

Engineering Systems with Renewable Energy

Borders College

Venues

Scottish Borders Campus
Tweedbank Campus

Content

The course provides learners with an excellent foundation in the basic principles of Engineering Systems and reflects the need for multidisciplinary engineering technicians working in emerging and expanding local industries such as renewable electricity generation. The course is a mix of theoretical and practical activities within electrical and mechanical engineering disciplines. There is an emphasis on developing practical engineering skills. Units have been selected to compliment and support each other. Assessment is based around written assignments, practical tasks and manufactured outcomes.

Subjects studied include: Engineering principles, test and measurement, electrical wiring skills, fabrication skills, assembly skills, manufacturing components on a lathe and building domestic wind turbine systems. Practical activities will be undertaken in the mechanical engineering workshop at Tweedbank.

Start Date

August

Qualification

NC

Study Method

Full time

Course Length

36 weeks

Department

Engineering and Motor Vehicle

Entry Requirements

3 subjects at National 4 including Maths and science or technological subjects.

SCQF Level

5

Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

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