



Position description

Senior Lecturer (Education-focused)

Department/Unit	Materials Science and Engineering
Faculty/Division	Faculty of Engineering
Classification	Level C
Work location	Clayton campus
Date document created or updated	1 February 2016

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

The **Faculty of Engineering** is one of the largest 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.

The **Department of Materials Science and Engineering** is an international, research-active department with modern facilities and a broad education offering in materials science and engineering. Although our work spans the entire materials field, we specialise in both the cutting-edge and fundamentals of metals and alloys, biomaterials and tissue engineering, nanomaterials, polymers, composites, corrosion, advanced materials characterisation, additive manufacturing and materials modeling.

Position purpose

Education-focused staff at Monash are an elite category of the academy who focus on and contribute to the innovation of education and leading the design and delivery of education at the University. The Senior Lecturer (Education focused) is expected to make significant contributions to teaching and learning within their faculty and engage in educational leadership at department, school, faculty or University level.

It is expected that the appointee will take on a role of Deputy Director of learning and teaching in the Department. In particular, the appointee will be expected to assist the Director in leading pedagogical change in line with the Better Teaching Better Learning agenda with a strong focus on design and planning of learning activities; developing quality teaching approaches; and supporting colleagues as they adapt their practice.

Reporting Line: This position reports to the Head of Department, under broad direction, working with a degree of autonomy

Supervisory responsibilities: Not Applicable

Financial delegation and/or budget responsibilities: Not Applicable

Key result areas and responsibility

This position is a Level C education-focused academic. Level C education-focused academics will engage in educational scholarship, and/or play a leadership role in educational innovation, curriculum design and review.

Some of the duties of a Level C education-focused academic may include:

1. Preparation and delivery of lectures and seminars; course material and resource development, marking and assessment; and consultation with students; to ensure high levels of academic standards within the student body
2. Provide leadership in teaching and curriculum development by designing, implementing and reviewing educational innovations
3. Coordinate a major or field of study or award program to ensure a consistent and rigorous process
4. Engage in collaborative design or implementation of cross-faculty, cross-campus or team taught units, courses or projects
5. Build learning and teaching capacity in fellow academics within the department, school or faculty
6. Attendance at departmental, school and/or faculty meetings and a major role in planning or committee work
7. Innovative curriculum design based on systematic and evidence-based review of teaching methods and techniques
8. Explore the impact of changes in curriculum design and teaching practice on student learning
9. Publish educational or disciplinary research in high-quality refereed journals or equivalent (for example, textbooks or teaching resources)
10. Attract funding to undertake projects that enhance student or staff learning and teaching outcomes
11. Conference presentations on educational practice and design at local and national conferences

Key selection criteria

Education/Qualifications:

1. The appointee will possess:
 - A PhD in Materials Science / Materials Engineering and a demonstrated excellence in teaching in the discipline area (e.g. through awards, evaluations) or
 - An equivalent advanced qualification, significant experience in teaching and research, and technical and professional contributions and achievements

Knowledge and skill:

2. Evidence of leadership in curriculum development
3. Evidence of high-level pedagogical thinking
4. High-level interpersonal skills and proven ability to establish a good working relationship with colleagues and students and to develop and maintain strong professional links with relevant industry and the community
5. Proven ability, commitment and passion for engaging in academic activities, taking a leadership role where appropriate
6. A good scholarship/research record as evidenced by publications in high-quality refereed journals or equivalent (e.g. textbooks or teaching resources) and where appropriate the securing of external funding
7. Ability to plan, organise and achieve work targets, sometimes in demanding circumstances and work harmoniously and constructively with academic colleagues and other University staff
8. Ability to promote the discipline both within the University and to the greater community

9. Proven experience mentoring and supervising coursework and HDR students
10. Record of obtaining external funding, or of assisting others to do so
11. Evidence of participation and high-quality contribution to school, faculty and University committees

Other job related information

- Travel (eg. to other campuses of the University)
- Shift work, overtime and out of hours work (including evenings, weekends and public holidays)
- 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.