

WORKSHOP

National Competency Standard for Engineering

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WORKSHOP MODE

This workshop will be facilitated in-person.

OVERVIEW OF WORKSHOP

This workshop will provide an update and build upon the 2023 AAEE workshop “National Competency Standard” the Engineers Australia Competencies.

A new National Competency Standard for Engineers (NCSE) is being developed by Engineers Australia – incorporating into a single standard the entry-to-practice (stage 1) competencies and independent (stage 2) competencies for the three occupational categories of Professional Engineer, Engineering Technologist and Engineering Associate.

It is anticipated EA will have a (near final) version of the NCSE available for this workshop to share with participants, affording an opportunity to contribute to the final version and the outcomes of future education programs.

ACTIVITIES

Activities will include an introduction to the (near final) version of the National Competency Standard for Engineers followed group based discussion. The workshop will conclude with participant groups sharing their views.

TARGET AUDIENCE

The target audience is Australian Engineering Educators, and any other Engineering Education stakeholders. No prior knowledge is needed, but an awareness of the current competencies and how they are embedded within educational programs would help.

OUTCOMES

The outcomes for those participating in the workshop is an increased knowledge and understanding of the new National Competency Standard for Engineering and how these will influence their own program learning outcomes and practice. Additionally, participants have the opportunity to contribute to refining the final version. Participants improved knowledge and understanding of the competencies will in turn equip them with the knowledge to effectively review and develop their own units as the new standard comes into effect at their own institutions.

KEYWORDS

Competencies, Accreditation, Graduate attributes

PRESENTERS' BACKGROUNDS

Bernadette Foley is the Acting Chief Engineer for Engineers Australia, with a mix of industry, education experience. Dr Rob Jarman is the Credential Project Lead at Engineers Australia; formally Head of Credentials Development at EA and ADTL at UTS with over 30 years industry and higher education experience. Dr Prue Howard is the Project Lead for the EA Competency Review Project. She is also an AEAC Visit Manager, and has 30 years experience as an engineering educator.