

Note: Permission to enrol in this course requires written evidence of industry support and/or agreement of an academic supervisor in the School. Industry support is essential for research projects that are to be extended for Masters programs that require MINE8455 and/or MINE8690, and is highly recommended for Graduate Diploma programs. Industry support is to include in-kind contributions from industry staff, access to relevant site data and/or samples and/or resources to support applied research. Industry agreement to publish results of the research is required, or an agreement to publish aggregated results that do not identify specific mine sites or confidential information. Alternatively, academic supervisors offer research projects as part of applied research programs.

4 COURSE CONTENT AND LEARNING ACTIVITIES

4.1 Learning Activities Summary

The milestones given in the following table are in place to help you progress through your research project in 10 weeks. Please note that this is just an example. Students will need to create their own timeline and work schedule in accordance to their project.

UNSW Week	Week Starting	Topic	Content/Activities
1	15 Feb	Course Introduction	¹ Microsoft Teams, Tuesday, 16 Feb, 2.30-3.30 pm AEST
2	22 Feb		
3	1 March		A1.0_ Submit research proposal for assessment
4	8 March		Data collection analysis & review of findings with your supervisor
5	15 March		
6	22 March		
7	29 March		
8	5 April		
9	12 April		
10	19 April		Review final draft with your supervisor
	7 May		

Where

Submissions must be made electronically through Turnitin in the LTMS unless otherwise stated. Students are strongly encouraged to submit their report through the Turnitin (plagiarism detection software) before due date to see how their assignment is composed with regards to cited works and original content. This will allow students to self-assess and ensure their assignment meets the School standards before final submission. An originality report with a score higher than 20% may be cause for concern about the originality of content and will be reviewed by the Student's Project Supervisor for potential plagiarism. For further details see the section on University Policies for details on assignment submissions, late submissions and special consideration.

What

The submission must be:

- o a single document in PDF format; and
- o prepared in the form of a formal report that includes a list of reference sources cited in the report, prepared in accordance with the report writing standards of the School as contained in the *MEA Report Writing Guide for Mining Engineers*. A copy can be obtained from the UNSW Bookshop or downloaded from the School webpage.

Each submission must have appended:

- o to the front, a signed copy of the Student Declaration Form and Coversheet; and
- o to the end, a completed self-assessed copy of the Assessment Criteria.

Copies of both documents are available for download from LTMS.

It is **strongly recommended** when preparing the major assignment; students use the *Report Template* available from LTMS. Note: as this template already incorporates the required the Student Declaration Form, a student does not need to separately append a signed copy of coversheet to their assignment.

How

The submitted document must be consistent with the following file naming convention:
< FamilyNameInitials_CourseCode_AssignmentNumber.pdf >.

A typical complaint filename would take the following form < SmithPD_MINE8440_A01.pdf > which elements correspond to:

- o Family name of student: Smith
- o Initials of student: PD
- o Course Code: MINE8440
- o Assignment number: A01...as defined in Course Outline for the assessment task
- o File format: PDF document

5.3 Assignment Process

It is the responsibility of the student to identify a suitable project to be undertaken as the core component of this course. Students should contact the Course Convenor for assistance for advice, who will then direct the student to a potential supervisor within the School.

This course consists of four assessment items: research proposal report, Major Thesis and Overseas Progress and meetings. Assessment items will be graded:

Research proposal : Assessment will be completed by the student's Project Supervisor.

MINE8440 Mining Industry Research Project 1, T1 2021

Assessment Criteria – Research Project Proposal

The assessment criteria are summarised in the following table.

