UNIVERSITY OF WOLVERHAMPTON

Course Specification

Published Date:	31-Jul-2026
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Core Information

Awarding Body / Institution:	University of Wolverhampton		
School / Institute:	School of Architecture, Computing and Engineering		
Course Code(s):	CV040S01UF CV040S31UF	Full-time Part-time	1 Years 2 Years
UCAS Code:	H299		
Course Title:	HNC Civil Engineering Studies		
Hierarchy of Awards:	Higher National Certificate Civil Engineering Studies		
Language of Study:	English		
Date of first cohort:	14/Sep/2026		
Specification valid from:	2025/6		

Academic Staff

Course Leader:	Dr Alaa Hamood
Head of Department:	

Course Information

Location of Delivery:	University of Wolverhampton
Category of Partnership:	Standard Provision (Not delivered in partnership)
Teaching Institution:	University of Wolverhampton
Open / Closed Course:	This course is open to all suitably qualified candidates.

Entry Requirements:

Entry requirements are subject to regular review. The entry requirements applicable to a particular academic year will be published on the University website (and externally as appropriate e.g. UCAS

- A range of Level 3 qualifications in engineering or related subjects is acceptable, including A Levels, BTEC Level 3 Extended Diplomas, BTEC Diplomas, and any other Level 3 qualifications obtained in the UK or internationally.
- Applicants with relevant industrial experience or non-standard qualifications will be considered on an individual basis

Distinctive Features of the Course:

The HNC Civil Engineering Studies at the University of Wolverhampton combines practical experience with academic rigour. Delivered at Springfield Campus, the course utilises excellent teaching and laboratory facilities, allowing students to work with modern civil engineering equipment and technologies. The programme is JBM-accredited, ensuring that graduates meet the standards required to progress towards Engineering Technician (EngTech) registration, providing a strong foundation for professional development.

The course focuses on applying theory to practice, developing technical, analytical, and professional skills through projects, laboratory work, and exposure to current civil engineering methods. Specialist teaching and engagement with industry ensure alignment with contemporary civil engineering practice and emerging technologies.

Key features of the course include:

- Hands-on experience in state-of-the-art labs and teaching facilities
- JBM accreditation, supporting progression to EngTech
- Strong emphasis on practical, applied learning and project work
- Engagement with industry professionals and employers
- Development of technical, analytical, and professional skills
- Exposure to modern civil engineering practices and emerging technologies
- Opportunities to build professional networks
- Supportive, student-focused teaching environment
- Clear progression route to degree programmes in Civil Engineering

The programme equips students with the knowledge, skills, and professional foundation to pursue careers in civil engineering, combining rigorous academic content with practical, industry-relevant experience.

Educational Aims of the Course:

Intakes:

September

Major Source of Funding:

Office for Students (OFS)

Tuition Fees:

Tuition fees are reviewed on an annual basis. The fees applicable to a particular academic year will be published on the University website.

Year	Status	Mode	Amount
2025/6	H	Full Time	£9535.00
2025/6	Overseas	Full Time	£15995.00
2025/6	H	Part Time	£4768.00
2026/7	H	Full Time	£9790.00
2026/7	Overseas	Full Time	£17600.00
2026/7	H	Part Time	£4895.00

PSRB:

CV040S31UF (Part-time)

Professional Accreditation Body:
Chartered Institute of Highways & Transportation (CIHT)

Accrediting Body:
Chartered Institute of Highways and Transportation (CIHT)

Accreditation Statement:
Accredited by the Chartered Institution of Highways and Transportation (CIHT) on behalf of the Engineering Council for the purposes of fully meeting the academic requirement for registration as a Chartered Engineer.

Approved	Start	Expected End	Renewal
05/Jun/2026	05/Jun/2026	31/Aug/2029	31/Aug/2029

CV040S31UF (Part-time)

Professional Accreditation Body:
Institute of Highway Engineers (IHE)

Accrediting Body:
Institute of Highway Engineers (IHE)

Accreditation Statement:
Accredited by the Institute of Highway Engineers (IHE) on behalf of the Engineering Council for the purposes of fully meeting the academic requirement for registration as a Chartered Engineer.

Approved	Start	Expected End	Renewal
05/Jun/2026	05/Jun/2026	31/Aug/2029	31/Aug/2029

CV040S31UF (Part-time)

Professional Accreditation Body:
Institution of Civil Engineers (ICE)

Accrediting Body:
Institution of Civil Engineers (ICE)

Accreditation Statement:
Accredited by Institution of Civil Engineers (ICE) on behalf of the Engineering Council for the purposes of fully meeting the academic requirement for registration as an Incorporated Engineer and partially meeting the academic requirement for registration as a Chartered Engineer.

