

# SELECTION CRITERIA

HUMAN RESOURCES BRANCH  
DIVISION OF SERVICES AND RESOURCES



This form is to be used to define the selection criteria for a position within the University of Adelaide. Please refer to additional information at: <http://www.adelaide.edu.au/hr/>

## POSITION DETAILS

School/Branch: MECHANICAL ENGINEERING.....

Position no: ..... Classification: Associate Professor D .....

## ESSENTIAL MINIMUM CRITERIA

- 1 An undergraduate degree in Mechanical, Sports, Biomedical, Biomechanical, Mechatronic, Aeronautical, Automotive or Aerospace Engineering and a PhD (or equivalent experience) in one or more aspects of sports engineering. A Science degree rather than an undergraduate degree in engineering may be acceptable if candidates can demonstrate extensive practice in sports engineering.
- 2 Experience in teaching engineering-related subjects, with a preference for subjects related to sports engineering
- 3 A passionate interest in sport, preferably as a participant.
- 4 Ability to demonstrate effective lecturing techniques and commitment to excellence in teaching.
- 5 High levels of written and verbal communication skills.
- 6 Ability to supervise and motivate students in research.
- 7 Ability to encourage intellectual development and career aspirations of students.
- 8 Ability to work harmoniously and constructively with other members of the School.
- 9 Ability to procure funding and develop research programs in appropriate areas of interest.
- 10 A commitment to collaborative research and consulting with sporting bodies and industry.
- 11 An excellent publication record and evidence of substantial research funding.

## DESIRABLE CHARACTERISTICS

- 1 Familiarity with Australian Industry.
- 2 Demonstrated research capability.
- 3 A commitment to promote the discipline in the community.

## ABOUT SPORTS ENGINEERING

Sports Engineering is an ambitious new multi-disciplinary program that combines mechanical engineering, physiology and bio-mechanical engineering to develop new technologies, equipment and facilities for elite sports as well as exercise and rehabilitation equipment for sports people.