

## Engineering Bridging: Mechanical

Edinburgh College

### Venues

Online only

### Content

This bridging course is designed to provide you with a solid foundation in a range of modules from Thermofluids to Engineering Principles as well as Mathematics support. This is the building blocks of the mechanical engineering discipline. It combines a strong basis for support in engineering techniques to provide a complementary blend of skills required to solve mechanical engineering problems in a wide variety of fields, such as the traditional energy and renewable energy sector, manufacturing, transport sector, materials amongst other fields.

Content: Evaluation of formulae; Quadratic equations; Simultaneous equations; Indices; Trigonometry and functions; Scaling factors and units; Areas and volumes; Newton's Laws; Measurement acceleration, force and mass; Energy and laws; Gas laws; Practice test papers.

### Start Date

Flexible

### Qualification

Other

### Study Method

Distance and Flexible learning

### Course Length

Flexible

### Department

Engineering

### Entry Requirements

No formal entry requirements.

### SCQF Level

6

### Progression Routes

Relevant HNC or HND engineering courses.

## Website

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