Approved	Start	Expected End	Renewal
05/Jun/2026	05/Jun/2026	31/Aug/2028	31/Aug/2028

CV040S31UF (Part-time)

Professional Accreditation Body:
Institution of Structural Engineers (IStructE)

Accrediting Body:
Institution of Structural Engineers (IStructE)

Accreditation Statement:
Accredited by the Institution of Structural Engineers (IStructE) on behalf of the Engineering Council for the purposes of fully meeting the academic requirement for registration as a Chartered Engineer.

Approved	Start	Expected End	Renewal
05/Jun/2026	05/Jun/2026	31/Aug/2028	31/Aug/2028

Course Structure:

September (Full-time)

Module	Title	Credits	Period	Type
4CV020	Surveying and Digital Technologies	30	SEM2	Core
4CV021	Applied Engineering Mathematics & Modelling	30	SEM1	Core
4CV022	Mechanics of Materials	30	SEM2	Core
4CV017	Succeeding at University-Civil Engineering	30	SEM1	Core

September (Part-time)

Module	Title	Credits	Period	Type
4CV020	Surveying and Digital Technologies	30	SEM2	Core
4CV017	Succeeding at University-Civil Engineering	30	SEM1	Core

September (Part-time)

Module	Title	Credits	Period	Type
4CV021	Applied Engineering Mathematics & Modelling	30	SEM1	Core
4CV022	Mechanics of Materials	30	SEM2	Core

Please note: Optional modules might not run every year, the course team will decide on an annual basis which options will be running, based on student demand and academic factors, to create the best learning experience.

Learning, Teaching and Assessment

Regulations Exemption:

Section 4.5.3 - Exemption from grade capping for resit assessments on Level 4 HNC modules is to be removed; all resit grades must be capped.

Reference Points:

Pearson Higher Nationals

Engineering Council: Recognising learning and development programmes

Joint Board of Moderators (JBM)

UK Quality Code for Higher Education

Qualifications and Credit Frameworks

Subject Benchmark Statements

University Policies and Regulations

Equality Act 2010: guidance - GOV.UK

Apprenticeship Standard

Overview of Assessment:

As part of the course approval process, the course learning outcomes were mapped to each of the modules forming the diet of the programme of study. This process confirmed that all course learning outcomes can be met through successful completion of the modules. This mapping applies to the final award as well as to all of the intermediate awards.

Learning Outcomes	Modules
HNC01 Knowing (Knowledge and Understanding): Apply Fundamental Engineering Principles to solve practical engineering problems, appropriate for EngTech-level practice.	
HNC02 Knowing (Knowledge and Understanding): Interpret Technical Information and Data to support engineering decisions in workplace contexts.	
HNC03 Doing (Practical Application): Carry Out Engineering Tasks and Designs to ensuring safe and effective outcomes within specified constraints.	
HNC04 Doing (Practical Application): Use Engineering Tools and Techniques recognising limitations and following standard procedures.	
HNC05 Being (Personal and Professional Development): Demonstrate Professional and Ethical Responsibility.	
HNC06 Being (Personal and Professional Development): Commit to Continuing Professional Development.	

Teaching, Learning & Assessment Strategy/(Learning and Teaching):

The HNC Civil Engineering Studies course is structured to progressively build student confidence by establishing strong technical and academic foundations before introducing more applied civil engineering concepts and professional skills appropriate to Level 4 study. The programme is aligned with JBM requirements for Engineering Technician (EngTech) and prepares students for both employment and progression to degree-level study. Core modules including Applied Engineering Mathematics & Modelling, Mechanics of Materials, and Succeeding at University – Civil Engineering focus on developing underpinning knowledge, effective study skills, and professional awareness.

Teaching is delivered through a blended learning approach, combining face-to-face lectures, tutorials, laboratories, and group activities with online learning via the virtual learning environment. This provides flexible access to learning materials such as lectures, worked examples, digital resources, and formative assessments, supporting inclusive engagement and independent learning.

You will develop academic, digital, and professional skills through scaffolded assessments, guided independent study, group work, and applied problem-solving activities across modules, including Surveying and Digital Technologies. Industry-informed teaching, real-world case studies, and practical tasks support the development of employability skills, while the course promotes digital fluency, ethical practice, and professional responsibility in line with engineering standards and expectations.

Assessment Methods/Assessments:

Assessment across the HNC Civil Engineering Studies course is designed to actively support learning while maintaining a balanced and manageable workload appropriate to Level 4 study. A range of assessment methods is used, including technical reports, laboratory and practical activities, in-class tests, online quizzes, presentations, and applied problem-solving tasks. This variety enables students to demonstrate achievement of learning outcomes in different ways while supporting the progressive development of core academic, technical, and professional skills.

Opportunities for formative assessment and feedback are embedded throughout the course, particularly within early modules, through staged submissions, in-class activities, tutorials, and online quizzes. These activities support skill development, build confidence, and guide improvement prior to summative assessment.

