



Programme Specification

CON-HNC-2018: Construction and the Built Environment

Pearson Higher National Certificate awarded by Pearson (FHEQ Level 4)

Programme Status: Approved | Version: 2

Introduction

This programme specification provides a summary of the main features of the Construction and the Built Environment programme and the learning outcomes that you as a student might reasonably be expected to achieve and demonstrate on successful completion of the programme.

Further detailed information related to this programme and the College can be found in the following resources:

- Programme Handbook
- B&FC Student Handbook
- B&FC Admissions Policy
- Work based and placement learning handbook (for foundation degrees)
- Student guide to assessment and feedback

Key Programme Information

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| Programme Code | CON-HNC-2018 |
| Programme Title | Construction and the Built Environment |
| Teaching Institution | Blackpool and The Fylde College |
| Professional, Statutory and Regulatory Body (PSRB) Accreditation | None |
| UCAS Code | |
| Language of Study | English |
| Version | 2 |
| Approval Status | Approved |
| Approval Date | 15 May 2019 |
| JACS Code | |
| Programme Leader | |

Programme Awards

| Award | Award Type | Level | Awarding Body |
|-------------------------------------|-----------------------------|--------------|----------------------|
| Pearson Higher National Certificate | Higher National Certificate | Level 4 | Pearson |

Programme Overview

Get ahead in the construction industry with our professionally recognised construction management course. Delivered by industry-experienced tutors, this course lets you explore different aspects of construction then specialise in the career area that suits you best. You will also benefit from small groups and lots of individual support. Close employer links drive an up-to-the-minute curriculum and excellent work experience opportunities to make this one of the leading construction qualifications in Lancashire. Many past students are now employed in roles such as Site Manager, Project Manager and Building Control Surveyor for internationally recognised companies.

There is now a greater emphasis on employer engagement and work readiness. The HNC in Construction is designed to reflect this increasing need for high quality technical and professional education pathways at Level 4, thereby providing you with a clear line of sight to employment and to progression to a degree. Some of the key features of the HNC in Construction include:

- Fully revised content that is closely aligned with the needs of employers, professional bodies, vendors and higher education for a skilled workforce.
- A stimulating and challenging programme of study that is both engaging and memorable for you.
- The essential subject knowledge that you need to progress successfully into further study and the world of work.

Admission Criteria

A minimum of 48 UCAS points (previously 120 on former UCAS Tariff) or a Level 3 qualification in any construction discipline. A Level 2 qualification in Maths and English is also desirable.

Applications from students returning to education who do not possess the formal entry qualifications but can demonstrate relevant industry experience, will be considered on merit

Career Options and Progression Opportunities

The UK construction industry is dominated by small to medium sized enterprises (SMEs) with a relatively small number of larger companies. The private sector is a major source of employment, with local government and government bodies also offering employment opportunities. Nearly three-quarters of building and construction management graduates are employed six months after graduating, gravitating into roles such as Building Control Surveyor, Building Services Engineer, Facilities Manager, Quantity Surveyor and Site Engineer. By progressing to a degree or relevant professional qualification, you could increase your career prospects even further.

Programme Aims

All Programme Aims can be found in the Pearson Higher Nationals in Construction and the Built Environment Specification (First teaching from September 2017) Issue 4.

Programme Learning Outcomes

Level 4

Upon successful completion of this level, students will be able to:

1. All Programme Outcomes can be found in the Pearson Higher Nationals in Construction and the Built Environment Specification (First teaching from September 2017) Issue 4.

