

Course Specification

Published Date:	15-Aug-2017
Produced By:	Haiden Novis
Status:	Validated

Core Information

Awarding Body / Institution:	University of Wolverhampton		
School / Institute:	School of Architecture and Built Environment		
Course Code(s):	CN031S01UV	Full-time	2 Years
UCAS Code:	83K9		
Course Title:	HND Construction and The Built Environment		
Hierarchy of Awards:	Higher National Diploma Construction and the Built Environment awarded by the University of Wolverhampton Certificate of Higher Education Construction and the Built Environment awarded by the University of Wolverhampton University Statement of Credit University Statement of Credit		
Language of Study:	English		
Date of DAG approval:	17/May/2017		
Last Review:	2014/5		
Course Specification valid from:	2012/3		
Course Specification valid to:	2020/1		

Academic Staff

Course Leader:	Mr Anthony Hatfield
Head of Department:	Mr Paul Hampton

Course Information

Location of Delivery:	University of Wolverhampton
Category of Partnership:	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)

2017 Entry

- A-Level minimum of C or EE.
- Access to Higher Education Diploma requires candidates to accumulate 60 credits, at least 45 of which are at Level 3.
- BTEC QCF Extended Diploma grade PPP, BTEC QCF Diploma grade PP
- Applicants will normally be expected to hold GCSE English and Maths at grade C+/4 or equivalent
- If you've got other qualifications or relevant experience, please contact [The Gateway](#) for further advice before applying.

- International entry requirements and application guidance can be found [here](#)

Other Requirements

Students must have studied a minimum of two years post GCSE level. However, it is expected that some applicants will be mature students with work experience, who wish to further their career development. These applicants will be processed through standard procedures, which may involve an interview as part of the process. Please see <http://wlv.ac.uk/mature> for further information.

Those who do not meet the entry requirements may be offered an alternative course

Distinctive Features of the Course:

The HND Construction and Built Environment has been designed to cater for a range of students from school leavers who wish to pursue a career in construction to existing construction practitioners and trainees who want to further their professional development and career skills within the industry.

The Built Environment Team, at the University of Wolverhampton, engage closely with the students and have extensive industry experience and links to local and regional employers. This enables the staff and students to get to know each other well and to develop personal relationships which help with both study success and working with students to enhance their employability prospects. The Built Environment Team have a proven record in placing students on completion of their studies and ensuring that progression to a higher qualification is seen by students as a seamless process.

Lecturers on this course are a blend of respected academics and experienced professionals. Students are therefore exposed to a sound theoretical base coupled with numerous practical examples and exercises.

The Built Environment Team has excellent links with recognised professional bodies, namely the Royal Institution of Chartered Surveyors, Chartered Institute of Building and Quantity Surveyors International (QSi) who all regularly hold events at the University to which students can attend to network with construction professionals.

Students are actively encouraged to become student members of these professional bodies at the start of their studies and utilise the professional resources available as a result. Upon completion of the course students can apply to become associate members of the RICS, CIOB or QSi when appropriate employment experience

has been gained and the specific application process of the institution has been met.

Educational Aims of the Course:

The HND Construction and Built Environment course is intended as a vocational qualification within the construction industry. It satisfies the educational base for becoming an Associate Member of the Royal Institution of Chartered Surveyors (AssocRICS) or Associate Membership of the Chartered Institute of Building (CIOB) once requisite employment experience has been gained post HND qualification.

In addition, it provides a progression route onto professionally accredited courses within the Department including the BSc (Hons) degrees of Building Surveying, Construction Management, Commercial Management & Quantity Surveying and Quantity Surveying.

The construction and built environment industry is the UK's largest industry, employing circa 2.35 million people and accounting for typically 8% of UK GDP. The construction industry is responsible for the design, management and construction of spanning the following areas;

- Infrastructure – roads, rail, airports, power stations
- Residential - public and private housing, including repair and maintenance
- Non-domestic buildings - schools, colleges, hospitals, offices, retail, factories, warehouses.

