



Herefordshire,  
Ludlow & North  
Shropshire College

**HIGHER  
TECHNICAL  
QUALIFICATIONS**

**MODULAR  
ACCELERATION  
PROGRAMME**

**HIGHER  
EDUCATION**

**COURSE GUIDE 2025/26**

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*Come along to our*  
**HE OPEN EVENT**

**SATURDAY**  
**5TH APRIL 2025**  
**10:00AM - 12:00PM**

at Herefordshire College,  
Folly Lane, Hereford, HR1 1LS



**TOUR OUR FACILITIES**



**MEET OUR TUTORS**

**BOOK NOW**



**FIND OUT MORE**  
BY SCANNING THE QR CODE

# WHAT ARE HIGHER TECHNICAL QUALIFICATIONS? (HTQs)

HTQs are technical qualifications that have been developed by employers and awarding bodies, so you'll get the right training, knowledge, and skills to succeed in the workplace.

They are based on the same set of standards as apprenticeships and T Levels and have been approved by the Institute for Apprenticeships and Technical Education as meeting the occupational standards for the relevant sector.

## **There are many different types of HTQs, such as:**

Higher National Diplomas

Foundation Degrees

Higher National Certificates

Higher Education Diplomas

They're for students over 18 who want to study a subject to prepare them for skilled jobs, and also for adults looking to retrain or upskill.

They would suit you if you want a more practical, employer-led programme.





# Community Coaching for England – Sport

HNC

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Our Level 4 Community Coaching for England – Sport course.

**This Higher Technical Qualification (HTQ) aims to assist you to:**

- Upskill in your current employment or develop the skills you need to progress
- Develop the necessary advanced community coaching skills for the UK community coaching environment
- Consider the diverse roles in the Sports & Exercise Science and community coaching sector
- Address issues facing the industry and society at large, particularly sustainability and the environment

Available at Hereford and Oswestry.



Scan the QR Code  
for more information.

## Key Facts



**Type:** Full Time (over 1 year)



**Course:** HNC Level 4



**Duration:** 1 Year

# Community Coaching for England – Sport

HNC

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## **Aims of the Level 4 Higher National Certificate**

The Level 4 units lay the foundations of learning by providing a specialised introduction to coaching in the UK landscape and different coaching functions. This develops and strengthens core skills while preparing the student for Level 5 or to enter employment with the qualities necessary for job roles that require some personal responsibility.

Students will gain a wide range of coaching knowledge linked to practical skills gained through research, independent study, directed study and workplace scenarios.

Students are involved in vocational activities that help them to develop behaviours (the attitudes and approaches required for a competence) and transferable skills. Transferable skills are those such as communication, teamwork, research and analysis, which are highly valued in higher education and the workplace.



**Pearson BTEC Level 4 Higher National Certificate in Community Coaching for England**

**Level 4 Occupational Standard: Sport Coach (Community)**

<b>Unit Type</b>	<b>Unit</b>	<b>Unit credit</b>	<b>Level</b>
Core unit Mandatory	<b>1: Nutrition</b>	15	4
Core unit Mandatory	<b>2: Fundamentals of Sport &amp; Exercise Psychology</b>	15	4
Core unit Mandatory	<b>3: Anatomy &amp; Physiology</b>	15	4
Core unit Mandatory	<b>4: Professional Skills (Pearson Set)</b>	15	4
Specialist unit Mandatory	<b>5: Coaching Practice &amp; Skill Development</b>	15	4
Specialist unit Mandatory	<b>6: Training, Fitness, Testing</b>	15	4
Specialist unit Mandatory	<b>7: Lifestyle Coaching</b>	15	4
Specialist unit Mandatory	<b>8: Community Coaching</b>	15	4

# Computing (Cyber Security)

HNC

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Working in Cyber Security, or aspire to? Our Level 4 Computing (Cyber Security) may be just the course for you.

## **This Higher Technical Qualification (HTQ) aims to assist you to:**

- Upskill in your current employment or develop the skills you need to progress
- Develop your computing skills and knowledge in order to excel in the global computing environment
- Provide opportunities for students with a global outlook to aspire to international career pathways
- Provide opportunities for students to achieve a nationally recognised professional qualification



Scan the QR Code for more information.

### Key Facts

-  **Type:** Part Time (over 2 years, students will attend college 1 day a week for 30 weeks in each year)
-  **Course:** HNC Level 4
-  **Duration:** 2 Years

# Computing (Cyber Security)

HNC

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## **Aims of the Level 4 Higher National Certificate**

At Level 4, you will gain foundational and specialised knowledge across various disciplines in Computing, including Programming, Networking, IT Security, Cyber Security, Artificial Intelligence, and Database Design and Development. The course will prepare you for the modern digital workforce and ensures you are adequately equipped for today's job requirements. Each unit emphasises both foundational principles and specialised expertise needed in the cyber security industry.

Your sessions will be highly practical and will include group assignments, projects, hands-on evaluations, and learning through real-life situations. You will participate in practical problem-solving scenarios and tackle group projects that reflect real challenges within the industry. This method of learning guarantees that you grasp both theoretical ideas and the ability to utilise them in real-world situations. With the help of our experienced lecturers, you will develop the necessary skills to lead projects on your own and collaborate efficiently within an agile working team.

After successfully finishing Level 4, you will be in a good position to move on to Level 5 of the Higher National Diploma (HND) in Computing, where you will enhance your current knowledge with further advanced studies.



