



Faculty of Engineering

School of Minerals and Energy Resources Engineering

MINE5050

Ground Control Principles and Practice in Underground  
Coal Mining

T1 2021

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## 1 INFORMATION ABOUT THE COURSE



## 1.4 Attendance

To pass this course it is expected that you will attend 100% of lectures. If you have misadventure or ill-health, please contact your course coordinator as soon as possible. The attendance requirement is not meant to be punitive. It is included because participation is an important part of achieving the course outcomes.



## 3 REFERENCE RESOURCES

### 3.1 Reference Materials

- Galvin, J.M. (2016). Ground Engineering Principles and Practices for Underground Coal Mining. Springer International Publishing. ISBN 978-3-319-25003-8. DOI 10.1007/978-3-319-25005-2.
- Bieniawski, Z.T. (1984). Rock mechanics design in mining and tunnelling, A.A. Balkema, Rotterdam.
- Bieniawski, Z.T. (1987). Strata control in mineral engineering, John Wiley and Sons. pp. 29-37.
- Bieniawski, Z.T. (1989). Engineering rock mass classifications. Wiley, NY, 251 pp.
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## 6.1 Assignment Reports

The assessment criteria that will be used in assessing the assignment reports is summarised in the following table.

Criteria	Excellent	Good	Satisfactory	Unsatisfactory	Poor	nil
Executive summary / Assignment brief	Executive summary / assignment brief has clearly defined objectives and methodology of the project and includes a comprehensive summary of the findings and outcomes of the project.	Executive summary / assignment brief has defined objectives and methodology of the project and includes some summary of the findings and outcomes of the project.	Executive summary / assignment brief has defined objectives and methodology of the project with minor errors in summary of the findings and outcomes of the project.	Executive summary / assignment brief has some defined objectives and methodology of the project with errors in summary of the findings and outcomes of the project.	Executive summary / assignment brief has poorly defined objectives and methodology with major errors in summary of the findings and outcomes of the project.	Provided no executive summary or assignment brief.
	10      9	8      7	6      5	4      3	2      1	0
Introduction	Introduction provides the reader with a concise background to the topic that is appropriately referenced	Introduction provides the reader with relevant background to the topic	Introduction provides the reader with some background to the topic	Introduction provides the reader with little background to the topic	Introduction provides the reader with very little background to the topic	Introduction missing
	10      9	8      7	6      5	4      3		



## 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



Course Convenor: \_\_\_\_\_  
Course Code: \_\_\_\_\_ Course Title: \_\_\_\_\_  
Assignment: \_\_\_\_\_  
Due Date: \_\_\_\_\_  
Student Name: \_\_\_\_\_ Student ID: \_\_\_\_\_

ACADEMIC REQUIREMENTS

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 \_\_\_\_\_ 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 Undergraduate Studies.

While students are generally encouraged to work with other students to enhance learning, all assignments