UNIVERSITY OF PORTSMOUTH

COURSE SPECIFICATION

BEng (Hons) Engineering and Technology (Foundation Year)

Academic Standards, Quality and Partnerships
Department of Student and Academic Administration

June 2020

COURSE SPECIFICATION

Course Title	***BEng (Hons) Engineering and Technology (Foundation Year) Progression to year one of bachelor course***
Final Award	*BEng (dependant on course progressed onto)*
Exit Awards	*N/A*
Course Code / UCAS code (if applicable)	*C2194S / H108*
Mode of study	full time
Mode of delivery	Campus
Normal length of course	*4 years, 5 years with placement*
Cohort(s) to which this course specification applies	*from September 2020 intake onwards*
Awarding Body	*University of Portsmouth*
Teaching Institution	*University of Portsmouth*
Faculty	*Faculty of Technology*
School/Department/Subject Group	School of Energy and Electronic Engineering
School/Department/Subject Group webpage	*Full URL*
Course webpage including entry criteria	*https://www.port.ac.uk/study/courses/beng-hons-engineering-and-technology-with-foundation-year*
Professional and/or Statutory Regulatory Body accreditations	*None*
Quality Assurance Agency Framework for Higher Education Qualifications (FHEQ) Level	*level 3*

This course specification provides a summary of the main features of the course, identifies the aims and learning outcomes of the course, the teaching, learning and assessment methods used by teaching staff, and the reference points used to inform the curriculum.

This information is therefore useful to potential students to help them choose the right course of study, to current students on the course and to staff teaching and administering the course.

Further detailed information on the individual modules within the course may be found in the relevant module descriptors and the Course Handbook provided to students on enrolment.

Please refer to the Course and Module Catalogue for further information on the course structure and modules.

Educational aims of the course

The BEng (Hons) Engineering and Technology (Foundation Year) aims to

- Provide an accessible technology based education preparing students for entry to degree courses in engineering/technology/computing
- Provide a challenging, stimulating and self-rewarding study environment.
- Develop a range of key skills.
- Accommodate student needs in relation to maximising their career potential by enabling them to develop knowledge, understanding and skills in their chosen subject area.
- Promote career aspirations

Course Learning Outcomes and Learning, Teaching and Assessment Strategies

The Quality Assurance Agency for Higher Education (QAA) sets out a national framework of qualification levels, and the associated standards of achievement are found in their Framework for Higher Education Qualifications document.

The Course Learning Outcomes for this course are outlined in the tables below.

A. Knowledge and understanding of:

LO number	Learning outcome	Learning and Teaching methods	Assessment methods
A1	*Mathematics for engineering and science.*	*lectures, Tutorials, workshops.*	*exams, tests*
A2	*Fundamentals of engineering science*	*lectures, Tutorials, laboratory work*	*exams, tests, Lab reports*
A3	*The laws of physics and chemistry as applied to engineering materials*	*lectures, Tutorials, laboratory work*	*exams, tests, Lab reports*
A4	*Information Technology*	*lectures, Tutorials*	*exams, tests, Presentations*
A5	*Fundamentals of sustainable engineering.*	*lectures, Tutorials*	*exams, Lab reports*
A6	*Fundamentals of Electronic engineering.*	*lectures, Tutorials*	*exams, test, Lab reports*

Add additional rows as required.

B. Cognitive (Intellectual or Thinking) skills, able to:

LO number	Learning outcome	Learning and Teaching methods	Assessment methods
B1	*Apply basic knowledge and theory to solve problems*	*lectures, Tutorials, laboratory work*	*exams, tests, Lab reports*
B2	*Research and acquire increased personal knowledge base*	*lectures, Tutorials, laboratory work*	*exams, tests, Lab reports*

Add additional rows as required.

C. Practical (Professional or Subject) skills, able to:

LO number	Learning outcome	Learning and Teaching methods	Assessment methods
C1	*Be aware of the different professional standards and procedures in technology subjects*	*lectures, Tutorials, laboratory work*	*exams, tests, Lab reports*
C2	*Be introduced to subject, professional and technical sources of career development. (EE,S)*	*lectures, Tutorials, laboratory work*	*exams, tests, Lab reports*

Add additional rows as required.

D. Transferrable (Graduate and Employability) skills, able to:

LO number	Learning outcome	Learning and Teaching methods	Assessment methods
D1	*Present information in a variety of formats using alpha numeric and graphic data*	*lectures, Tutorials, laboratory work*	*Portfolio of exams, Lab reports*
D2	*Use application software to organise and present simple data sets.*	*lectures, Tutorials*	*Portfolio of exams*

Add additional rows as required.

Academic Regulations

The current University of Portsmouth Academic Regulations will apply to this course.

Support for Student Learning

The University of Portsmouth provides a comprehensive range of support services for students throughout their course, details of which are available at the MyPort student portal.

In addition to these University support services this course also provides…

- *Extensive induction programme that introduces the students to the University and their course.*
- *Each student has a personal tutor, responsible for pastoral support and guidance.*
- *Faculty Academic (Learning Support) Tutors in the areas of Mathematics, Physics and IT.*
- Specialist laboratory facilities

Evaluation and Enhancement of Standards and Quality in Learning and Teaching

The University of Portsmouth undertakes comprehensive monitoring, review and evaluation of courses within clearly assigned staff responsibilities. Student feedback is a key feature in these evaluations, as represented in our Policy for Listening to and Responding to the Student Voice where you can also find further information.

Reference Points

The course and outcomes have been developed taking account of:

Insert additional reference points or delete as required

- University of Portsmouth Curriculum Framework Specification
- University of Portsmouth Vision 2030 and Strategy 2025

- University of Portsmouth Code of Practice for Work-based and Placement Learning
- Quality Assurance Agency UK Quality Code for Higher Education
- Quality Assurance Agency Qualification Characteristic Statements
- Quality Assurance Agency Subject Benchmark Statement for ***Engineering***
- Quality Assurance Agency Framework for Higher Education Qualifications
- Requirements of Professional and/or Statutory Regulatory Bodies
- Vocational and professional experience, scholarship and research expertise of the University of Portsmouth's academic members of staff
- National Occupational Standards

Disclaimer

The University of Portsmouth has checked the information provided in this Course Specification and will endeavour to deliver this course in keeping with this Course Specification. However, changes to the course may sometimes be required arising from annual monitoring, student feedback, and the review and update of modules and courses.

Where this activity leads to significant changes to modules and courses there will be prior consultation with students and others, wherever possible, and the University of Portsmouth will take all reasonable steps to minimise disruption to students.

It is also possible that the University of Portsmouth may not be able to offer a module or course for reasons outside of its control, for example, due to the absence of a member of staff or low student registration numbers. Where this is the case, the University of Portsmouth will endeavour to inform applicants and students as soon as possible, and where appropriate, will facilitate the transfer of affected students to another suitable course.

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Document details

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