**Pearson BTEC Level 4 Higher National Certificate in Computing for England  
(Cyber Security)**

**Year 1 Modules**

<b>Unit Type</b>	<b>Unit</b>	<b>Unit credit</b>	<b>Level</b>
Core unit Mandatory	<b>2: Networking</b>	15	4
Core unit Mandatory	<b>4: Database Design &amp; Development</b>	15	4
Core unit Mandatory	<b>5: Security</b>	15	4
Core unit Mandatory	<b>10: Cyber Security</b>	15	4

**Year 2 Modules**

<b>Unit Type</b>	<b>Unit</b>	<b>Unit credit</b>	<b>Level</b>
Core unit Mandatory	<b>1: Programming</b>	15	4
Core unit Mandatory	<b>3: Professional Practice</b>	15	4
Core unit Mandatory	<b>6: Computing Project</b>	15	4
Core unit Mandatory	<b>15: Fundamentals of Artificial Intelligence</b>	15	4

# Electrical and Electronic Engineering

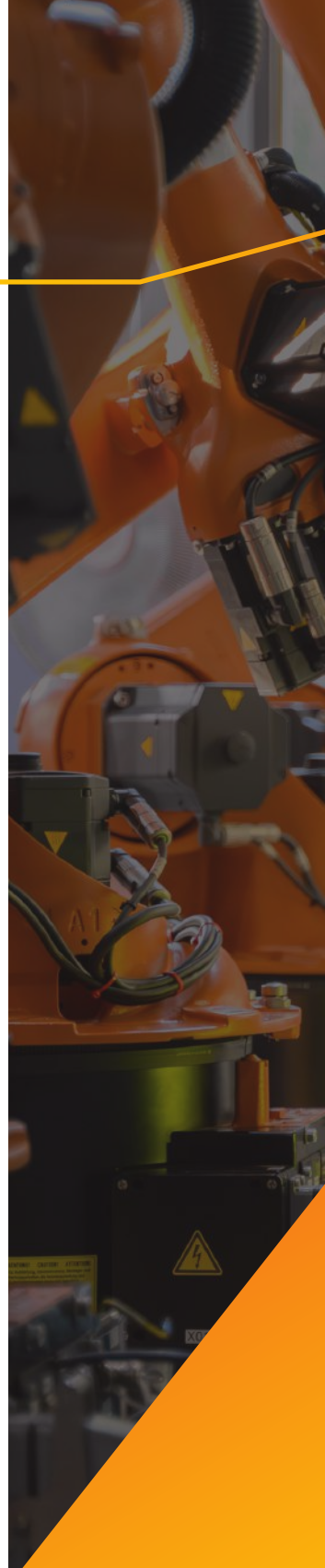
HNC

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Our Level 4 and Electrical and Electronic Engineering course.

## **This Higher Technical Qualification (HTQ) aims to assist you to:**

- Upskill in your current employment or develop the skills you need to progress
- Develop the skills and understanding needed to excel in the engineering and manufacturing environment
- Provide the essential skills necessary in relation to electrical and electronic engineering
- Develop an understanding of the impact that new digital and software technologies have on the engineering environment
- Develop the confidence to lead different engineering functions and respond to change effectively





Scan the QR Code  
for more information.

## Key Facts



**Type:** Part Time (over 2 years, students will attend college 1 day a week for 30 weeks in each year)



**Course:** HNC Level 4



**Duration:** 2 Years

# Electrical and Electronic Engineering

HNC

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## **Aims of the Level 4 Higher National Certificate**

The Level 4 units lay the foundation of learning by providing a broad introduction to the engineering sector as well as a focused introduction to electrical and electronic engineering. This develops and strengthens core skills while preparing students for more specialist subjects at Level 5 or to enter employment with the qualities necessary for job roles that require some personal responsibility.

Students will gain a wide range of scientific and engineering knowledge linked to practical skills obtained through research, independent study, directed study and workplace scenarios. Students are involved in vocational activities that help them to develop behaviours (the attitudes and approaches required for a competence) and transferable skills. Transferable skills are those such as communication, teamwork, research and analysis, which are highly valued in higher education and in the workplace.

By the end of Level 4 study, students will have sound knowledge of the basic concepts of electrical and electronic engineering. They will be competent in a range of subject specific skills as well as in general skills and qualities relevant to these key areas of engineering.



**Pearson BTEC Level 4 Higher National Certificate in Electrical and Electronic Engineering for England**

**Level 4 Occupational Standard: Engineering Manufacturing Technician**

<b>Unit Type</b>	<b>Unit</b>	<b>Unit credit</b>	<b>Level</b>
Core unit Mandatory	<b>Unit 4001: Engineering Design</b>	15	4
Core unit Mandatory	<b>Unit 4002: Engineering Maths</b>	15	4
Core unit Mandatory	<b>Unit 4004: Managing a Professional Engineering Project</b> Note: This is a Pearson-set unit	15	4
Specialist unit Mandatory	<b>Unit 4014: Production Engineering for Manufacture</b>	15	4
Specialist unit Mandatory	<b>Unit 4015: Automation, Robotics and Programmable Logic Controllers (PLCs)</b>	15	4
Specialist unit Mandatory	<b>Unit 4017: Quality and Process Improvement</b>	15	4
Specialist unit Mandatory	<b>Unit 4019: Electrical and Electronic Principles</b>	15	4
Specialist unit Mandatory	<b>Unit 4021: Electrical Machines</b>	15	4

**Unit descriptors can be found in the accompanying document Unit Descriptors for the Pearson BTEC Higher Nationals Engineering Suite, which can be found at [qualifications.pearson.com/en/qualifications/btec-higher-nationals.html](http://qualifications.pearson.com/en/qualifications/btec-higher-nationals.html)**

# Leadership and Management

HNC/HND

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Our Level 4 and Level 5 Leadership and Management course.

**This Higher Technical Qualification (HTQ) aims to assist you to:**

- Upskill in your current employment or develop the skills you need to progress
- Lead and manage your business effectively
- Develop your core skills required in your role



Scan the QR Code  
for more information.

## Key Facts



**Type:** Full Time (over 2 years)



**Course:** HNC Level 4 , HNC Level 5



**Duration:** 2 Years

# Leadership and Management

HNC/HND

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## **Aims of the Level 4 Higher National Certificate**

The Level 4 units lay the foundations of learning by providing a broad introduction to business and different business functions. This develops and strengthens core skills while preparing the student for study at Level 5 or to enter employment with the qualities necessary for job roles that require some personal responsibility. Students will gain a wide range of business knowledge tied to practical skills gained through research, independent study, directed study and workplace scenarios. Students are involved in vocational activities that help them to develop vocational behaviours (the attitudes and approaches required for a competence) and transferable skills. Transferable skills are those such as communication, teamwork, research and analysis, which are highly valued in higher education and the workplace.



