

# How to thrive in first year engineering

## PROFESSIONAL INSTITUTIONS

Throughout your career, there are a number of engineering institutions that will help you develop. These institutions will ensure you gain accreditation for what you learn at university through chartership, and assist with CPD.

Continuing Professional Development (CPD) are the requirements set out for you to become a chartered engineer. This includes attending industry talks and being involved with the institution you are registered with. All of these institutions are regulated by the Engineering Council.

To gain chartership, you will likely need a MEng degree or a BEng with further learning after graduation. Benefits of chartership include accelerated career progression.

Examples of institutions are listed below:

### IET (Institution of Engineering & Technology)

IET is a multidisciplinary professional engineering institution with a global presence. The institution has a focus on electrical engineering however provides a wide range of opportunities for engineers from all backgrounds. Student membership is £20 per year or £50 for the duration of your course. Opportunities for students include:

- IET Diamond Jubilee/Engineering Horizons Scholarships
- Travel Grants
- IET Present Around The World Competition

### iMechE (Institution of Mechanical Engineers)

iMechE represents mechanical engineers across the profession, headquartered in London. They have over 120,000 & free student affiliate membership. It was founded in 1847 and relevant student opportunities include:

- Best Student Prize
- Formula Student (Warwick Racing)
- Young Members Board

### ICE (Institution of Civil Engineers)

ICE is the oldest of all institutions, being founded in 1818, and it currently has members in over 150 countries. They work to shape the world through the built environment and provide educational seminars. Student opportunities include:

- QUEST Kenneth Watson Travel Award
- ICE Pitch 200 Competition
- ICE Graduate & Students Committee

