



Research in Engineering Education Symposium & Australasian Association for Engineering Education Conference

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WORKSHOP

EA Accreditation as an evidence-based evaluation process

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WORKSHOP MODE

The workshop will be facilitated in hybrid mode during Perth business hours.

OVERVIEW OF WORKSHOP

Program accreditation is an evidence-based evaluation process to determine if educational programs meet defined outcomes: the Engineers Australia (EA) Stage 1 Competency Standards for the three different occupational categories. Part of this process is the mapping of Program learning outcomes to EA Stage 1 Competencies, as well as the mapping of Unit learning outcomes to Program learning outcomes. A revised Accreditation Management System, to streamline accreditation criteria and consolidate documentation was introduced in 2019. While this has not fundamentally changed requirements, it has resulted in some changes to expectations for submissions.

This workshop aims to demystify the accreditation process and provide participants with practical tools to assist in the preparation of their next accreditation review. While structured for a 5-year general accreditation review, the workshop will also be applicable to special reviews including new programs.

ACTIVITIES

Participants will be able to explore accreditation requirements, map out key questions/tasks and develop an accreditation preparation plan for their next accreditation review. Participants will also be given the opportunity to understand how their activities relate to emerging accreditation trends, issues and concerns.

TARGET AUDIENCE

The workshop is specifically designed for academic and professional support staff likely to be involved in the accreditation of engineering programs at their institution over the next 12-24 months. This includes: Program Coordinators/Directors; Associate Deans; and accreditation or work integrated learning (WIL) support staff. While targeted at those with upcoming accreditation reviews, it is open to all with an interest in increasing their understanding of accreditation.

OUTCOMES

Participants will understand current accreditation requirements, particularly with respect to preparing for upcoming accreditation reviews.

KEYWORDS

Accreditation, constructive alignment, outcomes-based, Stage 1 competency standard, Mapping

PRESENTERS' BACKGROUNDS

Bernadette Foley is the General Manager, Professional Standards for Engineers Australia and has responsibility for all accreditation activities undertaken in Australia. She also manages and reports on Engineers Australia's obligations as a signatory to the Washington, Sydney and Dublin Accords. Bernie has a mix of industry and academic experience, including overseeing accreditation activities from the providers perspective, as an Associate Dean (Education).

Co-facilitators will include an Alan Bradley as in his role as EA Visit Manager and Professor Bill McBride to provide recent accreditation review experience from the academic perspective. These facilitators will be able to provide on the ground experience and tips for successful accreditation.

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