## **Aims of the Level 5 Higher National Diploma**

The Level 5 units give students the opportunity to gain knowledge, skills and behaviours aligned to the Occupational Standard (OS) for Operations or Departmental Manager. The units will prepare students to enter employment with the qualities and abilities necessary for roles that require personal responsibility and decision-making, and support students to aspire to future management roles including the following:

- Operations Manager
- Regional Manager
- Divisional Manager
- Department Manager and Specialist Managers

The units also prepare students to progress to Level 6 higher education study, including higher apprenticeships and professional body qualifications. Students will be able to develop and apply their own ideas to their studies, to deal with uncertainty and complexity, to explore solutions, demonstrate critical evaluation and use both theory and practice in a wide range of business situations.

**Pearson BTEC Level 4 Higher National Certificate in Leadership and Management for England**

<b>Unit Type</b>	<b>Unit</b>	<b>Unit credit</b>	<b>Level</b>
Core unit Mandatory	<b>1: The Contemporary Business Environment</b>	15	4
Core unit Mandatory	<b>2: Marketing Processes and Planning</b>	15	4
Core unit Mandatory	<b>3: Management of Human Resources</b>	15	4
Core unit Mandatory	<b>4: Leadership and Management</b>	15	4
Core unit Mandatory	<b>5: Accounting Principles</b>	15	4
Core unit Mandatory	<b>6: Managing a Successful Business Project</b>	15	4
Core unit Mandatory	<b>7: Operational Planning and Management</b>	15	4
Core unit Mandatory	<b>8: Digital Business in Practice</b>	15	4

**Pearson BTEC Level 5 Higher National Diploma in Leadership and Management for England**

<b>Unit Type</b>	<b>Unit</b>	<b>Unit credit</b>	<b>Level</b>
Core unit Mandatory	<b>9: Organisational Behaviour Management</b>	15	5
Core unit Mandatory	<b>10: Managing and Leading Change</b>	15	5
Core unit Mandatory	<b>11: Principles of Operations Management</b>	15	5
Core unit Mandatory	<b>12: Business Strategy</b>	15	5
Core unit Mandatory	<b>13: Business Information Technology Systems</b>	15	5
Core unit Mandatory	<b>14: Developing Individuals, Teams and Organisations</b>	15	5
Core unit Mandatory	<b>15: Business Communications and Relationship Management</b>	15	5
Core unit Mandatory	<b>16: Business Data Analytics and Insights</b>	15	5

# Mechanical Engineering

HNC

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Our Level 4 Mechanical Engineering course.

**This Higher Technical Qualification (HTQ) aims to assist you to:**

- Upskill in your current employment or develop the skills you need to progress
- Develop the skills and abilities needed to excel in the engineering and manufacturing environment
- Develop the confidence to lead different engineering functions and respond to change effectively
- Gain the necessary skills for a range of careers in engineering
- Develop an understanding of the impact that new digital and software technologies have on the engineering environment



Scan the QR Code  
for more information.

## Key Facts



**Type:** Part Time (over 2 years, students will attend college 1 day a week for 30 weeks in each year)



**Course:** HNC Level 4



**Duration:** 2 Years

# Mechanical Engineering

HNC

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## **Aims of the Level 4 Higher National Certificate**

The Level 4 units lay the foundation of learning by providing a broad introduction to the engineering sector as well as a focused introduction to mechanical engineering. This develops and strengthens core skills while preparing students for more specialist subjects at Level 5 or to enter employment with the qualities necessary for job roles that require some personal responsibility.

Students will gain a wide range of scientific and engineering knowledge linked to practical skills obtained through research, independent study, directed study and workplace scenarios. Students are involved in vocational activities that help them to develop behaviours (the attitudes and approaches required for a competence) and transferable skills. Transferable skills are those such as communication, teamwork, research and analysis, which are highly valued in higher education and in the workplace.



## Pearson BTEC Level 4 Higher National Certificate in Mechanical Engineering for England

### Level 4 Occupational Standard: Engineering Manufacturing Technician

Unit Type	Unit	Unit credit	Level
Core unit Mandatory	<b>Unit 4001: Engineering Design</b>	15	4
Core unit Mandatory	<b>Unit 4002: Engineering Maths</b>	15	4
Core unit Mandatory	<b>Unit 4004: Managing a Professional Engineering Project</b> Note: This is a Pearson-set unit	15	4
Specialist unit Mandatory	<b>Unit 4008: Mechanical Principles</b>	15	4
Specialist unit Mandatory	<b>Unit 4011: Fluid Mechanics</b>	15	4
Specialist unit Mandatory	<b>Unit 4013: Fundamentals of Thermodynamics and Heat Engines</b>	15	4
Specialist unit Mandatory	<b>Unit 4014: Production Engineering for Manufacture</b>	15	4
Specialist unit Mandatory	<b>Unit 4017: Quality and Process Improvement</b>	15	4

Unit descriptors can be found in the accompanying document Unit Descriptors for the Pearson BTEC Higher Nationals Engineering Suite, which can be found at [qualifications.pearson.com/en/qualifications/btec-higher-nationals.html](https://qualifications.pearson.com/en/qualifications/btec-higher-nationals.html)

# Modern Methods of Construction

HNC

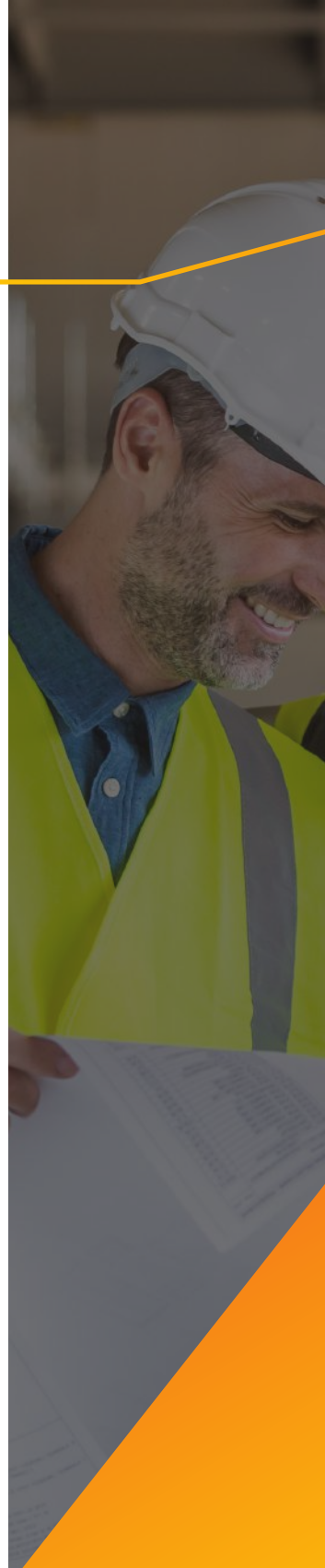
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Recognising the ever-changing dynamics of the construction industry and the subsequent requirement to provide quality educational opportunities to those in the industry. Our Level 4 Modern Methods of Construction may be just the course for you.

