



College of
Leadership &
Management



Technical Society Membership

Value Proposition

The College of Leadership and Management (CLM) was established to support your engineering leadership journey by: providing professional development; promoting engineering leadership; and providing local networks through a rich program of engagement and development opportunities across the country. CLM is the home to areas of practice that transcend traditional engineering disciplines, including cost engineering; risk engineering; systems engineering; asset management; and project management. Through its affiliated Technical Societies, the College of Leadership and Management supports your career journey as you build on your skills and experience.

Leadership and management of complex projects and services:

As engineering leaders, we migrate from the details of our specialisations to the broader view, which is particularly relevant for large government projects such as infrastructure and defence. CLM fosters the opportunity for you to provide leadership in the focussed delivery of engineered projects, based on an in-depth understanding of design and risk. Technological advancement is bringing rapid change to engineering and our Technical Societies are the homes of areas of practice that will provide you with knowledge to enable you to meet the challenges that change brings. Each of the CLM Technical Societies contributes to these overarching objectives with different but complimentary offerings. Cost engineering enables reliable delivery to time and cost on complex projects; Risk engineering manages uncertainty to realise opportunities through engineering innovation; Asset management focuses on effective delivery of services

from engineered assets; Systems engineering employs a holistic approach managing and designing interactions across complex systems to build resilience and enhance sustainability. CLM Technical Societies collaborate with the CLM Branches to deliver joint sessions on these common themes.

Continuing Professional Development - Certification/Chartered Pathways and CPD value:

Engineers Australia has worked with the Technical Societies affiliated with CLM to develop certification frameworks for demonstrating competencies in a number of non-traditional areas of professional practice. For example, certifications by the Association for the Advancement of Cost Engineering (AACE International) for cost engineers are now recognised by EA. For systems engineers, certifications by the International Council on Systems Engineering (INCOSE) are now recognised by EA. A key objective of CLM, through its Technical Societies and Branches, is to provide relevant quality Continuing Professional Development (CPD) and to facilitate information sharing. We will be providing a combined calendar of events and seminars on the CLM website soon.

Knowledge sharing:

Our affiliated Technical Societies collectively provide windows to an enormous body of knowledge and this will become available through a portal on the CLM website. The CLM website will grow to become a trusted source for information of relevance to all members of Engineers Australia, and to facilitate communication with our member groups.



RISK ENGINEERING
SOCIETY

Risk Engineering Society (RES):

www.engineersaustralia.org.au/Communities-And-Groups/Technical-Societies/Risk-Engineering-Society

The Risk Engineering Society (RES) actively contributes to the effective management of risks in the enterprise and in the community. We do this by collecting and disseminating information on all aspects of risk engineering, organising technical meetings and conferences and liaising with interested organisations. We place special focus on risk issues associated with construction, design, safe plant operation and management. We actively collaborate and support all EA groups in their quest to further develop the ability of the engineering profession to deal with uncertainty in all its aspects and opportunities.



Australian Cost
Engineering Society

Australian Cost Engineering Society (ACES):

www.engineersaustralia.org.au/Communities-And-Groups/Technical-Societies/Australian-Cost-Engineering-Society

The Australian Cost Engineering Society (ACES) is the Australian section home for the Association for the Advancement of Cost Engineering International (AACEI). Money and time are fundamental to the success of every engineered project. Cost engineers work in project teams to establish budgets and plans, and then manage change, and forecast results so that project teams can measure performance, report status, communicate with stakeholders, and plan to achieve with no surprises. Cost engineers also work across diverse fields and activities covering all aspects of cost control including: asset management; business and project modelling; estimating; planning and scheduling; risk and change management; value engineering and claims analysis.



Systems Engineering Society of Australia (SESA):

www.sesa.org.au

The Systems Engineering Society of Australia (SESA) is the leading professional body for promoting and advancing complex systems engineering within Australia. SESA is a Technical Society of EA and the Australian chapter of the International Council on Systems Engineering (INCOSE). SESA seeks to increase the awareness of systems engineering to as broad an audience as possible and to provide an authoritative knowledge base to support systems engineering practitioners in Australia. In alignment with the mission of EA and INCOSE, the mission of the SESA is to share, promote and advance the best of systems engineering for the benefit of Australian organizations and community.



ASSET MANAGEMENT COUNCIL

Asset Management Council (AMC):

www.amcouncil.com.au

The Asset Management Council is the internationally recognised peak body for asset management in Australia, a professional membership-based, not-for-profit organization and a Technical Society of Engineers Australia charged with furthering the science and practice of asset management for the benefit of the community. We are the curators of the Asset Management Body of Knowledge (AMBoK), providing information and guidance across a multitude of industries and professional roles. We are at the forefront of international asset management practices and knowledge across the world through relationships with the Global Forum in Asset Management (GFMAM) and World Partners in Asset Management (WPIAM). Our vision is to "enable value from effective asset management".



ENGINEERS
AUSTRALIA

Your Engineering Leadership Journey starts here!

www.engineersaustralia.org.au/Communities-And-Groups/Colleges/Leadership-And-Management

Membership of the College of Leadership and Management and its affiliated technical societies (risk, cost, systems and asset management) will connect you with experienced, like-minded professionals, to enrich your understanding and knowledge; provide opportunities to share your insights and develop your communication skills; enhance your reputation; and give you the satisfaction of contributing back to your profession.