

# ATHE Level 5 Diploma in Computing

## Qualification Overview

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The ATHE Level 5 Diploma in Computing is a 120 credit size Ofqual regulated qualification. It provides the core knowledge, understanding and skills to support learners planning to further their studies in computing.

It is equivalent to the second year of a degree programme in computing. Learners may also progress from this qualification into employment in the sector or into the final year of a Bachelors degree.

## Qualification Details

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<b>Qualification title</b>	ATHE Level 5 Diploma in Computing
<b>Qualification number</b>	601/4880/9
<b>Size</b>	120 credits (480 Guided Learning Hours)
<b>Structure</b>	10 mandatory units totalling 120 credits
<b>Entry Requirements</b>	Age: 19 +  Entry profile: <ul style="list-style-type: none"><li>• Prior study in computing or related subjects at level 4 or above</li><li>• A level 4 qualification, for example an ATHE Level 4 Diploma in Computing</li><li>• Other equivalent international qualifications</li></ul>
<b>Modes of Study</b>	Classroom, distance learning, blended
<b>Assessment</b>	Assignment
<b>Overall Grading Type</b>	Achieved/Not Achieved
<b>Fees</b>	Registration and verification fees per learner per qualification apply. If you are a learner, please contact a recognised ATHE centre to find out more on course details, fees and start dates. Centres can go to <a href="http://www.athe.co.uk/learner-registrations">www.athe.co.uk/learner-registrations</a> to request a fee structure applicable to their location.
<b>SFA funding</b>	Eligible for Advanced Learner Loans

# Qualification Content

## Cyber Security

Learners will develop an understanding of the importance of cyber security to organisations. They will understand industry standards of cyber security and be able to recommend improvements in security to a client's network.

## Web Based Development

Learners will develop an understanding of web based development. They will research different technologies that can be used to create dynamic and interactive websites and they will use this research to develop their own website. They will investigate e-marketing and SEO techniques to promote web sites and they will suggest appropriate techniques to solve a business problem. Learners will create a back end database to allow the database to interact with the website. They will critically review the web-based solution against client requirements.

## Innovative Technologies in Computing

Learners will develop an understanding of innovative developments in technology and their impact on the computer industry

## Software development methodologies

Learners will learn about using software development methodologies to develop an information system.

## Network Design

Learners will learn IT network design fundamentals and will design a network for a client in accordance with a design brief.

## Database Design and Development

Learners will extend their understanding of database design and development. They will research database management systems and will design and implement a complex database

## Ethical, Legal and Regulatory Issues and Professional Responsibilities in IT

Learners will develop understanding of ethical, legal, regulatory issues and professional responsibilities relating to working in IT.

## Strategic Management Information Systems

Learners will develop an understanding of the importance of integrating organisational strategy with information systems and the tools and techniques that can be used to analyse strategy. They will analyse business processes and recommend improvements.

## Managing a computing project

Learners will find out about different project management tools and techniques that can be used when managing a computing project. They will use tools and techniques to plan, implement and review their own computing project.

## Computing Research Methods

Learners will develop an understanding of different computer based research methods. They will plan their own research and carry out a research project based on an area of interest to them within computer science.

# Progression

## University

### ATHE Level 5 Diploma in Computing

entry to various Bachelor Degree top-up programmes at a higher education institution including those where we have progression agreements.

See [www.athe.co.uk/progression](http://www.athe.co.uk/progression)

# Find Out More

Awards for Training and Higher Education is an Ofqual regulated awarding organisation that provides centres with a wide variety of qualifications including, but not limited to; business, administrative management, tourism, law, computing and health and social care.

We have made a name for ourselves with good customer service, excellent quality standards and rewarding qualifications with progression routes to university degrees.

For any general queries, you can contact us via email on [enquiries@athe.co.uk](mailto:enquiries@athe.co.uk) or telephone +44 (0)1603 760 030.