## **This Higher Technical Qualification (HTQ) aims to assist you to:**

- Upskill in your current employment or develop the skills you need to progress
- Lead and manage effectively, including responding to change in a construction environment
- Develop the abilities and confidence necessary to work across business functions and develop the core skills required for the construction industry at higher level

Available at Hereford and Holme Lacy.





Scan the QR Code  
for more information.

### Key Facts



**Type:** Part Time (over 2 years, students will attend college 1 day a week for 30 weeks in each year)



**Course:** HNC Level 4



**Duration:** 2 Years

# Modern Methods of Construction

HNC

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## **Aims of the Level 4 Higher National Certificate**

The Level 4 units lay the foundation of learning by providing a broad introduction to construction and different modern methods of construction functions. This develops and strengthens core skills while preparing students for specialist subjects at Level 5 or to enter employment with the qualities necessary for job roles that require some personal responsibility.

Students will gain a wide range of construction knowledge linked to practical skills gained through research, independent study, directed study and workplace scenarios. Students are involved in vocational activities that help them to develop behaviours (the attitudes and approaches required for a competence) and transferable skills. Transferable skills are those such as communication, teamwork, research and analysis, which are highly valued in higher education and in the workplace.

By the end of Level 4, students will have sound knowledge of the basic concepts of construction. They will be competent in a range of subject-specific skills as well as in general skills and qualities relevant to key areas of construction.

**Pearson BTEC Level 4 Higher National Certificate in Modern Methods of Construction for England**

**Level 4 Occupational Standard: Construction Design and Build Technician**

<b>Unit Type</b>	<b>Unit</b>	<b>Unit credit</b>	<b>Level</b>
Core unit Mandatory	<b>Unit 1: Construction Design Project</b> <b>Note: This is a Pearson-set unit</b>	15	4
Core unit Mandatory	<b>Unit 4: The Construction Environment</b>	15	4
Core unit Mandatory	<b>Unit 24: Principles of Off-site Construction</b>	15	4
Core unit Mandatory	<b>Unit 2: Construction Technology</b>	15	4
Core unit Mandatory	<b>Unit 13: Building Information Modelling</b>	15	4
Core unit Mandatory	<b>Unit 15: Principles of Alternative Energy</b>	15	4
Core unit Mandatory	<b>Unit 12: Tender &amp; Procurement</b>	15	4
Core unit Mandatory	<b>Unit 16: Digital Applications for Construction Information or Unit 26: Digital Applications for Building Information Modelling</b>	15	4

Unit descriptors can be found in the accompanying document Unit Descriptors for the Pearson BTEC Higher Nationals Construction Suite, which can be found at:  
<http://qualifications.pearson.com>

# MODULAR ACCELERATION PROGRAMME



While places remain, the college is pleased to offer higher education modules to students over 18 years of age! on a first come, first-served basis.

The college's programme offers higher-level technical 30-credit modules, where students will be able to access modules to reskill or upskill.

Our modular programme fully supports our Higher Technical Qualifications (HTQs), meaning you can complete modules which contribute to a full Level 4/5 qualification, depending on modular options chosen.

We support lifelong learning, at whatever age.



# Modules available to study with us:

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## Module 1

Construction Technology and Principles of Offsite Construction

This module is from the Modern Methods of Construction HTQ

## Module 2

Principles of Alternative Energy and the Construction Environment

This module is from the Modern Methods of Construction HTQ

## Module 3

Production Engineering for Manufacture and Electrical Machines

This module is from the Electrical & Electronic Engineering HTQ

## Module 4

Production Engineering for Manufacture and Fluid Mechanics

This module is from the Mechanical Engineering HTQ

## Module 5

Networking and Database Design and Development

This module is from the Computing HTQ

## Module 6

Security and Cyber Security

This module is from the Computing HTQ

## Module 7

Nutrition and Training, Fitness and Testing

This module is from the Community Coaching HTQ

## Module 8

Marketing Processes and Planning, and Digital Business in Practice

This module is from the Leadership & Management HTQ

## Module 1

# CONSTRUCTION TECHNOLOGY AND PRINCIPLES OF OFFSITE CONSTRUCTION

## Level 4

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### About the course

This course consists of two Level 4 modules from the Pearson HTQ in Modern Methods of Construction for England: Construction Technology and Principles of Offsite Construction, aimed at those looking to learn more about the ever-changing construction sector, whilst also advancing the career prospects.

With continual advancements taking place in the construction sector, there has never been a more important time to remain up-to-date with industry standards and emerging technologies, this module has been designed to facilitate this, whilst also exploring the growing 'offsite construction' sector to showcase modern methods currently in use.

### Why choose us?

The two modules form part of the Level 4 Modern Methods of Construction for England HTQ. Programme content is taught by a range of experienced industry professionals in purpose-built classrooms, with the aim of developing both theoretical and practical knowledge of construction sector. Alongside specialist tutors, additional support such as mentoring services, targeted workshops, and individual tutorials, are provided to help you along your journey.

### What you could do next

Continuation in completion of the remaining six modules on the HTQ in Modern Methods of Construction for England is a typical progression route. Beyond this, advancement options could include:

- Level 5 (HND) in Modern Methods of Construction for England
- Level 6 BSc in Construction Project Management
- Level 6 BSc in Innovative Home Design and Construction
- Level 6 BA (Hons) in Design for Future Living



## Module 2

# PRINCIPLES OF ALTERNATIVE ENERGY AND THE CONSTRUCTION ENVIRONMENT

## Level 4

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### About the course

This course consists of two Level 4 modules from the Pearson HTQ in Modern Methods of Construction for England: Principles of Alternative Energy and the Construction Environment, aimed at those looking to learn more about the ever-changing construction sector, whilst also advancing the career prospects.

