

HIGHER EDUCATION COURSE INFORMATION

COURSE TITLE

BTEC Higher National Certificate in Engineering (Level 4) (RQF)

TYPICAL ENTRY REQUIREMENTS

BTEC Level 3 qualification in a related subject – which is no lower than MPP or related level 3 qualification - which demonstrates strong relevance in a subject related to the programme of study and equates to no fewer than 64 UCAS points.

Access to Higher Education Certificate awarded by an approved further education institution.

Related work experience and a genuine commitment (for mature applicants without formal qualifications) as well as completing a screening test to ascertain academic level. All applicants will be subject to a formal interview.

CORE MODULES AND AN INDICATION OF *LIKELY* OPTIONAL MODULES

Unit 2 engineering maths
Unit 3 Engineering Science
Unit 7 Machining and Processing
Unit 19 Electrical and electronic principles
Unit 22 Electronic circuits and devices
Unit 23 Computer aided design and manufacture
Unit 31 Electrical fault finding
Unit 8 Mechanical principles
Unit 13 Thermodynamics
Unit 1 Engineering Design
Unit 78 PLC

Unit 4 managing a successful engineering project

EXPECTED WORKLOAD

A range of teaching and learning methods including one-to-one tutorials and workshop-based practice, seminars and lectures. Open and flexible learning approaches which are developed through the use of a range of both paper and technology based learning materials, the provision of Learning Resource Centres, a Virtual Learning Environment and significant time spent undertaking independent study. Throughout the course, considerable emphasis is placed on self-evaluation and self-reflection.

Qualification credit value: a minimum of 120 credits. This is made up of eight units, each with a value of 15 credits. There is a required mix of core and optional units totalling 120 credits. All units are at Level 4.

The course will be 360 Guided learning hours

STAFF INVOLVED IN PROGRAMME DELIVERY

You will be taught by an experienced and well qualified teaching team whose expertise and knowledge are closely matched to the content of units on the course. The team includes academics and professional practitioners with current industry experience.

METHODS OF ASSESSMENT

The course will be assessed by one to one tutorials, group tutorials, self-assessment, peer assessment, verbal and written formative and summative assessment feedback from Module Tutors and peers. Assessment submission examples include Essay, Presentation, Report, Discussion, Practical / Test and Project work.

Formative assessment and feedback (verbal and/or written) is given at set points throughout the academic year to discuss progress, encourage reflection on work to date, highlight and identify any areas for further development and to suggest ways of improving work performance. Summative Assessment is conducted in accordance with the Awarding Body guidelines at the end of a module or series of modules and grades are submitted at specified times in the academic year.

AWARDING BODY

Edexcel

LOCATION OF STUDY

Kirklees College campus

COURSE LENGTH

2 years part time

THE PROGRAMME IS ACCREDITED BY A PRSB: YES NO

REGULATIONS

N/A

TUITION FEES

£4,000 per Year, to be confirmed

OTHER EXTRA COSTS

UK based trips – costs to be confirmed