

# Electronic and Electrical Engineering

Robert Gordon University

## Content

### YEAR 1

Professional Skills, Statics and Dynamics, Mathematics, Analogue Electronics and Signals, Digital Electronics and Engineering Programming, Product Development, Introduction to Electronic Engineering.

### YEAR 2

Electronics, Telecommunications, Computer Engineering, Electrical Systems, Electrical Power, Engineering Design and Professional Development, Mathematics.

### YEAR 3

Signal Acquisition, Instrumentation and Control, Electronics, Analogue and Digital Communications, Embedded Systems, Group Project, Object Orientated Software Development.

### YEAR 3 (MEng fast-track only)

Pre-Project Industrial Placement, Socially Responsible Management, Principles of Asset Management.

### YEAR 4

Control and Signal Processing, Advanced Electronics, Honours/MEng Project, Electrical Machines & Drives, Advanced Digital System Design, Safety, Risk and Reliability Management, Electrical Power Systems.

### YEAR 4 (MEng fast-track only)

Advanced Signal Processing and Systems Analysis, Post-Project Industrial Placement, Quality Improvement and Statistical Process Control.

### YEAR 5 (5 Year MEng only)

Real-Time Embedded Systems, Group Project, Principles of Asset Management, Advanced Signal Processing and Systems Analysis, Internet Security, Quality Improvement and Statistical Process Control.

## Start Date

September

## Qualification

Degree

## Study Method

Full time

## Award Title

MEng

## UCAS Code

H600

## Course Length

4-5 years

## Department

School of Engineering

## Entry Requirements

2025 entry requirements

Standard entry:

4 Highers at BBBC including Maths and Engineering Science, Physics or another technological subject plus English at National 5 (if not held at Higher).

Widening access entry:

4 Highers at CCCC including Maths and Engineering Science, Physics or another technological subject plus English at National 5 (if not held at Higher).

## SCQF Level

11

## Progression Routes

«ProgressionRoutes»

## Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

## Address

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Aberdeen  
AB10 7QB

## Website

[www.rgu.ac.uk](http://www.rgu.ac.uk)