With continual advancements taking place in the construction sector, specifically the use of low carbon technologies, there has never been a more important time to remain up-to-date with industry standards and emerging technologies, this module has been designed to facilitate this, whilst also exploring the history of the construction sector and the key professional roles.

### Why choose us?

The two modules form part of the Level 4 Modern Methods of Construction for England HTQ. Programme content is taught by a range of experienced industry professionals in purpose-built classrooms, with the aim of developing both theoretical and practical knowledge of construction sector. Alongside specialist tutors, additional support such as mentoring services, targeted workshops, and individual tutorials, are provided to help you along your journey.

### What you could do next

Continuation in completion of the remaining six modules on the HTQ in Modern Methods of Construction for England is a typical progression route. Beyond this, advancement options could include:

- Level 5 (HND) in Modern Methods of Construction for England
- Level 6 BSc in Construction Project Management
- Level 6 BSc in Innovative Home Design and Construction
- Level 6 BA (Hons) in Design for Future Living



## Module 3

# PRODUCTION ENGINEERING FOR MANUFACTURE AND ELECTRICAL MACHINES

## Level 4

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### About the course

This course consists of two Level 4 modules from the HTQ in Electrical & Electronic Engineering for England: Production Engineering for Manufacture and Electrical Machines.

You will analyse the key materials, the types of machinery used and the different ways of organising production systems to optimise the production process. You will also develop the understanding to be able to select the most appropriate production processes for manufacturing products of different material types.

You will further develop your understanding of how electrical machines convert energy as well as developing your knowledge of the principles of operation of transformers, induction motors, synchronous machines, electromagnetic transducers, actuators, generators and three-phase induction motors and generators.

### Why choose us?

The two modules form part of the HTQ in Electrical & Electronic Engineering for England. This qualification is taught by a range of experienced industry professionals and the aim of the course is to develop your theoretical and knowledge and practical skills associated with Electrical & Electronic Engineering. It is designed to equip learners with the knowledge and understanding to progress to further studies in higher education or employment.

Support is in place – mentoring services, workshops, and tutorials, to help support you along your journey.

### What you could do next

Completion of the remaining six modules on the HTQ in Electrical & Electronic Engineering for England is a typical progression route. Others may wish to progress onto our Higher National Diploma, another higher-level Engineering qualification, or simply progress into employment in the industry.

The Level 4 Higher National Certificate is recognised by Higher Education providers as meeting admission requirements to many relevant Engineering related degree course.



## Module 4

# PRODUCTION ENGINEERING FOR MANUFACTURE AND FLUID MECHANICS

## Level 4

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### About the course

This course consists of two Level 4 modules from the HTQ in Mechanical Engineering for England: Production Engineering for Manufacture and Fluid Mechanics.

You will analyse the key materials, the types of machinery used and the different ways of organising production systems to optimise the production process. You will also develop the understanding to be able to select the most appropriate production processes for manufacturing products of different material types.

You will further develop your understanding of how fluid mechanics are applied in an engineering context and develop an understanding of the principles of the fluid mechanics techniques used in mechanical engineering.

### Why choose us?

The two modules form part of the HTQ in Mechanical Engineering for England. This qualification is taught by a range of experienced industry professionals and the aim of the course is to develop your theoretical and knowledge and practical skills associated with Mechanical Engineering. It is designed to equip learners with the knowledge and understanding to progress to further studies in higher education or employment.

Support is in place – mentoring services, workshops, and tutorials, to help support you along your journey.

### What you could do next

Completion of the remaining six modules on the HTQ in Mechanical Engineering for England is a typical progression route. Others may wish to progress onto our Higher National Diploma, another higher-level Engineering qualification, or simply progress into employment in the industry.

The Level 4 Higher National Certificate is recognised by Higher Education providers as meeting admission requirements to many relevant Engineering related degree course.



## Module 5

# NETWORKING AND DATABASE DESIGN AND DEVELOPMENT

## Level 4

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### About the course

This course consists of two Level 4 modules from the HTQ in Computing.

This unit combination will give you an insight into the challenges that organisations face in the development and management of their networks. You will understand how to design and develop efficient databases whilst addressing issues such as scalability, data integrity and system optimization.

### Why choose us?

The two modules form part of the HTQ in Computing for England (Cyber Security pathway). This qualification is taught by a range of experienced industry professionals and the aim of the course is to develop your theoretical and knowledge and practical skills associated with networking, database development and general computing. It is designed to equip learners with the knowledge and understanding to progress to further studies in higher education or employment.

We run on a dedicated network with high specification industry standard equipment where learners have the freedom to learn using real-world equipment and resources. Links to various professionals and employers within the world of networking and wider computing industry.

### What you could do next

This course offers you various progression paths into the workplace and higher education:

- Completion of the full Higher National Certificate in Computing (Cyber Security)
- Completion of the full Higher National Diploma in Computing (Cyber Security)
- Enrolment onto another higher education course (including full degree courses, through credit transfer/recognition of prior attainment)
- Progression onto a career in computing and cyber security





## Module 6

# SECURITY AND CYBER SECURITY

## Level 4

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### About the course

This course consists of two level four modules from the HTQ in Computing.

This unit combination will give you an insight into the challenges that organisations face in the protection of their intellectual property, corporate data, client data, IT systems and network infrastructure from attack from cyber criminals and other malicious actors.

### Why choose us?

The two modules form part of the HTQ in Computing for England (Cyber Security pathway). This qualification is taught by a range of experienced industry professionals and the aim of the course is to develop your theoretical and knowledge and practical skills associated with Cyber Security and computing. It is designed to equip learners with the knowledge and understanding to progress to further studies in higher education or employment.

We run on a dedicated network with high specification industry standard equipment where learners have the freedom to learn using real-world equipment and resources. Links to various professionals and employers within the world of cyber security and wider computing industry.

