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School of Minerals and Energy Resources Engineering

CONTENTS

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1. INFORMATION ABOUT THE COURSE

Course Code:	MINE1010	Term:	T3, 2020	Level:	UG	Units/Credits	6 UOC

The timetable for this term is as follows:

Tutorial: Attending the tutorials is necessary to complete team activities.

Time: Thursday 9am 12pm (noon)

Online delivery: tutorials will be delivered online through collaborate, which is accessible from the course Moodle website.

Workshop: Attending the workshops is not necessary to complete team activities.

Time: Thursday 9am 12pm (noon)

Online delivery: workshops will be delivered online through collaborate, which is accessible from the course Moodle website. They will provide important information about the course and students are strongly encouraged to attend and participate.

https://www.bhp.com/
https://www.rocktechnology.sandvik/en/
http://www.riotinto.com/

3.5. Report writing guide

The School has a report writing guide (RWG) available for all students taking mining engineering courses. View this website to download a copy of the guide:
https://www.engineering.unsw.edu.au/minerals-energy-resources/sites/mine/files/publications/MEA_ReportWritingGuide_eBook_2018ed.pdf
The RWG is also available through the Moodle website of this course.

4. COURSE CONTENT AND LEARNING ACTIVITIES

4.1. Course contents

Over a period of 10 weeks, this course covers the following topics:

Importance of the mineral resources for Australia and society
The Australian minerals industry
Employability
Geology
Surface mining methods
Underground mining methods
Geomechanics
Mine ventilation
Health and safety
Extractive metallurgy
Sustainable mining
Social license
Use of technologies in mining
Mineral economics

4.2. Learning Activities Summary

This online course is divided into 10 weeks.

UNSW Week	*Week starts*	*Content / Activities*	*Important dates*
0	09/09	Getting started *Survey the Moodle environment for the course; Get familiar with the resources available (e.g. MEA report writing guide)*	Mining around you (A0) (in W1) *Complete the pre-lecture activity and submit by Wednesday 16/09 5.00pm.*
1	14/09	Complete week 1 (online lectures) *A general introduction on the minerals industry and its importance*	Tutorial (collaborate) *Discussion about the course and meeting your teammates.* Team project starts (A1) *Look at the requirements; develop a strategy; entry point for prices*
2	21/09	Complete week 2 (online lectures) *Learn about the earth and formation of mineral deposits, which we can exploit*	Team project (A1.1) *Submit preliminary report* Workshop - Quiz Quiz (A2.1)
3	28/09	Complete week 3 (online lectures) *subject we will look at different surface mining methods*	Workshop - Geology & teamwork Quiz (A2.2)
4	05/10	Complete week 4 (online lecture) *different underground mining methods*	Tutorial (collabotate) Application Exercise (A3.1) Quiz (A2.3)
5	12/10	Complete week 5 (online lecture) *Mining can be hazardous. Have a clC q9anB*	

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6. ASSESSMENT CRITERIA

The assessment criteria provide a framework for you to assess your own work before formally submitting major assignments to your course convenor. Your course convenor will be using this

7. STUDYING A UG COURSE IN THE SCHOOL OF MINERALS AND ENERGY RESOURCES ENGINEERING AT UNSW

7.1. How We Contact You

At times, the School or your lecturers may need to contact you about your course or your enrolment. Your lecturers will use the email function within Moodle or we will contact you on your @student.unsw.edu.au email address.

We understand that you may have an existing email account and would prefer for your UNSW emails to be redirected to your preferred account. Please see these instructions on how to redirect your UNSW emails: https://student.unsw.edu.au/email-rules

7.2. How You Can Contact Us

We are always ready to assist you with your inquiries. To ensure your question is directed to the correct person, please use the email address below for:

Enrolment or other admin questions regarding your program: mere.admin@unsw.edu.au

Course inquiries: these should be directed to the Course Convenor. It is important to note that your course convenor and lecturers will NOT open any emails, which are not from UNSW. Therefore we ask you to use your UNSW email address. It is advised to include MINE1010 is the subject line. You can also use the email function within Moodle to contact your course convenor/lecturer.

7.3. Computing Resources and Internet Access Requirements

UNSW Minerals and Energy Resources Engineering provides blended learning and distance learning using the on-line Moodle LMS (Learning Management System).

It is essential that you have access to a PC or notebook computer. Mobile devices such as smart phones and tablets may compliment learning, but ETQq yout t

7.5. Assignment Submissions

The School has developed a guideline to help you when submitting a course assignment. Please take a closer look at all these details on our website: https://www.engineering.unsw.edu.au/minerals-energy-resources/assignment-submission-policy

We encourage you to retain a copy of every assignment submitted for assessment for your own record either in hardcopy or electronic form. On a rare occasion, assignments may be mislaid and we may contact you to re-submit your assignment.

All assessable materials must have a cover sheet attached.

7.6. Late Submission of an Assignment

Full marks for an assignment are only possible when an assignment is received by the due date. In fairness to those students who do meet the assignment due date and time, deductions will apply to submissions made after this time. Details on deductions that are automatically applied to late submissions are available on our webpage: https://www.engineering.unsw.edu.au/minerals-energy-resources/late-submissions

We understand that at times you may not be able to submit an assignment on time, and the School will accommodate any fair and reasonable extension. We would recommend you review the UNSW Special Consideration guidelines see following section.

In the case of late submission of a report (if applicable check specific assessment tasks), penalty marks will be applied at the following rate if submitted after the due date: five (5) percentile points of the maximum possible mark for each day or part thereof that the assessment is overdue. For example if a student submitted a report five days after the due date and the unadjusted mark was 68% then the final adjustment mark for the assignment would be 43%; that is the raw mark of 68% less 25 percentile points (5 days at 5 percentile points per day).

Where material is submitted more than seven (7) days but less than fourteen (14) days after the deadline then the final mark will be reduced by thirty (30) percentile points. For example if an assignment, which was submitted 8 days following the deadline, would have been awarded a mark of 80% then following late submission deduction, the final adjusted mark would be 50%.

Assignments submitted more than 14 days after the due date or after the return of marked submissions to students will not be marked but will be retained and held for consideration by the School Examination Committee after the final examinations.

7.7. Special Consideration

You can apply for special consideration through UNSW Student Central when illness or other circumstances interfere with your assessment performance. Sickness, misadventure or other circumstances beyond your control may:

- Prevent you from completing a course requirement,
- Keep you from attending an assessable activity,
- Stop you submitting assessable work for a course,
- Significantly affect your performance in assessable work, be it a formal end-of-semester examination, a class test, a laboratory test, a seminar presentation or any other form o1 49.68 c

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