

POSITION DESCRIPTION

Academic Positions

(In addition to the Position Classification Standards)

Position Title: Lecturer in Civil (Structural) Engineering
 Level: B
 Faculty/Division: Engineering and Information Sciences
 Department/Location: School of Civil, Mining and Environmental Engineering

Primary Purpose of the Position:

To contribute to: (1) teaching in the civil engineering discipline; and (2) research in the field of "Infrastructure Application of FRP Composites".

Position Environment:

The position is within the School of Civil, Mining and Environmental Engineering. The appointee will play a key role in teaching and research within the School. The appointee will contribute significantly to establishing the strength in the research field of "Infrastructure Application of FRP Composites" in collaboration with Dr Tao Yu.

Major Accountabilities/Responsibilities:

Responsibilities		Outcome	Office Use Only
1.	Conduct original research in the field of "Infrastructure Application of FRP Composites" in collaboration with Dr Tao Yu	Quality journal publications and external grant funding	
2.	Teach undergraduate subjects in Civil Engineering to a high standard as assigned by the Head of School	Completion of assigned teaching duties to a high standard as assessed by peer review, student surveys and other performance review systems	
3.	Effective academic supervision of postgraduate research projects and undergraduate thesis projects	High quality theses, numbers of students, timeliness of completion	
4.	Represent the civil engineering discipline at Faculty and University levels, as well as in external forums	Increased profile of civil engineering discipline	
5.	Participate in a range of administrative functions connected with teaching and research, including attendance at School and Faculty meetings and membership of committees.	Assisting administration at School and Faculty levels	
6.	Work collegially, including mentoring students	Enhanced and collegial working environment	
7.	Comply with the University's research reporting requirements	Publications logged on university database. Meet reporting requirements of research funding agencies.	

8.	Supervisory roles: Communicate and consult with staff on workplace and staffing matters.	To foster direct relationships with staff and enhance engagement with the organisation.	Ongoing
9.	Observe principles and practices of Equal Employment Opportunity	To ensure fair treatment in the workplace	
10.	Have OH&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.	

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.

Reporting Relationships:

Position Reports to:	A/Prof Alex Remennikov (HOS)
The position supervises the following positions:	Nil
Other Key Contacts:	Sub Dean Discipline Advisor Faculty Executive Manager

Key Relationships:

Contact/Organisation:

School Committee
Faculty Committee

Purpose & Frequency of contact

Quarterly meetings
Quarterly meetings

Key Challenges:

1. To contribute to the research field of "Infrastructure Application of FRP Composites" in collaboration with Dr Tao Yu
2. To contribute to teaching of undergraduate subjects in Civil Engineering as specified by A/Prof Alex Remennikov, Head of School of Civil, Mining and Environmental Engineering
3. To help maintain an enthusiastic and productive collegial environment
4. To serve the local and professional community

Knowledge & Skills:

Essential:

- Expertise in the research field of "Infrastructure Application of FRP Composites"
- Ability to teach across the undergraduate program in civil engineering
- Ability to complete research projects and write up the results in publishable form
- Ability to work harmoniously and effectively as a member of a research team

Desirable

- Familiarity with one or more of the following: non-linear finite element modelling of structural behaviour; constitutive modelling of engineering materials (e.g. concrete); laboratory testing of hybrid structures.

Education & Experience:

Essential:

- PhD in Structural Engineering with specialization in FRP composites
- Proven research track record and/or management of research projects in Structural Engineering
- A strong scholarly publication record especially in reputed journals

Desirable

- Experience in applying for competitive funding
- Experience in supervising undergraduate or higher degree research students

Personal Attributes:

The appointee will be expected to work as an integral part of a team. This will require good interpersonal skills, and a willingness to share ideas and experiences.

Special Job Requirements:

None

Organisational Chart:

Please attach an up to date organisational chart to this position description.

Approval:

Approved by Head of Unit: _____

Date: _____

Approved by Human Resources: _____

Date: _____

POSITION CLASSIFICATION STANDARD - Teaching and Research

Level: B
Title: Lecturer

Description

A position classification standard describes the broad categories of responsibility attached to academic staff at different levels. The standards are not exhaustive of all tasks in academic employment, which is by its nature multi-skilled and involves an overlap of duties between levels. **Therefore the standards should not be applied mechanistically. Quality of performance is the principal factor governing level of appointment of individuals, and a broadly-worded skill base is set out for each level.**

All levels of academic staff can expect to make a contribution to a diversity of functions within their institutions. Such functions include teaching research participation in professional activities and participation in the academic planning and governance of the institution. The balance of functions will vary according to level and position and over time.

- General Standard
- Specific Duties
- Skill Base

General Standard

A Level B academic is expected to make contributions to the teaching effort of the institution and to carry out activities to maintain and develop her/his scholarly, research and/or professional activities relevant to the profession or discipline.

Specific Duties

Specific duties required of a Level B academic may include

- The conduct of tutorials, practical classes, demonstrations, workshops, student field excursions, clinical sessions and studio sessions.
- Initiation and development of subject material.
- Acting as subject coordinators.
- The preparation and delivery of lectures and seminars.
- Supervision of the program of study of honours students or of postgraduate students engaged in course work.
- Supervision of major honours or postgraduate research projects.
- The conduct of research.
- Involvement in professional activity.
- Development of course material with appropriate advice from and support of more senior staff
- Marking and assessment.
- Consultation with students.
- A range of administrative functions the majority of which are connected with the subjects in which the academic teaches.
- Attendance at departmental and/or faculty meetings and/or membership of a number of committees.

Skill Base

A Level B academic shall have qualifications and/or experience recognised by the institution as appropriate for the relevant discipline area. In many cases a position at this level will require a doctoral or masters qualification or equivalent accreditation and standing. In determining experience relative to qualifications, regard is had to teaching experience, experience in research, experience outside tertiary education, creative achievement, professional contributions and/or to technical achievement.