

Online CPD certificate in professional engineering

Graduate development programme

Duration

6 months

Award

Successful participants will receive a CPD Certificate in Professional Engineering from Technological University Dublin (TU Dublin), which is worth 5 ECTS credits at Level 9 on the National Framework of Qualifications (NFQ).

Programme overview

The transition from University or college life to the world of work requires substantial application and attention. The CPD Certificate in Professional Engineering has been specifically designed in partnership with leading employers to allow recent graduate engineers to get to grips quicker with the professional standards expected of those working in engineering-led teams and organisations. The CPD Certificate programme is delivered on a part-time basis comprising six mandatory module components, approximately one weekday per month, for six months. Each module component is supplemented by learning contract agreements which are used to ensure the transfer of learning from each module component to the workplace in a manner that allows for a measurable and verifiable improvement in competence.

Programme module components

- Essential skills of a future professional
- Time management and organisational skills
- Communication and presentation skills
- An introduction to project management
- Technical report writing
- Innovations in excel for engineers

Entry requirements:

Graduate applicants must be members of Engineers Ireland and hold a minimum qualification of an NFQ Level 8 Honours Degree in Engineering (or equivalent). All applicants must be in a position to apply insights and learning on tasks and projects within their work organisations.

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www.engineersireland.ie

Past participant testimonials

I found the CPD Certificate in Professional Engineering programme very beneficial and believe that the skills which were taught throughout the modules will stand to me as I progress on in my career.

Nicole Jinks, Graduate Engineer, ESB Networks

I found the CPD Certificate in Professional Engineering extremely beneficial and relevant to the work I am doing. I was able to apply the learning from all the modules, in some form, to my day to day role. I would certainly recommend this course to all graduates as it picks up on industry related skills that may not get covered in college.

Killian Burke, Business Analyst, DePuy Synthes

I found the CPD Certificate in Professional Engineering to be extremely beneficial to an engineer just beginning his career. It was particularly helpful to know that other graduate engineers were experiencing the same pressures and asking the same questions as myself.

Colm Hoey, Graduate Engineer, Roughan & O'Donovan Consulting Engineers

I thoroughly enjoyed undertaking the CPD Certificate in Professional Engineering. All module components were very relevant and helpful to apply to my work to assist in bridging the skills gap from studying to the working environment. Using the SMART format in the learning contracts provided an excellent sense of achievement during their review at the end of the module and I intend to refer back to these for guidance into the future.

Aisling Smith, Graduate Engineer, ESB

The CPD Certificate in Professional Engineering has broadened my knowledge of certain topics, helped develop skills in key areas that are essential for developing a successful career and introduced me to new ways of thinking and skills which I will implement on a continuous basis.

Cian Clarke, QC Analyst - Lab Services, Janssen Sciences Ireland

I found the CPD Certificate in Professional Engineering to be quite enjoyable and I feel that I have taken something positive from each day. The tutors were exceptionally knowledgeable in their respective fields and each had very impressive credentials to back up their points. Everyone must begin somewhere and I feel that this experience has been a very beneficial starting point as I begin to develop as a young engineer.

Sinclair Dowey, Electrical Engineer, Smart Grid Solutions, ESB International

"I found the CPD Certificate in Professional Engineering programme to be thoroughly enjoyable and relevant to my line of work. The skills that were taught during the different module components will be used on a daily basis, both inside and outside of the organisation. I would recommend this course to other professionals who are starting out in their career as it teaches the essential skills needed to be successful in any business."

Vivienne Lynch, Supply Chain Specialist, DePuy Synthes Cork

Employer testimonials

Engineers Ireland's CPD Certificate in Professional Engineering forms a key part of our 2-year graduate development programme at Roughan & O'Donovan. Every year, our graduates participate in the programme, and every year the feedback is positive. Well-structured and expertly delivered, it supports our efforts to provide graduates with the best foundation to become well-rounded engineers and boosts their confidence as they make the transition from college to working in a professional consultancy.

Edward Warren, Chartered Engineer, Associate and CPD Manager, Roughan & O'Donovan Consulting Engineers

Engineers Ireland's CPD Certificate in Professional Engineering programme is a great way to equip young graduate engineers with the knowledge, skills and behaviours that we require of Professional Engineers at ESB. The feedback from our graduates, who participate in the programme, is always positive and the programme plays an important part in building broad engineering competency to prepare young graduates for their future career and on towards achieving Chartered Engineer status. The courses are delivered by expert tutors and there is always a high level of engagement which helps to create a strong learning environment

Colm de Búrca, Engineering Development Manager, ESB

Companies who have used the programme:



Energy for
generations



To view full details including entry requirements, please go to:

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