### What you could do next

This course offers you various progression paths into the workplace and higher education:

- Completion of the full Higher National Certificate in Computing (Cyber Security)
- Completion of the full Higher National Diploma in Computing (Cyber Security)
- Enrolment onto another higher education course (including full degree courses, through credit transfer/recognition of prior attainment)
- Progression onto a career in computing and cyber security



## Module 7

# NUTRITION AND TRAINING, FITNESS AND TESTING

## Level 4

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### About the course

This course consists of two level four modules from the HTQ in Community Coaching for England: Nutrition and Training, Fitness and Testing.

The programme and module content is designed for those wishing to learn how to best support athletes to optimise their physical and psychological performance and wellbeing. Diet and fitness is essential to achieving success in sport and is vital for reaching the elite level. Learning will be underpinned by the most recent sport science, equipping those wishing to work with such athletes with the knowledge and understanding they need to help them achieve the best. Learning will also underpin success or further study in other fields, including sports therapists working with sports performers in the later stages of rehabilitation, and sport and exercise scientists working with performers trying to peak for competition.

### Why choose us?

The two modules form part of the Community Coaching for England HTQ. It is taught by a range of experienced industry professionals and the aim of the course is to develop your theoretical and practical knowledge of Sport and Coaching related subjects. This is designed to equip learners with community coaching skills, knowledge and understanding to progress to subsequent studies in higher education institutions or employment in the UK community coaching.

You will have to opportunity to undertake industry placement through our links with a range of sport and active leisure employers.

Support is also in place – mentoring services, workshops, and tutorials, to help support you along your journey.

### What you could do next

Continuation in completion of the remaining six modules on the HTQ in Community Coaching for England is a typical progression route. Others may wish to progress onto a higher level personal training, strength and conditioning, or rehabilitation qualification, or simply progress into employment in the industry.

The Level 4 Higher National Certificate is recognised by Higher Education providers as meeting admission requirements to many relevant Sports and Sport Science related courses, for example:

- BA (Hons) Sport & Fitness Studies
- BSc (Hons) Sport and Exercise Science
- BSc (Hons) Sports Studies
- BA (Hons) Sport Coaching
- BSc (Hons) Sport Coaching
- BA Sport Development with Coaching
- BSc (Hons) Sport Coaching and Performance
- BSc (Hons) Sports Coaching and Analysis



## Module 8

# MARKETING PROCESSES AND PLANNING, AND DIGITAL BUSINESS IN PRACTICE

## Level 4

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### About the course

This course consists of two level four modules from the HTQ in Leadership and Management: Marketing Processes and Planning, and Digital Business in Practice.

The programme and module content is designed for those wishing to learn how to develop digital skills, digitise their operations and processes, and the use of marketing to influence people to engage with their products and/or services. The Level 5 modules undertaken give students the opportunity to gain knowledge, skills and behaviours aligned to the Occupational Standard (OS) for Operations or Departmental Manager.

### Why choose us?

The two modules form part of the Leadership and Management HTQ. Designed to develop your knowledge of team, leadership and management industries from a management perspective, these modules aim to enhance your skills to progress into employment within these industries.

Students will benefit from a blended learning approach, with study taking place online and on occasions via face to face delivery.

The purpose of the modules and qualification is to develop students as independent-thinking professionals who can meet the demands of employers and adapt to a constantly changing world.

The qualification is suitable for all types of industries and we have experienced delivery staff, providing a blended learning approach to accommodate flexible teaching and learning.

Support is also in place – mentoring services, workshops, and tutorials, to help support you along your journey.

### What you could do next

Continuation in completion of the remaining six modules on the HTQ in Leadership and Management for England is a typical progression route or simply progress within current or new employment in the industry.

The Level 5 Higher National Diploma is recognised by Higher Education providers as meeting admission requirements to many relevant business-related courses, for example:

- BA (Hons) Leadership and Management for Business
- BA (Hons) Business Studies with Leadership and Management
- BA (Hons) Business Management
- BA Business and Human Resource Management
- BA (Hons) Global Business Management
- BSc (Hons) Digital Business Management



# HIGHER EDUCATION

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These are particularly suited to working people who wish to study on a part-time basis in order to enhance their career prospects.

We believe that it is important that people are able to access good quality higher education programmes of study locally, without having to lose time and money travelling to out of county institutions.

Our higher education students really appreciate the high level of expertise of our tutors, the excellent support they receive from working in relatively small groups, and the friendly college environment.



# Early Childhood Education & Care

HNC Level 4

## About the course

The aim of the Higher Nationals in Early Childhood Education and Care (ECEC) is to develop students as professional, self-reflecting individuals able to meet the demands of employers in the early education and care sector and adapt to a constantly changing world. It offers an in-depth introduction to the subject area via a mandatory core of learning, while allowing for the acquisition of specific knowledge, skills and experience thorough the education specialist pathway. The qualification provides underpinning knowledge as well as developing practical skills in preparation for work and possible study and progression to Level 5 HND.

## Why choose us

You will be taught by a teaching team whose expertise and knowledge are closely matched to the content of the modules on the course. The team includes senior academics, professional practitioners and work-based learning tutors all with industry experience.

## Popular modules

Year 1

Students will study 8 mandatory units:

- Unit 1: Personal and Professional Development through Reflective Practice
- Unit 2: Protecting Children in Early Education and Care Environments
- Unit 3: Play and Learning in Early Childhood
- Unit 4: Supporting and Promoting Children's Development (Babies and Toddlers)
- Unit 5: Supporting and Promoting Children's Development (Young Children)
- Unit 6: Promoting Healthy Living
- Unit 7: Preparing for Research
- Unit 8: Promoting Inclusive Early Education and Care Environments





## Key Facts



**Type:** Full Time (1 day per week, plus 2 days per week for work based placement)



**Course:** HNC Level 4



**Duration:** 1 Year

# Early Childhood Education & Care

HND Level 5

## About the course

The aim of the Higher Nationals in Early Childhood Education and Care (ECEC) is to develop students as professional, self-reflecting individuals able to meet the demands of employers in the early education and care sector and adapt to a constantly changing world. It offers an in-depth introduction to the subject area via a mandatory core of learning, while allowing for the acquisition of specific knowledge, skills and experience through the education specialist pathway.

