



Computing - Software Engineering HND

Following on from the HNC and with a focus on software engineering, this Computing HND Level 5 qualification will provide you with the skills and knowledge to build you up to a successful career in working with software technology and software testing. Craven College is part of the NEW Yorkshire and Humber Institute of Technology (which has received £10m Government investment). You will have access to a brand new floor of high spec i7 PCs as well as industry standard Cisco Networking equipment on our Skipton Campus. We are working with a network of employers so that your curriculum meets their future employment needs in areas such as Ethical Hacking, Penetration Testing and Data Erasure. An Achievement Bursary of £750 is available for all students on this course. [Available for February 2020 start.](#)

Level: 5

Campus: Aireville Campus

Awarding Body: PEARSON

Duration: 1 Year

Validated: Pearson

UCAS Code: A3Y5

Institution Code: C88

Campus: Aireville

Overview

In partnership with Skipton Building Society, Computershare, Cottages.com, JBA Consulting, PEEL interactive, Selestial Software, CPOMS and Craven District Council, this qualification has been developed alongside experts in the industry and will allow you to make your move into employment within the computing industry.

The course will be taught over 1 or 2 days a week allowing you to work alongside studying and with a total cost of £6,000 (£6750 with a cash payment of £250 at the end of each term conditional on at least 85% attendance and making expected progress).

With enrichment, that could include Arduino Robotics and Raspberry Pi Alarms alongside employer Masterclasses, Mentoring and Work Shadowing, this course will offer you the opportunity to gain valuable vocational and professional skills.

You will need to undertake significant independent study outside of taught sessions. For every one taught hour you should spend at least two hours studying independently away from College, equating to at least eight hours per week.

Assessment is on a continuous basis with up to two assignments in each unit. Assessment is via coursework which takes a variety of forms including written reports, presentations, portfolios and written reflections.

Modules

- Computing Research Project
- Business Intelligence
- Discrete Maths
- Advanced Programming
- Data Structures & Algorithms
- Internet of Things
- Client/Server Computing Systems

Entry Requirements

Computing HNC

Career Progression

- Network Engineer
- Software Engineer
- Data Analyst
- Software Developer
- Web Designer
- Ethical Hacker
- Penetration Tester
- Data Erasure

Academic Progression

- Computing BSc