

Faculty of Engineering

School of Minerals and Energy Resources Engineering

Undergraduate Course Outline

MINE4260

Coal Mine Design and Feasibility Project

Professor Serkan Saydam



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| 1. INFORMATION ABOUT THE COURSE..... | 3 |
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| 2. AIMS, LEARNING OUTCOMES AND GRADUATE ATTRIBUTES | |

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|--------------|----------|-------|----------|--------|----|---------------|-------|
| Course Code: | MINE4260 | Term: | T2, 2021 | Level: | UG | Units/Credits | 6 UOC |
| Course Name: | | | | | | | |

Course Convenor: ***Professor Serkan Saydam***

New postgraduate course students are strongly advised to visit the above website and complete the ELISE and ELISE Plus tutorials. These will help develop skills in finding, using and evaluating scholarly information.

Videos are often provided to students as a web stream within the Moodle learning management system. Videos are not available for download by students, unless approved by the Course Convenor and either the Undergraduate or Postgraduate Coursework Director. Special consideration can be provided for students to access videos off-line (eg. working remotely). Please contact the Course Convenor for more information. Note that UNSW reserves the right to deliver videos as a web stream rather than off-line and cannot provide videos that are copyright from other providers.

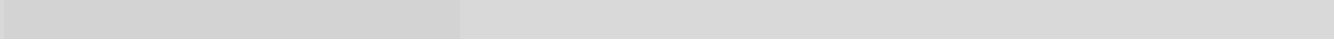
Remember, UNSW librarians are usually happy to help you locate articles or make suggestions regarding possible material to help you in your academic work. You can also access basic online help at <http://www.library.unsw.edu.au/>

3.5. Software and Hardware

- Vulcan, Minex, MS Excel, Talpac: All software will be accessed through myaccess.

The School has a [Report Writing Guide \(RWG\)](#). A copy of this is available on the course Moodle site.

Presentations and reading material are



| - | Course Dates | Activity | Hours | Tasks | Content |
|---|---------------------|-------------------------------------|-------|-------|---------|
| | 31 May Monday | Course Introduction Project Work | 3 | | |

Week
1

| | | | | | |
|-------------------|-----------------------|----------------------------------|---|-------------------------------|---|
| | 22 June Tuesday | Industry Workshop TBC | 2 | Open Cut Design and Layout | COMPULSORY Industry workshop run by mine personnel |
| Week 5 | 28 June Monday | Progress Interview 1 | 3 | Open Cut Mine Design | Progress Interview 1 Open Cut and Underground Mine Design |
| | 29 June Tuesday | Project Work | | | |

| | 28 June | 10 | 1, 2, 4 |
|--|-----------|----|------------|
| | 26 July | 15 | 1, 2, 4 |
| | 9 August | 25 | 1, 2, 3, 4 |
| | 13 August | 50 | 1, 2, 3, 4 |

- **Only electronic copies (MS Word doc) will be evaluated.**
- **The Final Presentation date may change due to the availability of the Board Members in 9 August. This will be confirmed 2 weeks prior to the date.**

All the course materials and assignments will be available online through Moodle. Access to the Moodle site is via the Moodle icon on the MyUNSW homepage, or at <https://moodle.telt.unsw.edu.au>.

Progress Interviews will be conducted at the Computer Laboratory in front of a computer to demonstrate the knowledge of using software package.

Final Board Presentations will be conducted at the AVIE facility. Each group will be responsible to prepare relevant files to demonstrate their design to the board using VR technology available at the school.

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 framework to assess your work and as a way to assess whether you have met the listed learning outcomes and the graduate attributes for your program. We ask that you don't use the assessment criteria guidelines as a checklist, but as a tool to assess the quality of your work. Your course convenor will also be looking at the quality, creativity and the presentation of your written assignment as they review the framework. Rubrics, wherever applicable, will be provided at the time of the assignment release.

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>

Course outlines, support materials are uploaded to Moodle, the university standard Learning Management System (). In addition, on

available for you to complete.

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

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

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