

# COURSE INFORMATION



University  
Centre  
Somerset

Part of Bridgwater & Taunton College

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## BTEC Level 5 HND Electrical and Electronic Engineering Top-up

<b>Subject:</b>	Engineering
<b>Type:</b>	HND Level 5
<b>Course Code:</b>	TEH149B/JM1
<b>Attendance:</b>	Part Time
<b>Location:</b>	Bridgwater
<b>Awarding body:</b>	Pearson

### Who is this course for?

This part-time course requires attendance at college for one day per week. The course is designed for those already working in electrical engineering and looking to develop their career after successfully completing their HNC course. Learners study in new, state of the art engineering facilities and supported by a team of experienced professionals. Facilities include substantial investment in robotic, PLC, CNC, CAD and process control technology. This course can also form the academic part of a Higher Apprenticeship.

### Description

The course builds on the units completed during a HNC programme to 'top-up' to a level 5 qualification. The course includes the following units:

- Business Management Techniques
- Quality Assurance
- Quality and Business Improvement
- Managing People
- Managing Individual and Teams
- Design for Manufacture
- Health, Safety & Risk Assessment

This course runs one day a week for the whole academic year. Learners attend College for one full day a week and will be expected to complete written assignment work in self-study time at home.

Read the course handbook [here](#).

### What makes this course special?

University Centre Somerset constantly make substantial investments in innovation to improve our facilities and to provide students with exceptional learning environments with workshops and laboratories for their education and training. The Energy and Skills Centre and the Advanced Engineering Centre are both examples of this constant effort.

Undergraduates can take full advantage of the fully stocked and dedicated, machining, welding & fabrication workshops, and laboratories equipped with the latest Robotic, CAD/CAM, CNC, Materials, Pneumatic/Hydraulics, Programmable Logic Control, Electronics and Process Control Technology give them unrivalled access to the latest industry standard training and education.

You will learn through a combination of lectures, directed study, assignment work, practical exercises and the completion of a work-based project relevant to your employment.

This course focuses on the management side of the engineering industry and adopts some strong working principles. All elements of the HND are delivered by staff with strong academic and industrial experience.

### **Teaching and Assessment**

Assessment will be via assignments. Continuous assessment of learner performance is carried out by means of assignments and may include verbal presentations, projects, group-work, practical exercises, written reports and integrative assignments that link various subject areas.

### **Progression Opportunities**

You can look for work in a broad range of engineering occupations in engineering systems, process control, electrical or electronics engineering or engineering maintenance or project leader in industry.

Many graduates from the HND course have gone on to study at degree level or have secured higher positions within their companies as electrical engineers, managers and project team leaders.

### **Entry Requirements**

This is a one-year top-up following the successful completion of an HNC in Electrical and Electronic Engineering.

Students will progress onto this course having studied one of the current HNC Engineering programmes within University Centre Somerset's Engineering department. HNCs awarded by other institutions will also be considered.

Applicants who are non-native English speakers, or who have not studied the final two years of school in English, can demonstrate a capability of English at a standard commensurate with IELTS 5.5, with a minimum of 5.0 being awarded on individual sections.