarism and *Collusion* are considered as Academic Misconduct and will be dealt with according to University Policy.

I declare that:

- This assessment item is entirely my own original work, except where I have acknowledged use of source material [such as books, journal articles, other published material, the Internet, and the work of other student/s or any other person/s].