The aim of this course is to develop students with a technical understanding of the civil engineering industry including the application of proven techniques and theories for the solution of real life problems. Thus the course will;

- address industry's demand for technicians who can integrate the principles and applications of construction, and apply them to construction projects, in a technical context.
- enable students to advance their existing careers in construction to a higher level which requires the exercise of technical professional judgement, and the ability to make decisions that reflect an accountable and ethical outlook.
- equip students with a technical understanding of the fundamentals of construction technology, construction law, construction procurement and contracts, environmental and sustainable issues, modern methods of construction and construction project management.
- provide a broadly based education in construction and built environment, allowing scope for continued development into a wide range of disciplines within construction related areas including areas of design (building surveying, architecture), costs and finance (quantity surveying) and project delivery (construction management).

Intakes:

September

Major Source of Funding:

HE FUNDING COUNCIL FOR ENGLAND (HEFCE)

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
2017/8	H	Full Time	£8250.00
2017/8	EU	Full Time	£8250.00
2017/8	Overseas	Full Time	£11475.00

PSRB:

None

Course Structure:

September (Full-Time)

Module	Title	Credits	Period	Type
4CN002	Sustainable Construction Technology (Residential Buildings)	20	YEAR	Core
4CN016	Built Environment Business and Economics Project	20	YEAR	Core
4CN006	Built Environment Academic and Employment Skills	20	SEM1	Core
4CN030	BIM and Data Management	20	SEM1	Core
4CN001	Introduction to Law and Construction Procurement	20	SEM2	Core
4CN027	Built Environment Professional Development	20	SEM2	Core
5CN001	Brownfield Regeneration and Construction Technology (Commercial Buildings)	20	YEAR	Core
5CN022	Construction Law	20	YEAR	Core
5CN038	Professional Practice	20	SEM1	Core
5CN029	Property Procurement and Development	20	SEM1	Core
5CN007	Design Principles and Practice	20	SEM2	Core
5CN010	Academic, Leadership and Employment Skills	20	SEM2	Core

Learning, Teaching and Assessment

Academic Regulations Exemption:

None

Reference Points:

- QAA subject benchmark – Building and Surveying (2007).
- Construction Industry Council – Higher Education Graduate Common Learning Outcomes (2008).
- Framework for Higher Education Qualifications (FHEQ) Qualification Descriptors and levels.
- CIOB Educational Framework.
- RICS Assessment of Professional Competencies.

Learning Outcomes:

HNC Course Learning Outcome 1 (HNCCL01)

Demonstrate knowledge of the underlying concepts and principles associated with your area(s) of study, and an ability to evaluate and interpret these within the context of that area of study.

HNC Course Learning Outcome 2 (HNCCL02)

Demonstrate an ability to present, evaluate and interpret qualitative and quantitative data, in order to develop lines of argument and make sound judgements in accordance with basic theories and concepts of your subject(s) of study.

HNC Course Learning Outcome 3 (HNCCL03)

Evaluate the appropriateness of different approaches to solving problems related to your area(s) of study and/or work.

HNC Course Learning Outcome 4 (HNCCL04)

Communicate the results of your study/work accurately and reliably, and with structured and coherent arguments.

HND Course Learning Outcome 1 (HNDCL01)

Demonstrate knowledge and critical understanding of the well-established principles of your area(s) of study, and of the way in which those principles have developed with an understanding of the limits of your knowledge, and how this influences analyses and interpretations based on that knowledge.

HND Course Learning Outcome 2 (HNDCL02)

Demonstrate the ability to apply underlying concepts and principles outside the context in which they were first studied, including, where appropriate, the application of those principles in an employment context.

HND Course Learning Outcome 3 (HNDCL03)

Demonstrate knowledge of the main methods of enquiry in the subject(s) relevant to the named award, and ability to evaluate critically the appropriateness of different approaches to solving problems in the field of study.

HND Course Learning Outcome 4 (HNDCL04)

Use a range of established techniques to initiate and undertake critical analysis of information, and to propose solutions to problems arising from that analysis.

Overview of Assessment:

