COURSE SPECIFICATION

BEng (Hons) Civil Engineering DA

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Course Title	*BEng (Hons) Civil Engineering DA*
Final Award	*BEng (Hons)*
Exit Awards	*CertHE, DipHE.*
Course Code / UCAS code (if applicable)	*U3802PDC*
Mode of study	*Part time*
Mode of delivery	*Campus and Distance Learning*
Normal length of course	*6 Years*
Cohort(s) to which this course specification applies	*from September 2026 intake onwards*
Awarding Body	*University of Portsmouth*
Teaching Institution	*University of Portsmouth*
Faculty	*Faculty of Technology*
School/Department/Subject Group	*School of Civil Engineering and Surveying*
School/Department/Subject Group webpage	*https://www.port.ac.uk/about-us/structure-and-governance/organisational-structure/our-academic-structure/faculty-of-technology/school-of-civil-engineering-and-surveying*
Course webpage including entry criteria	*https://www.port.ac.uk/study/courses/undergraduate/beng-hons-civil-engineer-degree-apprenticeship-civil-engineering*
Professional and/or Statutory Regulatory Body accreditations	*Joint Board of Moderators*
Office for Students Conditions of Registration	https://www.officeforstudents.org.uk/for-providers/registering-with-the-ofs/registration-with-the-ofs-a-guide/conditions-of-registration/
Quality Assurance Agency Framework for Higher Education Qualifications (FHEQ) Level	*Levels 4,5 & 6*

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

To develop graduates equipped with the necessary skills and qualities to take roles within the Civil Engineering industry as professional engineers, and to provide an educational foundation upon which graduate engineers can build with further learning and experience in order to achieve higher professional status and responsibility.
The core elements of UK Standard for Professional Engineering Competence (UK-SPEC) are embedded in the programme learning outcomes. The course learning outcomes are aligned to that of the Accreditation of Higher Education Programmes (AHEP Fourth Edition) document. These are interpreted in the context of Civil Engineering as the following five key areas of learning:

- ***Science and mathematics (AHEP reference:C1)***

Apply the knowledge of mathematical methods, scientific and engineering principles to the solution of complex problems in civil engineering and construction.

- ***Engineering analysis (AHEP references: C2, C3 & C4)***

Analyse complex civil engineering problems to reach substantiated solutions by selecting and applying appropriate computational and analytical techniques, and by selecting and evaluating technical literature and information.

- ***Design and innovation(AHEP references: C5 & C6)***

Apply an integrated approach, and consider relevant constraints and standards to develop innovative design solutions for complex civil engineering problems that include assessment of alternative solutions and specification of final design

- ***The Engineer and Society (AHEP references: C7, C8, C9, C10 & C11))***

Evaluate and mitigate environmental impacts, economic, health and security risks associated with Civil Engineering projects. Develop knowledge of professional and ethical responsibility of Civil Engineers and adopt inclusive approaches to engineering practice.

- ***Engineering practice (AHEP references:C12, C13, C14, C15, C16, C17 & C18)***

Investigate cutting edge practices in civil engineering including fieldwork, laboratory skills, and materials selection, project planning management and implementation and to develop an awareness of quality issues. Work effectively as part of a team and individually to achieve goals and develop responsibility and management. Develop effective interpersonal, communication and general skills for professional and career development.

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.

Office for Students Conditions of Registration

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	*Fundamental concepts, principles and theories of core subjects relating to civil engineering (AHEP References: C1, C2, C3, C5 & C13)*	*Lectures, tutorials, laboratory work, fieldwork and site visits*	*Examinations and coursework.*
A2	*Construction practice, economics and management (AHEP References: C7, C8, C9, C10, C14 & C15).*	*Lectures, tutorials, laboratory work, fieldwork and site visits*	*Examinations and coursework.*
A3	*Environmental considerations and constraints, sustainability and health and safety management (AHEP References: C7, C9, C10, C14 & C15).*	*Lectures, tutorials, laboratory work, fieldwork and site visits*	*Examinations and coursework.*
A4	*The design process (AHEP References: C4, C5, C6 & C15).*	*Lectures, exercises and a design and management project*	*Reports, individual or group presentations*
A5	*The industrial context of engineering and the varied roles of engineers in industry through project work and or first -hand work experience (Degree Apprentices) (AHEP References: C14, C15, C16, C17 & C18)*	*Lectures, exercises and project work. Workplace experience and IPD*	*Reports, portfolios*

