

## Position description

### Senior Lecturer (Mining Engineering)

<b>Department/Unit</b>	Civil Engineering
<b>Faculty/Division</b>	Faculty of Engineering
<b>Classification</b>	Level C
<b>Work location</b>	Clayton campus
<b>Date document created or updated</b>	18 February 2017

#### Organisational context

Monash is a university of transformation, progress and optimism. Our people are our most valued asset, with our academics among the best in the world and our professional staff revolutionising the way we operate as an organisation. For more information about our University and our exciting future, please visit [www.monash.edu](http://www.monash.edu).

The **Faculty of Engineering** is one of the best in Australia, renowned worldwide for the quality and calibre of our teaching, research and graduates. We offer a comprehensive range of undergraduate, graduate, postgraduate and higher degree by research programs in a wide range of engineering disciplines. Our research activities provide a platform for establishing a thriving educational enterprise and our staff are committed to creating a dynamic learning environment. The research activities range from fundamental studies to research with a strong applications orientation. To learn more about the Faculty of Engineering, please visit our website: [www.eng.monash.edu.au/](http://www.eng.monash.edu.au/).

The **Department of Civil Engineering** aims to provide high quality education, research and professional services globally for the mutual benefit of the students, the staff, the University, industry, the profession and the wider community. We offer several undergraduate degrees as well as postgraduate coursework degrees via Off-Campus Learning. The Department actively pursues innovative and significant multi-disciplinary research to address the challenges for engineering in the 21st century. For more information about us and the work we do, [please visit our website](#).

#### Position purpose

The Senior Lecturer is expected to play a major role, as part of a team, in the Resources Engineering Program with a particular focus on the mining and resources industry. This is an opportunity to be a part of shaping the future of resources education at Monash University.

The Senior Lecturer is required to undertake academic duties that include lecturing in, and some administration of, the undergraduate and postgraduate teaching programs, and supervision of postgraduate research students. The successful applicant is also expected to be involved in and/or lead research programs in his/her specialist area.

The appointee is expected to strengthen the existing capability of Monash University and to further enhance its reputation as a leader in research and teaching.

**Reporting line:** The position reports to Head of Department, Faculty of Engineering

**Supervisory responsibilities:** Not applicable

**Financial delegation and/or budget responsibilities:** Not applicable

## Key responsibilities

Specific duties required of a Level C academic may include:

1. The conduct of industry-relevant, high quality research. This involves undertaking of a significant role in research projects including, where appropriate, leadership of research teams, and publication and presentation of results at conferences
2. Collaborating with industry organisations to secure research funding
3. The conduct of tutorials, practical classes, demonstrations, workshops, student field excursions, clinical sessions and studio sessions
4. Initiation and development of curriculum and course material in line with best practice methodologies
5. Course coordination and course content and delivery enhancement, including the preparation and delivery of lectures and seminars, and the design, implementation and review of educational innovations utilising experience and links with industry as appropriate
6. Consultation with students including marking and assessment of coursework and guidance on areas of development
7. Supervision of the program of study of honours students and of postgraduate students engaged in course work, and supervision, support and guidance to major honours or postgraduate research projects
8. Involvement in professional activities such as networking and industry events to stay abreast of academic and industry changes and developments and how these can be applied at Monash
9. Broad administrative functions
10. Attend and contribute to departmental, school and/or faculty meetings and play a major role in planning or committee work

## Key selection criteria

### Education/Qualifications

1. The appointee will have:
  - a degree in mining engineering or related discipline
  - a research doctorate in the mining engineering discipline area

### Knowledge and Skills

2. Demonstrated record of successfully supervising, mentoring, leading and managing research, students and/or staff
3. A record of high quality research which is industry-relevant
4. Demonstrated experience in developing and delivering high quality teaching materials with positive student feedback
5. Demonstrated academic excellence evidenced by publications, grants and an outstanding contribution to the profession through participation in scholarly debate and the production of industry relevant research
6. Recognised professional standing in the mining engineering field with the ability to develop and maintain strong professional links with relevant industry and the community
7. Commitment and passion for engaging with industry, taking a leadership role where appropriate

## Other job related information

- Travel (e.g. to other campuses of the University) may be required
- There may be peak periods of work during which the taking of leave may be restricted

## **Legal compliance**

Ensure you are aware of and adhere to legislation and University policy relevant to the duties undertaken, including: Equal Employment Opportunity, supporting equity and fairness; Occupational Health and Safety, supporting a safe workplace; Conflict of Interest (including Conflict of Interest in Research); Paid Outside Work; Privacy; Research Conduct; and Staff/Student Relationships.