

Why study BTEC Double Engineering?

This course includes all of the content, coursework and exams included in the Single Engineering Course, so please also read those details.

What will I study in addition to Single Engineering?

There will be a considerable amount of extra written coursework. Running alongside the single engineering units, you will learn basic machining skills, designing and making and will learn how manufacturing companies are set up as successful businesses including quality, financial and systems considerations. Students not taking A level Maths will be able to take an optional 'Additional Maths' unit to support their application to university, should it be needed.

Assessment

The two exams will account for one third of your total grade. In total you will need to complete 24 significant pieces of coursework over the two years, so you will need good organisation and motivation skills to keep up. On top of the single engineering units you will study:

Unit	Title	Assessment
5	A Specialist Engineering Project	Coursework
9	Work Experience in the Engineering Industry	Coursework
39	Modern Manufacturing Systems	Coursework
40	Computer Aided Manufacturing and Planning	Coursework
41	Manufacturing Secondary Machining Processes	Coursework
42	Primary Manufacturing Processes	Coursework



Student Perspective

Curtis, one of IKB's founding students, studied double engineering and Product Design. The Engineering Principles exam gave him a great grounding in the physics principles needed to study Motorsport Engineering at university. He also developed excellent CAD and design skills and a good grasp of manufacturing processes, which have helped with his degree.

Study trips, visits and events

You will also have the opportunity to visit other local companies including Beaufort Bespoke to discover how they design and manufacture for individual clients.

Subject entry requirements

5 in at least one Science plus 5 in Maths.