B. Cognitive (Intellectual or Thinking) skills, able to:			
LO number	**Learning outcome**	**Learning and Teaching methods**	**Assessment methods**
B1	*Use mathematical and engineering analysis techniques to solve problems (AHEP References: C1, C2, C3 & C4).*	*Lectures, tutorials, practical work*	*Examinations and coursework.*
B2	*Conduct and report laboratory experiments and field investigations (AHEP References: C12, C13, C16 & C17).*	*Laboratory work, fieldwork*	*Coursework*
B3	*Synthesise information from a variety of sources in the solution of a design problem (AHEP References: C4, C5 & C6)*	*individual and group projects*	*Reports, individual or group presentations*
B4	*Plan, conduct and report on an individual project (AHEP References: C1, C2, C3, C4, C12, C13, C16 & C17)*	*EPA Project*	*Reports, presentations*

C. Practical (Professional or Subject) skills, able to:			
LO number	**Learning outcome**	**Learning and Teaching methods**	**Assessment methods**
C1	*Use surveying and soil investigation equipment (AHEP References: C12, C13, C16 & C17).*	*Fieldwork, laboratory exercises*	*Coursework' reports*
C2	*Use standard and specialist laboratory equipment (AHEP References: C12, C13, C16 & C17)*	*Fieldwork, laboratory exercises*	*Coursework, reports*
C3	*Use computers and IT tools for the solution of problems (AHEP References: C3).*	*computer practical/ simulations*	*Coursework, reports*
C4	*Design of civil engineering systems, components and processes (AHEP References: C5, C6, C7, C9, C10 & C14).*	*Lectures, seminars, project work*	*Coursework, presentations, reports*

D. Transferrable (Graduate and Employability) skills, able to:			
LO number	**Learning outcome**	**Learning and Teaching methods**	**Assessment methods**
D1	*Work effectively as an individual and as part of a team to achieve goals (AHEP References: C8, C11, C16 & C17).*	*group work, EPA project*	*Reports, individual or group presentations*
D2	*Communicate effectively in writing, orally, through graphical representations and drawing (AHEP References:C16 & C17).*	*Lectures, seminars, group work*	*Reports, individual or group presentations*
D3	*Apply analytical techniques and computational methods to problem solving (AHEP References: C1, C2, C3, C5 & C6).*	*lectures, tutorials, group work*	*coursework, reports*
D4	*Evaluate and mitigate environmental impacts and health, commercial and security risks associated with projects and processes (AHEP References: C7, C9 & C10).*	*lectures, tutorials, computer practical work*	*coursework, reports*
D5	*Plan, record CPD for personal and professional development and adopt a professional and ethical behaviour (AHEP References: C8, C11 & C18)*	*lectures, tutorials, group work, workplace experience*	*coursework, portfolio, reports*

Academic Regulations

The current University of Portsmouth Academic Regulations: Examination & Assessment Regulations will apply to this course. Approved course exemptions can be found here.

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…

- ***E****xtensive induction programme introduces the student to the University and their course.*
- *Each student has a personal tutor, responsible for pastoral support and guidance.*
- *Excellent Laboratory/Teaching facilities.*
- *Student course and module handbooks provide information about the course structure and University regulations etc.*
- *Feedback is provided for all assessments.*
- *Personal Development Planning (PDP) for all awards.*
- *Periodic Reviews and support by work based tutors*
- *Maths support*

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 Connected Curriculum
- University of Portsmouth Vision
- Office for Students Conditions of Registration
- 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
- Engineering Council Accreditation of Higher Education Programmes (AHEP), 4th edition
- Quality Assurance Agency Framework for Higher Education Qualifications

- Requirements of Professional and/or Statutory Regulatory Bodies: **Joint Board of Moderators**
- Vocational and professional experience, scholarship and research expertise of the University of Portsmouth's academic members of staff
- National Occupational Standards
- UK Standard for Professional Engineering Competence (UK-SPEC)
- https://skillsengland.education.gov.uk/apprenticeships/st0417-v1-1

Changes to your course/modules

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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