IMarEST CAREER PATHWAYS

Offshore Engineer

Academic achievements, training and experience

Higher Education Student/ Trainee

Complete 3 to 5 years of academic studies and practical experience through placements/ on-the-job training

Complete a bachelor's degree or equivalent in an engineering field

Complete Basic Offshore Safety Induction and Emergency Training (BOSIET)

Mid-level Offshore Engineer

Complete up to 6 years within a mid-level role developing technical experience and leadership skills

Complete specialised training in offshore design and engineering, operations, and/or specific engineering systems

Complete a master's degree or equivalent in an engineering field

Senior-level Offshore Engineer

Complete up to 10 years successfully leading offshore projects or installations

Complete specialised training relevant for the role

Complete leadership and management training

Management-level Offshore Engineer

Complete Offshore installation manager (OIM) certifications or equivalent

Complete studies towards an advanced degree or an academic doctorate (e.g. PhD) in Engineering Management, or a related field

How IMarEST can support you throughout your career journey

Join as a free student member to access a wide array of learning resources, community support and guidance

Explore Special Interest Groups (SIGs) for further learning and networking

Gain industry recognition with:

Associate Member grade (AMIMarEST)

Engineering Technician professional registration (EngTech/MarEngTech)

Develop your skills, professional reputation, and network through engagements and volunteering with SIGs and membership branches

Gain industry recognition with:

Member grade (MIMarEST)

Incorporated Marine Engineer professional registration (IEng/ IMarEng)

Develop your leadership capabilities through mentoring opportunities

Expand your knowledge and specialisms through the cross-disciplinary SIGs

Gain industry recognition with:

Fellow membership grade (FIMarEST)

Chartered Marine Engineer registration (CEng/ CMarEng)

Strengthen your professional standing through presentations, publications, and/or delivering training

Shape the future of your industry through technical leadership or high-level volunteering roles

Overview of career pathway

A career in offshore engineering involves designing, constructing, installing, commissioning, and maintaining marine structures (e.g. ships, floating drilling vessels, semi-submersible rigs, offshore wind platforms etc) and subsea systems (used for the safe exploration, drilling, and development of underwater oil and gas fields). Offshore engineers play a crucial role in EPIC (engineering, procurement, installation, and commissioning) projects and typically require a strong engineering education or extensive industry experience from another engineering field.