Module	Title	Course Learning Outcomes
4CN001	Introduction to Law and Construction Procurement	HNCCL01
4CN002	Sustainable Construction Technology (Residential Buildings)	HNCCL01
4CN006	Built Environment Academic and Employment Skills	HNCCL02, HNCCL04
4CN008	Pre Contract Studies	HNCCL02
4CN016	Built Environment Business and Economics Project	HNCCL03
4CN027	Built Environment Professional Development	HNCCL03, HNCCL04
5CN001	Brownfield Regeneration and Construction Technology (Commercial Buildings)	HNDCLO1, HNDCLO2
5CN002	Resource Management	HNDCLO3, HNDCLO4
5CN007	Design Principles and Practice	HNDCLO3, HNDCLO4
5CN012	Building Surveying Practice	HNDCLO1, HNDCLO2
5CN013	Production Management Practice	HNDCLO1, HNDCLO2
5CN018	Urban Development and Regeneration	HNDCLO3, HNDCLO4
5CN022	Construction Law	HNDCLO1, HNDCLO4
5CN029	Property Procurement and Development	HNDCLO3, HNDCLO4
5CN033	Built Environment Professional Skills 2	HNDCLO1, HNDCLO2
5CN034	Construction Project Administration	HNDCLO3, HNDCLO4
5CN035	Construction Costing and Procurement	HNDCLO3, HNDCLO4
5CN036	Quantity Surveying Practice (Building and Civil Engineering)	HNDCLO1, HNDCLO2

Teaching, Learning and Assessment:

- Attending, taking notes and asking questions in lectures,
- Using audio-visual learning materials
- Carrying out supervised practical work
- Reading articles, chapters and books
- Accessing appropriate sites on the internet
- Field trips to towns or cities, visiting buildings, construction sites and observing work in progress
- Interact with industry and industry professionals
- Interaction with professional bodies
- Preparing appropriate documentation, to industry standards, including plans, specifications, cost information - based on realistic construction projects
- Performing group exercises and projects
- Making oral presentations
- Preparation of professional standard reports

- Supervised practical work such as surveying and laboratory tests
- Engaging in discussion with academic staff and fellow students in seminars, workshops and tutorials
- Preparing for examinations
- Using computer packages e.g. Causeway , BCIS
- Problem solving exercises, closed and open ended problems
- Information retrieval from articles, books and journals for assessment/

Learning and Teaching Methods:

This data indicates the proportion of time in each year of study that students can expect to engage in the following activities (expressed as a percentage for each level).

Level	Teaching	Independent	Placement
4	24	76	0
5	24	76	0

Assessment Methods:

This data indicates the proportion of summative assessment in each year of study that will derive from the following: (expressed as a percentage for each level).

Level	Written Exams	Practical Exams	Coursework
4	25	17	58
5	37	0	63

Student Support:

Relevant course material will be delivered principally through lectures, classroom discussion, group work, e-media (e.g. e-portfolios, VLE) and practical sessions - including class, laboratory and (where appropriate) field-based. Depending on the module studied there will be different emphases on different methods, however there will be a strong emphasis on applying knowledge through practical and /or fieldwork and problem-solving approaches across all modules and levels of study.

Fundamental principles will be reinforced and given applied relevance by case studies within tutorials and seminars. Group working will be encouraged both within formal sessions and on-line. Practical skills will be undertaken and practiced to increasing levels of independence from the use of elementary equipment, and to more advanced skills development.

Vocational experience and relevance will be promoted by the Group Construction Project module and the use within modules of presentations by guest speakers with vocational specialisms to emphasise the applied relevance of module content. Students are required to use work experience to enhance employability and to develop personal course specialisms.

Digital literacy. Use of generic and subject-specific IT is essential to all aspects of the course. Students will routinely access e-information and engage with e-learning via the VLE. Additionally they will develop familiarity with subject-specific IT, such as geographical information systems, digital media, Global Positioning Systems and Building Information Modelling.

Knowledgeable and Enterprising. Applying skills and knowledge to real-world scenarios is again a central

tenet of the course and is evidenced throughout all levels. Such skills develop critical thinking and prepare students for the challenges posed by professional work environments.

Global citizens: The course has both by design and default a global perspective. Examples and case studies take an international viewpoint to reflect the student's wider interests.

Employability in the Curriculum:

Construction industry technicians are employed by contractors and their supply chain partners as well as commissioning client organisations such as commercial clients, local authorities, public bodies and government departments concerned with the Built Environment provision. Additional opportunities exist within related companies such as cost consultants and project management organisations. Students may also have the exciting opportunity to work on national and international infrastructure projects.

Successful completion of the HND in Construction and Built Environment provides the opportunity for progression with advanced entry onto the BSc (Hons) awards including Building Surveying, Construction Management, Commercial Management & Quantity Surveying and Quantity Surveying, subject to accrediting body guidelines.

These could then lead to initially associated member status of the RICS or CIOB and later in your career to Chartered Surveyor or Chartered Builder status.

