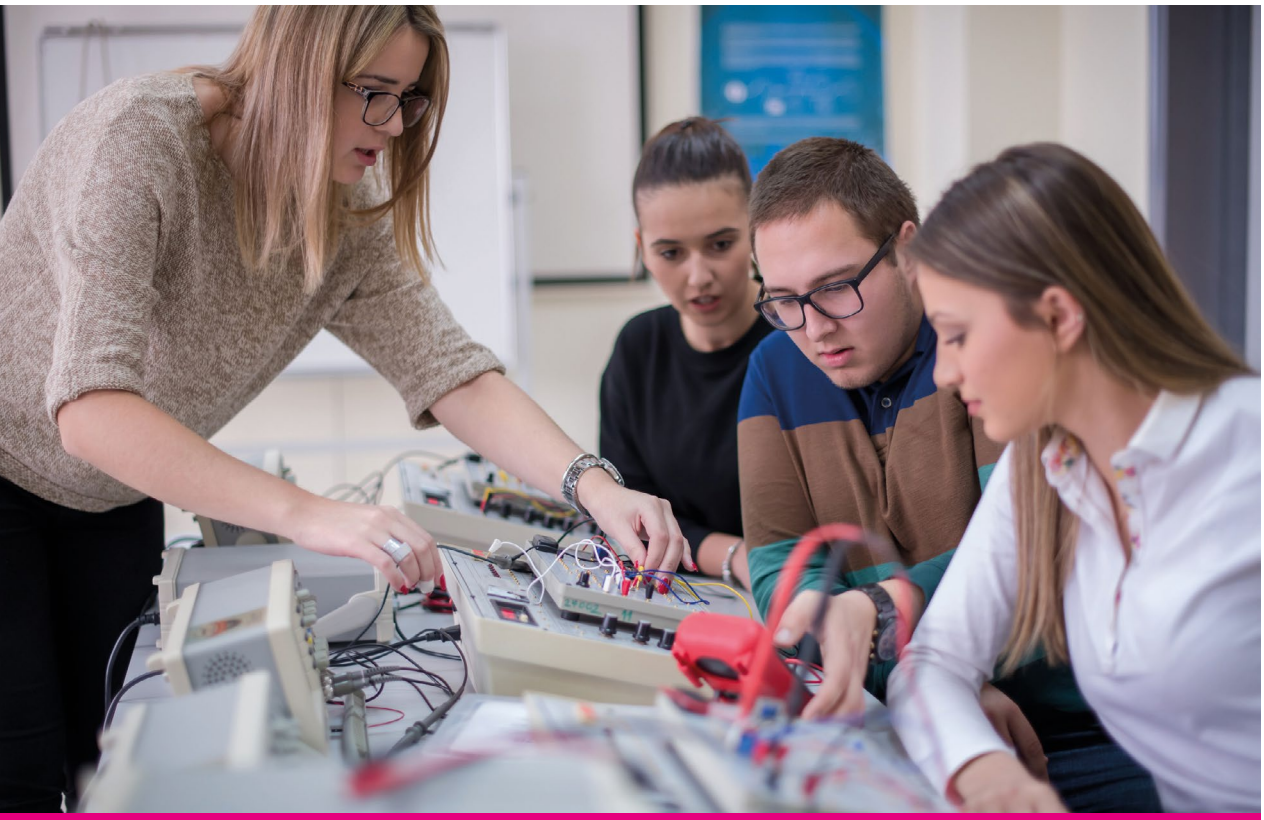
Ollscoil na Gaillimhe
University of Galway

Coláiste na hEolaíochta
& na hInnealtóireachta

College of Science
& Engineering



BE/ME

Electrical and Electronic Engineering

University
*of*Galway.ie

BE/ME

Electrical and Electronic Engineering

Why choose this course?

This course provides you with the skills needed to design electrical and electronic products that are ever more intelligent, energy efficient, inter-connected and safe.

The programme will give graduates the knowledge and skills needed to design and develop innovative technologies for a wide range of industry sectors. It incorporates the design and development of devices, circuits and systems that are used in a wide range of hightech products and so it will appeal to students who like to understand how technology works, and who have an interest in electrical or electronic circuits. Students who enjoy science, and particularly physics, are usually attracted to it.

Course Overview

This programme provides a solid technological base from which a career in electrical and electronic engineering can be launched, along with the basic skills needed to sustain professional development throughout a graduate career. It combines coursework, laboratory classes and projects to develop knowledge and skills in different aspects of electrical and electronic engineering.

Career Opportunities

Graduates of this programme are in high demand in a wide range of industries, including automotive electronics, microelectronics, electrical engineering, renewable energy, automation, medical devices, and telecommunication. Electrical and Electronic engineers work in a variety of roles including product design and development, field testing, applications engineering, electrical consultancy and project management.

Duration

4/5 years

> **The Electrical and Electronic Engineering programme is a great combination of theoretical, practical, and professional work that provided me with a strong foundation to build upon. With the wide range of skills I gained from this course, I am well equipped to work as a researcher based in industry to develop more efficient power electronics products.**
>
> **Oisin Anderson**
> Graduate

Find out more
The College of Science and Engineering

Mary Costello
Electrical and Electronic Engineering
+353 91 492 728
mary.costello@universityofgalway.ie

University *of* Galway.ie