Programme Structure

| Module | Level | Credits | % | Category | Description | Length/Word Count | Grading Method |
|--|-------|---------|---|---|---|-------------------|----------------|
| Stage 1 | | | | | | | |
| A/615/1402: Principles of Alternative Energy (Elective) | 4 | 15 | - | Coursework: Essay | Types of alternative energy and how they inform selection. | 3000 | Pass/Fail |
| | | | - | Coursework: Live Project | A renewable technology strategy | 3000 | Pass/Fail |
| D/615/1392: Construction Information (Mandatory) | 4 | 15 | - | Coursework: Live Project | Live Construction Project | 3000 | Pass/Fail |
| | | | - | Coursework: Portfolio / e-Portfolio | Construction Information | 1500 | Pass/Fail |
| M/615/1400: Building Information Modelling (Mandatory) | 4 | 15 | - | Coursework: Report | The principles of BIM in local, national and global developments. | 3000 | Pass/Fail |
| | | | - | Coursework: Essay | Asset management and the future of BIM | 3000 | Pass/Fail |
| Y/615/1388: Construction Technology (Mandatory) | 4 | 15 | - | Coursework: Report | Distribution of Building Services | 800 | Pass/Fail |
| | | | - | Coursework: Report | Prepare a design report identifying structures necessary for a given building project | 3300 | Pass/Fail |
| Y/615/1407: Site Supervision and Operations (Elective) | 4 | 15 | - | Coursework: Live Project | Supervision of a Construction Project | 3000 | Pass/Fail |
| | | | - | Coursework: Evaluative/ Reflective Report | Managing staff in Construction | 1000 | Pass/Fail |
| Stage 2 | | | | | | | |
| D/615/1389: Science and Materials (Mandatory) | 4 | 15 | - | Practical: Other | Laboratory Experiments | 2000 | Pass/Fail |
| | | | - | Coursework: Report | Report on the statutory and environmental factors associated with materials | 2000 | Pass/Fail |
| R/615/1387: Individual Project (Mandatory) | 4 | 15 | - | Coursework: Project | Pearson based Individual Project | 4000 | Pass/Fail |
| R/615/1390: Construction Practice and Management (Mandatory) | 4 | 15 | - | Coursework: Evaluative/ Reflective Report | Construction companies and the market | 2000 | Pass/Fail |

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| R/615/1390: Construction Practice and Management (Mandatory) | 4 | 15 | - | Coursework: Evaluative/ Reflective Report | The development of Health and Safety in Construction | 1500 | Pass/Fail |
| Y/615/1391: Legal and Statutory Responsibilities in Construction (Mandatory) | 4 | 15 | - | Coursework: Project | Legislation and Processes on a Construction Project | 4000 | Pass/Fail |

Programme Delivery: Learning and Teaching

The course will be delivered using a range of methods, which may include informal lectures, tutor-led whole group discussions, student presentations, technical workshops, computer laboratory activities, group work, group and individual research and seminars. This list is not exhaustive and teaching practices and methods will continue to evolve within the programme.

Within each module, teaching, learning & assessment have been designed to provide you with the most appropriate experience based on your knowledge and skills at that point of the course. The assessments are designed such that you can integrate your knowledge by applying your own learning experience to the assignment, answering the tasks with a construction point of view, but still covering the required learning outcomes. This empowers you, giving freedom to express yourselves using your field of expertise, to attain the best possible grade for each unit based on your own prior learning experience. Later modules, such as the Individual Project, place a greater emphasis on independent learning with reduced contact hours but more workshop/tutorial sessions.

Programme Delivery: Assessment

Each individual module has a detailed assessment strategy that reflects that module's aims and objectives. You will be formatively assessed throughout the programme, by means of verbal questioning, written information and participation in group work and discussion. The range of assessment techniques comprises of reports on construction techniques, legislation and methods of working, reviews of products and procedures, presentations including the production of media and supporting information. Presentations are carried out to peer groups, tutors and industry representatives. The overall method of assessment within this programme is coursework and practical assessment with no examinations although the Individual Project unit is set by the awarding body. You will be fully supported throughout the programme with feedback on your progress and constructive guidance on ways to improve your work.

Programme Delivery: Work Based and Placement Learning

Whilst work placements are not included as an integral part of the course, visits to sites and the inclusion of live assignment briefs linked to current projects is a key feature of the programme.

Guest speakers and industry led lectures are also woven into the programme alongside the final individual project module which is judged by a panel of industry experts. Guest speakers and visits are utilised throughout the programme to provide an expert opinion and guidance on certain topics, for example, within the legal and statutory responsibilities unit, there will be either a seminar from a building control professional or a visit to the crown court to demonstrate the English legal system.

Study Costs: Equipment Requirements

Students will be required to purchase a pair of steel toe capped boots, hi-visibility vest/jacket and hard hat for use on site visits, this is expected to cost around £40, although this would depend on the type of boots purchased. All other equipment will be provided free of charge by Blackpool and the Fylde College.

Study Costs: Additional Costs

Throughout the programme, there may be the opportunity to attend site visits and field trips which may incur an additional cost for transport.