



## SELECTION CRITERIA

Use this form to define the selection criteria for an academic position at the University of Adelaide.

### POSITION DETAILS

School/Branch: School of Mechanical Engineering.....

Classification: Level B (Lecturer) .....

### ESSENTIAL MINIMUM CRITERIA

- 1 An undergraduate engineering degree in mechanical, mechatronic, sustainable energy, sports, aeronautical or aerospace engineering or a similar discipline and a PhD (or equivalent experience) in an area relevant to the School's research strengths.
- 2 An excellent publication record and a high citation index relative to opportunity, in high quality journals that have a Mechanical Engineering component or are multi-disciplinary and are assignable to the 0913 Mechanical Engineering Field of Research Code ([www.arc.gov.au/applicants/codes.htm](http://www.arc.gov.au/applicants/codes.htm)) for the Excellence in Research for Australia exercise (<http://arc.gov.au/era/>).
- 3 High levels of written and verbal communication skills.
- 4 Ability to supervise and motivate students at all levels in research.
- 5 Ability to encourage intellectual development and career aspirations of students.
- 6 Ability to work harmoniously and constructively with other members of the School and external partners.
- 7 Ability to attract funding and to develop research programs in the School's areas of research strength in thermo-fluids, materials and structures, acoustics and vibrations, robotics and control, biomechanical engineering, and/or the application areas of energy, aerospace, sports, mechatronics, sustainability, marine engineering, aerodynamic design, assistive technologies and humanitarian engineering.

### DESIRABLE CHARACTERISTICS

- 1 Experience in teaching courses relevant to the School of Mechanical Engineering's programs in mechanical, mechatronic, aerospace, sustainable energy and sports engineering, or similar related subjects.
- 2 Demonstrated effective lecturing techniques and a commitment to excellence in teaching.
- 3 A commitment to collaborative research and consulting with industry partners.
- 4 A commitment to promote the discipline in the community.

<b>Approvals:</b> <b>Head of School / Branch Manager</b>	Head of School Name: Associate Professor Anthony Zander Signature:  Date:
<b>Acknowledgement of Incumbent</b>	I have read and understood the requirements of the position Name: <i>(please print)</i> Signature: Date:

Recruitment Policy	Selection Criteria Form	Effective Date:		Version 1.1
Authorised by	Vice-Chancellor and President	Review Date:		Page 1 of 1
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## SELECTION CRITERIA

Use this form to define the selection criteria for an academic position at the University of Adelaide.

### POSITION DETAILS

School/Branch: School of Mechanical Engineering.....

Classification: Level C (Senior Lecturer) .....

### ESSENTIAL MINIMUM CRITERIA

- 1 An undergraduate engineering degree in mechanical, mechatronic, sustainable energy, sports, aeronautical or aerospace engineering or a similar discipline and a PhD (or equivalent experience) in an area relevant to the School's research strengths.
- 2 Experience in teaching courses relevant to the School of Mechanical Engineering's programs in mechanical, mechatronic, aerospace, sustainable energy and sports engineering, or similar related subjects.
- 3 An excellent publication record and a high citation index relative to opportunity, in high quality journals that have a Mechanical Engineering component or are multi-disciplinary and are assignable to the 0913 Mechanical Engineering Field of Research Code ([www.arc.gov.au/applicants/codes.htm](http://www.arc.gov.au/applicants/codes.htm)) for the Excellence in Research for Australia exercise (<http://arc.gov.au/era/>).
- 4 High levels of written and verbal communication skills.
- 5 Demonstrated ability to supervise and motivate students at all levels in research.
- 6 Demonstrated ability to encourage intellectual development and career aspirations of students.
- 7 Demonstrated ability to work harmoniously and constructively with other members of the School and external partners.
- 8 Demonstrated ability to attract funding and to develop research programs in the School's areas of research strength in thermo-fluids, materials and structures, acoustics and vibrations, robotics and control, biomechanical engineering, and/or the application areas of energy, aerospace, sports, mechatronics, sustainability, marine engineering, aerodynamic design, assistive technologies and humanitarian engineering.

### DESIRABLE CHARACTERISTICS

- 1 Demonstrated effective lecturing techniques and a commitment to excellence in teaching.
- 2 A commitment to collaborative research and consulting with industry partners.
- 3 A commitment to promote the discipline in the community.

<b>Approvals:</b>	Head of School
<b>Head of School / Branch Manager</b>	Name: Associate Professor Anthony Zander Signature: Date:
<b>Acknowledgement of Incumbent</b>	I have read and understood the requirements of the position Name: <i>(please print)</i> Signature: Date:

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