

Engineering BTEC

Course structure and content:

This course provides opportunities for developing the practical employability skills needed by our local and national engineering companies. The course consists of the following units:

- Health & Safety in the Engineering Workplace • Engineering Project
- Communications for Engineering Technicians • Mathematics for Engineering Technicians
- Electrical and Electronic Principles • Mechanical Principles and Applications
- Engineering Drawing for Technicians • Engineering Design
- Business Operations in Engineering
- Computer Aided Drafting in Engineering
- Properties and Applications of Engineering Materials

A strong theme of this course will be the opportunity to engage in project based learning, work experience with an engineering company and to engage in original research with support from leading universities.

How will I be assessed?

The course will consist of a range of assessment methods; assignments which are set and marked by the College and a range of external assessments marked by the exam board.

The course promotes skills in:

Team building, problem solving, communication, numeracy, co-ordination, safe working practices and employability.

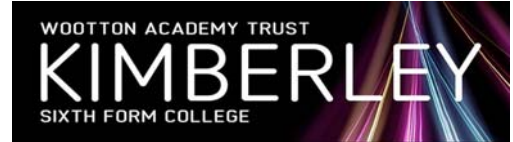
What kind of student is this course suitable for?

A variety of assessment methods are available making this course suitable for students who have an academic background but also enjoy developing their practical skills. Unit 1 does require high levels of mathematic competency. The course will seek to promote a realistic scenario for learners to work with and make maximum use of practical activities.

What could I go on to do at the end of my course? Progression routes at the end of the course are very strong leading to a STEM subject at University, a Higher Apprenticeship, Direct Employment, a Foundation Degree or HND/HNC/NVQ



What if I need further advice or information? Speak to a member of the department engineering@wootton.beds.sch.uk



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