



Call for Expressions of Interest: Engineering Futures Initiative

6th March, 2023

The Australian Council of Engineering Deans (ACED) has recently funded the establishment of the Engineering Futures Initiative. The Initiative will lead, drive, and host the activities necessary for progressive implementation of the Engineering Futures 2035 recommendations at a national level. The Initiative will, in the first 12 months, implement a **national student projects** program in partnership with industry, establish associated **national benchmarking approaches**, and collate **exemplars, practice guides and case studies** to guide curriculum innovation with an initial focus on human/social-oriented curriculum and pedagogy.

ACED is seeking expressions of interest from individuals or small teams to staff the initiative and enact the plan set out in the Engineering 2035 Implementation Project – Phase 1. In this first phase, fulfilment of two key roles is sought:

Program design lead, with the following key responsibilities:

- Educational design and development, including identification and collation of good practice exemplars and resources.
- Design, Planning and development of Initiative programs of work (industry projects, benchmarking methodology, exemplars, etc.)
- Establishment of EFI procedures and policies in collaboration with the ACED appointed oversight committee
- Stakeholder engagement, involvement and negotiation (e.g., educators, industry, EA colleges, etc.)
- Design and leadership of industry engagement activities
- Design and delivery of academic development opportunities

Desirable qualifications and experience:

- Leadership track record in engineering education, particularly project-based learning
- Experience in successful education design and implementation
- Bachelor of Engineering or equivalent
- Experience in or working closely with engineering industry
- Experience in stakeholder management
- Familiarity with Intellectual Property matters in Higher Education

Coordination lead, with the following key responsibilities:

- Scheduling of activities and programs
- Oversight of finances
- Website development and communications
- Administration and coordination of industry engagement activities, and maintenance of industry relationships
- Communications across stakeholder groups and coordination of stakeholder contributions
- Implementation of programs of work, including participant registration, records, follow up communications, and evaluation

Desirable qualifications and experience:

- Experience in engineering education, particularly project-based learning
- Program coordination/implementation track record in Higher Education
- Experience in successful education design and implementation
- Experience in stakeholder management and communications

The funding available over the first 12 months of operation to cover both of these roles is \$180,000. Subsequent funding availability is subject to funding and sponsorships secured during the first 12 months. Appointment will be on a contractor basis, with proposed approaches to achieving the above, hours, days of work and exact funding amounts to be negotiated with prospective candidates. Expressions of interest from individuals, small teams, or existing organisations are welcome. EOIs for both roles to be fulfilled by one person or organisation are also welcome.

For further information, please contact tom.goldfinch@sydney.edu.au.

Expressions of interest should include no more than two pages addressing your suitability for either role and experience in related activities, plus a CV. EOIs close Friday, 31st March 2023 and should be submitted via email to tom.goldfinch@sydney.edu.au.