Assessment Criteria – Minor Thesis

Criteria	Excellent	Good	Satisfactory	Unsatisfactory	Poor	nil
Abstract	Abstract is well written and accurately yet concisely captures all the essential aspects of the project objective, methodology, outcomes and issues	Abstract is reasonably well written and captures most of the essential elements of the project	Abstract is adequately written and captures most elements though missing some information	Abstract is poorly written and does not clearly convey information concerning project topic, method, issues and/or outcomes	Abstract is badly written and/or does not summarise the project topic and its outcomes	Abstract is missing and/or largely incomplete
	10 9	8 7	6 5	4 3	2 1	0
Introduction	Introduction provides a clear definition of the aims and objectives and, scope of project clearly identifies the relevance and significance of the project to the industry	Introduction provides a good definition of the aims and objectives and scope of project identifies the relevance and significance to industry	Introduction satisfactorily outlines the aims and objectives and/or provides a reasonable discussion of relevance and significance to industry	Incomplete and/or unclear definition of project scope	Project topic and scope are very unclear and/or confused	Introduction is missing and/or largely incomplete
	5	4	3	2	1	0

Background, methodology/ experimental and procedures

extensive, relevant and logically organised review that critically analysed previous work on the topic and sets the scene for the research to be conducted presented an excellent description of the research methodology and/or experimental procedure that was used to obtain data

relevant and logically organised review that critically analysed previous work on the topic and set the scene for the research to be conducted presented a good description of the research methodology and/or experimental procedure that was used to obtain data

acceptable coverage of background material with some critical analysis applied that showed basic understanding of the topic

Criteria	Excellent	Good	Satisfactory	Unsatisfactory	Poor	nil				
Results and analysis	all relevant results are presented in a manner from which meaningful analyses and interpretations are drawn good and creative approach to analysis of results interpreted against the stated objectives of the research	most results are presented in a manner from which meaningful analyses and interpretations are drawn results are interpreted based on established approach relevant to stated objectives of the research	many results are presented in a manner from which meaningful analyses and interpretations are drawn results are not interpreted against the stated objectives of the research.	some results are presented, and some analysis and interpretations of these results are given not aligned to the stated objectives of the research.	poorly presented some results and/or some results missing little or no analysis or interpretation of results	no results presented and/or analysed				
	30	26	25	20	19	15	14	8	7	1

Quality of research and innovation in research process	approach highlights creativity and innovation, while working to an organised plan actual execution of the work showed the application of knowledge gained from background research through analysis of data to generate new knowledge. clearly demonstrated that Risk Analysis and Management have been used in the project	approach is systematic and showed some innovation actual execution of the work showed the application of knowledge gained from background research through analysis of data (demonstrated) that Risk Analysis and Management had been used in the project	approach is

7.1 How We Contact You

At times, the School or your course convenors may need to contact you about your course or your enrolment. Your course convenors 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://www.it.unsw.edu.au/students/email/index.html>

7.5 Assignment Submissions

The School has developed a guideline to help you when submitting a course assignment.

We encourage you to retain a copy of every assignment submitted for assessment for your own record either in hardcopy or electronic form.

All assessments must have an assessment cover sheet attached as described previously.

7.6 Late Submission of an Assignment

Full marks for an assignment are only possible when an assignment is received by the due date.

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.

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 an assignment or assessment.

7.9 Students Needing Additional Support

The Student Equity and Disabilities Unit (SEADU) aims to provide all students with support and professional advice when circumstances may prevent students from achieving a successful university education. Take a look at their webpage: www.studentequity.unsw.edu.au/

7.10 Academic Honesty and Plagiarism

Your lecturer and the University will expect your submitted assignments are truly your own work. UNSW has very clear guidelines on what plagiarism is and how to avoid it. Plagiarism is using the words or ideas of others and presenting them as your own. Plagiarism is a type of intellectual theft. It can take many forms, from deliberate cheating to accidentally copying from a source without acknowledgement. The University has adopted an educative approach to plagiarism and has developed a range of resources to support students. All the details on plagiarism, including some useful resources, can be found at www.student.unsw.edu.au/plagiarism.

All Mining Engineering students are required to complete a student declaration for academic integrity which is outlined in the assignment cover sheets. By signing this declaration, you agree that your work is your own original work.

If you need some additional support with your writing skills, please contact the Learning Centre or view some of the resources on their website: www.lc.unsw.edu.au/. The Learning Centre is designed to help you improve your academic writing and communication skills. Some students use the Centre services because they are finding their assignments a challenge, others because they want to improve an already successful academic performance.

7.11 Continual Course Improvement

At the end of each course, all students will have the opportunity to complete a course evaluation 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 – if you have a concern, please contact us immediately.