## Why choose us

You will be taught by a teaching team whose expertise and knowledge are closely matched to the content of the modules on the course. The team includes senior academics, professional practitioners and work-based learning tutors all with industry experience.

## Popular modules

Year 1

Students will study 4 mandatory units:

- Unit 9: Investigating Childhood: Action Research for Early Childhood Practitioners
- Unit 10: Improving Quality in Children's Early Education and Care Environments
- Unit 14: Impact of Curriculum on Early Childhood Education and Care
- Unit 29: Innovative Approaches to Children's Play and Learning in Practice

Plus 2 additional units

- Unit 23: Managing and Leading People in Children's Early Education and Care Environments
- Unit 27: Outdoor Play and Learning





## Key Facts



**Type:** Full Time (1 day per week, plus 2 days per week for work based placement)



**Course:** HND Level 5



**Duration:** 1 Year

# Counselling

## Foundation Degree Level 4 & 5

### About the course

In the Counselling FdSc, we focus on the Person-Centred counselling model. Throughout the programme, you will develop the skills and personal awareness needed to foster a lasting therapeutic relationship. You'll learn through experience and communicating the core conditions of the Person-Centred Approach: empathy, congruence and unconditional positive regard.

This foundation degree will equip you with everything you need to practice as a counsellor in a number of settings. This course is an ideal opportunity for those who would like to enhance their current role with qualified counsellor status.

### Why choose us

HLNSC have industry-qualified tutors with substantial experience in this subject area.

### Popular modules

#### Year 1 (Level 4 modules)

- Person-Centred Approaches in Counselling
- Social Political and Cultural Context of Counselling
- Human Growth and Development
- Personal and Professional Development 1 (double module)
- Unit 23: Managing and Leading People in Children's Early Education and Care Environments
- Independent Work-based Learning 1 (double module)
- Comparative Theoretical Approaches
- Counselling for Loss and Grief

#### Year 2 (Level 5 modules)

- Introduction to Counselling Research
- Developing the Skills of Person-centred Counselling
- Personal and Professional Development 2
- Introduction to Counselling Ethics and the Law Relating to Counselling
- Work-based Learning 2





## Key Facts



**Type:** Full Time (1 day per week, plus 2 days per week for work based placement)



**Course:** Foundation Degree Level 4 & 5



**Duration:** 2 Years

# Health & Social Care

## Certificate in HE Level 4

### About the course

This course is delivered in partnership with The University of Worcester, from our Hereford Campus. When you choose to work in Health and Social Care, you face a wide range of opportunities. At Herefordshire College, we help you explore your options and discover evidence-based and contemporary issues pertinent to many aspects of the health and social care sector. Our Cert. HE sits within the first year of our Foundation Degree and is all about experiencing a variety of roles and supports students in developing skills including reflective practice, self-awareness and interpersonal skills essential for a career in health and social care.

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### Why choose us

You will be working with a team of academics, clinicians and work-based learning tutors who hold a range of expertise and experience relevant to health and social care. You will examine the theoretical concept of reflective practice and apply system-based knowledge of anatomy and physiology to practice. You will develop and enhance your self-awareness and interpersonal skills alongside gaining an insight

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into the importance of evidence-based practice within health and social care.

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### Popular modules

- Preparing for Practice in Health and Social Care
- Contemporary Issues in Health and Wellbeing
- Ethics, Values and Use of Self in Practice
- Communication Skills for Practice
- Human Development across the Life course
- Introduction to Anatomy and Physiology (optional module)
- Working with intersectionality in social care (optional module)



## Key Facts



**Type:** Full Time (1 day per week plus independent study)



**Course:** Certificate in HE Level 4



**Duration:** 1 Year



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# Health & Social Care

## Foundation Degree Level 5

### About the course

This course is delivered in partnership with The University of Worcester, from our Hereford Campus. When you choose to work in Health and Social Care, you face a wide range of opportunities. At Herefordshire College, we help you explore your options and discover evidence-based and contemporary issues pertinent to many aspects of the health and social care sector. Our Cert. HE sits within the first year of our Foundation Degree and is all about experiencing a variety of roles and supports students in developing skills including reflective practice, self-awareness and interpersonal skills essential for a career in health and social care.

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### Why choose us

You will be taught by a teaching team whose expertise and knowledge are closely matched to the content of the modules on the course. The team includes senior academics, professional practitioners and work-based learning tutors all with industry experience. Teaching is informed by research and consultancy, and all lecturers have a teaching qualification or are Fellows of the Higher Education Academy.

### Popular modules

- Innovative Working in Health and Social Care
- Understanding Health Conditions in Person-centred Practice
- Research and Evidence-based Practice
- Understanding Teamwork in Professional Practice
- Promoting Health and Wellbeing
- Equality, Diversity and Anti-oppressive Practice



## Key Facts



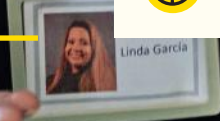
**Type:** Full Time (1 day per week plus independent study)



**Course:** Foundation Degree Level 5



**Duration:** 2 Years



Linda García

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# Music Technology (Sound Engineering)

HNC Level 4

## About the course

This course is designed to enhance your existing practical and theoretical knowledge as well as explore a new wealth of information to give you a strong launching point for your career in the music industry. You will explore a wide range of topics including Sound Engineering Fundamentals, Marketing and Promotion, Recording Technology, and Live Sound Techniques.

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## Why choose us

Smaller class sizes giving more individualised access to tutors. – Access to industry standard software and equipment such as our SSL Duality Delta console and AVID Pro Tools. Extensive studio access in a multi-studio facility.

## Popular modules

- Creative Software Techniques – using music software to create from the studio to the stage
- Music Production Fundamentals – looking at production techniques through the ages and applying them practically
- Recording Technology – planning & practical application of recording skills
- Live Sound Techniques – understanding the fundamentals of live sound planning, setup and execution



## Key Facts



**Type:** Part Time (1/2 day per week)



**Course:** HNC Level 4



**Duration:** 2 Years

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# Outdoor Adventure

HNC/HND Level 4 & 5

## About the course

These courses equip students with the outdoor adventure skills, knowledge and understanding necessary to achieve high performance in the UK and international outdoor adventure environment. They will also provide insight and understanding into the diversity of roles within outdoor adventurous activities, and provide students the opportunity to develop the skills, techniques and personal attributes essential for successful working lives in the industry.

