

# Ivybridge Community College

## Career of the Week



### Autumn Term

**Job Title: Electrical Engineer**

**Salary: £27,000 - £58,000 (experienced)**

**Working Hours: 35 - 40 hours per week, you may work outside of normal working hours occasionally. You could work in a factory / power station / workshop / in a Research and Development facility.**

### How Can I Get There? / Routes of Entry:

- University (Electromechanical, Applied Physics, Aeronautical Engineering, Mechatronics Degree)
- Sixth Forms and local Colleges
- Apprenticeship (Level 6 Degree Apprenticeship)

### Local Providers:

- Ivybridge Community College and other local Sixth Forms
- City College, Plymouth / Exeter College
- South Devon University Technical College / University Technical College, Plymouth
- University of Bath / University of Bristol / University of Exeter / University of Plymouth

### Skills Required:

- Knowledge of Mathematics, Engineering Science and Technology
- Complex problem - solving skills
- Design skills and knowledge
- To be thorough and pay attention to detail, as you may be testing installations and systems
- The ability to work well with others such as technicians
- Excellent verbal communication skills
- Good skills in Information Technology, as you may draw up project plans and technical diagrams using engineering design software such as Computer - Aided Design.

### Local Employers:

- Plessey
- RJ Electrical Engineering Ltd
- Babcock
- BAE Systems
- Mars Wrigley

### Progression:

You could work towards professional registration such as Chartered or Incorporated Status. You could specialize in a particular industry such as Manufacturing or Renewable Energy. You could move into a senior role such as Electrical Design / Research and Development / Consultancy.