Assessments are designed to develop key intellectual and practical skills, including problem-solving, data interpretation, numerical analysis, and effective technical communication, using applied tasks, laboratory work, and real-world civil engineering case studies. Inclusivity and accessibility are supported through clear assessment briefs, transparent marking criteria, and varied assessment formats. Many assessments reflect industry-relevant practice, supporting professional competence and preparation for Engineering Technician (EngTech) roles and progression to degree-level study.

Further Information for Student:

The HNC Civil Engineering Studies course is designed to support you from entry into higher education through to successful progression, embedding academic, personal, and professional development throughout the Level 4 programme. Delivered via both a full-time (one-year) and part-time (two-year) route, the course provides a supportive and inclusive learning environment for students from a range of educational backgrounds.

At Level 4, modules such as Succeeding at University – Civil Engineering helps you to transition into university study by developing essential academic writing, numeracy, digital literacy, teamwork, and independent learning skills, establishing a strong foundation for further study and professional development. Academic support is integrated within core technical modules including Applied Engineering Mathematics & Modelling, Mechanics of Materials, and Surveying and Digital Technologies, using scaffolded learning, tutorials, and practical activities to build confidence and technical competence.

Formative activities and structured feedback are embedded across the course to support learning, highlight strengths, and guide improvement prior to summative assessments. The programme is designed in line with JBM requirements for Engineering Technician (EngTech) status and provides a clear progression route to degree-level study, including the BEng (Hons) Civil Engineering and BSc Civil and Transportation Engineering programmes at the University of Wolverhampton.

The University provides a wide range of academic and pastoral support to help students succeed in their studies and personal development. This includes access to the Library and Skills for Learning service, student success coaching for level 4 students, and tailored advice from the Careers and Enterprise teams. Students also benefit from 24/7 wellbeing support through WLV Student Life Connect, pastoral care via the Multi-faith Chaplaincy, and assistance from the Mental Health and Wellbeing team. Those living in university accommodation have additional access to Residential Life support, and all students can engage with the Students' Union for advocacy, societies, and further peer-led services.

Currency:

The HNC Civil Engineering Studies course is designed to ensure that its curriculum remains current, relevant, and informed by contemporary industry practice and emerging developments within the civil engineering sector. Module content is reviewed regularly to reflect advances in areas such as sustainable construction, digital and surveying technologies, and modern engineering methods, ensuring alignment with professional standards, employer expectations, and JBM requirements for Engineering Technician (EngTech) roles.

You will engage with research-informed learning through the use of up-to-date case studies, technical guidance, standards, and industry documentation embedded across core modules. Teaching and assessment activities encourage students to interpret data, apply technical knowledge, and develop evidence-based solutions to real-world engineering problems appropriate to Level 4 study.

Key themes such as sustainability, professional responsibility, digital competence, and ethical practice are integrated throughout the course. Collaborative learning, reflective activities, and applied problem-solving support the development of transferable skills, adaptability, and lifelong learning, preparing students for employment within the civil engineering industry or progression to degree-level study.

Personalisation Opportunities:

The HNC Civil Engineering Studies course is designed to offer you opportunities to engage with learning activities and assessments that relate to their interests, career ambitions, and prior experience. From the outset, the Succeeding at University – Civil Engineering module supports students in linking academic study with personal goals, encouraging reflective practice, self-awareness, and effective study planning.

Across the programme, you are provided with structured choices within learning and assessment activities, including applied problem-solving tasks, practical exercises, and case-study-based assessments within modules such as Surveying and Digital Technologies, Applied Engineering Mathematics & Modelling, and Mechanics of Materials. These activities allow students to explore real-world civil engineering contexts while developing core technical and transferable skills.

You are supported in making informed decisions about their future study and career pathways through academic tutoring, formative feedback, and exposure to industry-relevant practices embedded within the curriculum. Inclusive teaching approaches, collaborative learning, and the use of authentic engineering examples encourage students to engage with diverse perspectives and reflect on their development, helping them to build confidence and prepare for progression to EngTech-aligned roles or further study on related degree programmes.

Employability in the Curriculum/Employability and Professional Development:

The HNC Civil Engineering Studies course is designed to support students in exploring and preparing for entry-level career pathways within the civil and infrastructure engineering sector. Employability and career awareness are embedded throughout the curriculum through industry-informed teaching, applied problem-solving activities, and the use of real-world case studies introduced from the early stages of the course.

You are supported in developing a professional identity through continuous skills development, reflective practice, and opportunities to build a portfolio of technical and transferable skills, including teamwork, communication, numeracy, and digital competence. Teaching and assessment are aligned with JBM requirements for Engineering Technician (EngTech) roles, reflecting professional standards, ethical practice, and employer expectations.

Structured feedback, academic tutoring, and careers guidance support students in identifying strengths and development needs, preparing them for employment or progression to related degree programmes.