

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) for the Excellence in Research for Australia exercise (<http://arc.gov.au/era/>).
- 3 A commitment to excellence in teaching.
- 4 High levels of written and verbal communication skills.
- 5 Ability to supervise and motivate students at all levels in research.
- 6 Ability to encourage intellectual development and career aspirations of students.
- 7 Ability to work harmoniously and constructively with other members of the School and external partners.
- 8 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, and demonstrated effective lecturing techniques.
- 2 A commitment to collaborative research and consulting with industry partners.
- 3 A commitment to promote the discipline in the community.

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



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 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) for the Excellence in Research for Australia exercise (<http://arc.gov.au/era/>).
- 3 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, with demonstrated effective lecturing techniques and a commitment to excellence in teaching.
- 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 A commitment to collaborative research and consulting with industry partners.
- 2 A commitment to promote the discipline in the community.

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