

POSITION DESCRIPTION

Academic Positions

(In addition to the Position Classification Standards)

Position Title: Senior Lecturer in Mining Engineering

Level: C

Faculty/Division: EIS

Department/Location: School of Civil, Mining & Environmental Engineering

Primary Purpose of the Position:

To teach mining engineering at all levels to undergraduate and postgraduate students and to contribute strongly to the research programs of the School.

Position Environment:

The School of Civil, Mining & Environmental Engineering provides undergraduate degrees in the three stated disciplines. The School also offers Masters by coursework and research and PhD degrees.

Major Accountabilities/Responsibilities:

Responsibilities	Outcome
1. Conduct lectures, tutorials, practical classes, demonstrations, workshops and student field excursions, including marking of assessment tasks and student consultations at undergraduate and postgraduate levels.	Student learning and satisfaction
2. Initiation and development of subject material.	High quality subject content
3. Act as subject coordinator when required.	Contribute to governance of School
4. Effective academic supervision of Honours and postgraduate research projects	High quality theses, numbers of students, timeliness of completions
5. Conduct original research in mining engineering, i.e. publishing outputs and apply successfully for external research funding.	Quality journal publications and ACARP and ARC grant funding.
6. Participate in a range of administrative functions connected with teaching and research, including attendance at School and Faculty meetings and membership of committees.	Effective administration of School and Faculty
7. Represent discipline at Faculty and University levels.	Increased profile of mining discipline
8. Observe principles and practices of Equal Employment Opportunity.	To ensure fair treatment in the workplace
9. Have WH&S responsibilities, accountabilities and authorities as outlined in the http://staff.uow.edu.au/ohs/commitment/responsibilities/ document.	To ensure a safe working environment for self & others.

Reporting Relationships:

Position Reports to:	Head of School
The position supervises the following positions:	None
Other Key Contacts:	Academic and General Staff of the School and Faculty

Key Relationships:

Contact/Organisation:

Other School Staff
Faculty Staff
Other University Staff

Purpose & Frequency of contact

Daily – Various
As appropriate
As appropriate

Key Challenges:

1. Provide strong support to undergraduate and postgraduate students.
2. Contribute strongly to research outputs and funding in the Faculty

SELECTION CRITERIA - Knowledge & Skills:

Essential:

- Strong written and oral communication skills.
- Demonstrated ability to teach at both undergraduate and postgraduate levels.
- Demonstrated excellence in developing subject content.
- Demonstrated expertise in one or more specialised areas e.g. mining operations, mining geomechanics, numerical modelling or other complementary areas of expertise.

SELECTION CRITERIA - Education & Experience:

Essential:

- PhD in Mining Engineering or an equivalent combination of other higher degree qualifications in Mining Engineering and relevant experience in mining engineering.
- Proven research track record in mining engineering.
- A strong scholarly publication record especially in reputed journals.
- Experience in applying for competitive funding.
- Experience in supervising undergraduate or higher degree research students.
- Practical experience in mining engineering: underground and/or surface mining.

Desirable

- Demonstrated expertise in mining geomechanics.
- Practical experience in underground metalliferous mining.
- Management of research projects.
- Experience in one or more of the following areas: mining legislation; mine safety, mineral processing.

Personal Attributes:

- Highly motivated and able to work effectively, both independently and in a team.

Special Job Requirements:

Will require some afterhours work from time to time, e.g. field trips etc.

Organisational Chart:

Organisational chart coming soon.

Roles and Responsibilities in Relation to Workplace Health and Safety:

The University of Wollongong is committed to providing a safe and healthy workplace for its workers, students and visitors. All members of the University community have a collective and individual responsibility to work safely and be engaged in activities to help prevent injuries and illness.

In addition to the major accountabilities/responsibilities required for your position, you also hold the following roles and responsibilities in relation to Workplace Health and Safety:

All Staff

- Take reasonable care for your health and safety as well as others.
- Comply with any reasonable instruction by the University.
- Cooperate with any reasonable policies and procedures of the University including reporting of hazards or incidents via the University reporting process.
- Certain staff have specific responsibilities for Work Health and Safety (WHS), further information is available in the document [Roles And Responsibilities for WHS](#) and [WHS Management System](#).
- Ensure work area, equipment and practices are compliant with applicable legislation, standards, codes of practice and University guidelines.
- Ensure risk management activities are undertaken to minimise WHS risk including hazard and incident reporting, risk assessment and safe work procedures.
- Provide the necessary instruction, information, induction, training and supervision to enable work to be carried out safely.
- Ensure Work Health and Safety (WHS) activities and requirements are implemented for area as outlined in the [Roles And Responsibilities for WHS](#) and [WHS Management System](#).

Inherent Requirements:

This position description outlines the major accountabilities/responsibilities and the selection criteria against which you will be assessed as suitable for the position. As such there will be specific job requirements that we refer to as Inherent Requirements.

Inherent Requirements refer to your ability to:

- Perform the essential duties and functional requirements of the job;
- Meet the productivity and quality requirements of the position;
- Work effectively in the team or other type of work organisation concerned; and
- Do the job without undue risk to your own or others health, safety and welfare at work.

If you have any injuries, illness, disorder, impairment, condition or incapacity that may affect your ability to perform the inherent requirements of the position, we encourage you to discuss this with the University to assist in the process of identifying

reasonable adjustments to enable you to perform the duties of the position. The University wants to place you in the best situation to use your skills effectively in the position you are applying for at the University.