The Level 4 programme lays the foundations of learning by providing a specialised introduction to outdoor adventure in the UK landscape. The programme provides an introduction to the subject area via a mandatory core of learning while allowing for the acquisition of skills and experience through non-mandatory units and an understanding of a range of occupational sectors at Level 4. This effectively builds underpinning core skills while preparing students for subject specialisation at Level 5. Students will gain a wide range of sector knowledge tied to practical skills gained in research, self-study, directed study and workplace scenarios. By the end of Level 4 students will have sound knowledge of concepts of outdoor adventure in the UK, and be competent in a range

of subject-specific skills as well as general skills and qualities relevant to the industry.

The Level 5 programme builds upon previous learning, enabling students to develop a sound understanding of the principles in their field of study and how to apply those principles more widely. Students will have to learn to evaluate the appropriateness of different approaches to solving problems. They will be able to perform effectively in outdoor adventure management scenarios and will have the qualities necessary for employment in situations requiring the exercise of personal responsibility and decision-making in the industry.

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## Why choose us

The Outdoor Adventure HNC/HND is taught by a range of highly experienced industry professionals and the aim of the course is to develop your theoretical and practical knowledge of outdoor adventure related subjects. There is a well balanced programme of study between theoretical and practical aspects of learning, with opportunities to undertake practical activities across the region and further afield.



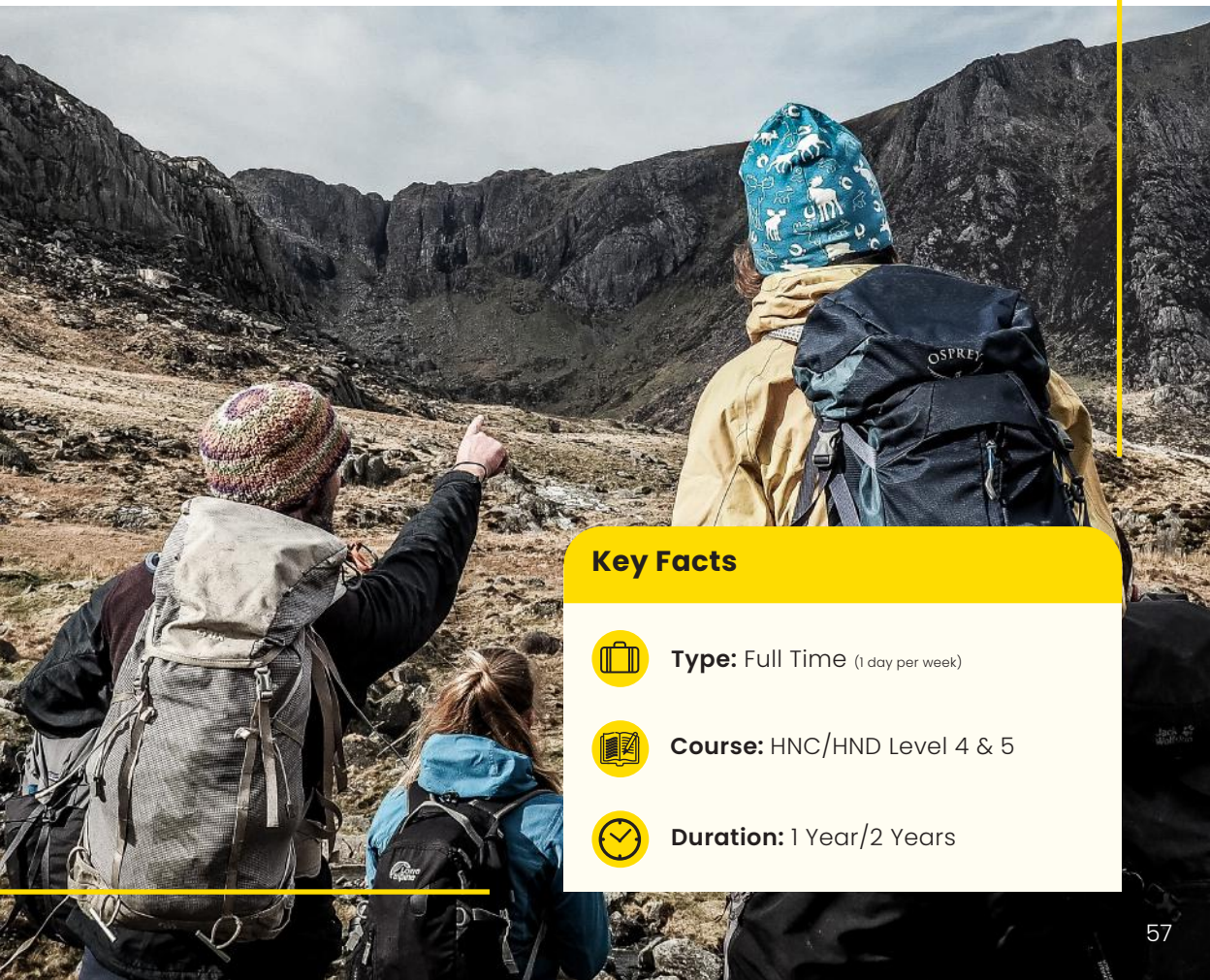
## Popular modules

### Level 4 modules

- Physical Activity, Lifestyle & Health
- The Sport Landscape
- Project Management
- Risk & Safety Management in the Outdoors
- Outdoor Learning
- Expedition Leadership
- Outdoor Leadership
- Outdoor Activities

### Level 5 modules

- Research Project
- Entrepreneurism in Sport
- Outdoor Facility Management
- Adventure Programming
- Advanced Coaching
- Personal & Professional Development
- Work Experience



### Key Facts



**Type:** Full Time (1 day per week)



**Course:** HNC/HND Level 4 & 5



**Duration:** 1 Year/2 Years



Herefordshire,  
Ludlow & North  
Shropshire College

For course dates, more information and  
to apply or express your interest, visit our  
website [hlnc.ac.uk](http://hlnc.ac.uk)