



# Oakswood College

Empowering Through Education



## ATHE Level 5 Course Summary

### *Diploma in Computing*

PROMOTING EXCELLENCE • ENSURING COMPLIANCE  
SUPPORTING OUR COMMUNITY



GOVERNANCE



QUALITY



COMPLIANCE



EXCELLENCE

[www.oakswoodcollege.co.uk](http://www.oakswoodcollege.co.uk)

## COURSE SUMMARY DOCUMENT

### ATHE Level 5 Extended Diploma in Computing (120 Credits) Programme

Specification Version 1.0 — Valid from February 2024

<b>COURSE TITLE:</b>	ATHE Level 5 Extended Diploma in Computing (120 Credits), Qualification Number 61037151
<b>DURATION OF COURSE:</b>	Average duration 12 months. Total Qualification Time is 1200 hours, including 480 Guided Learning Hours.
<b>WHEN COURSE IS TAUGHT:</b>	September, January & April intakes  Teaching Blocks: September to December, January to March, April to June, July to September.
<b>ENTRY REQUIREMENTS:</b>	<ul style="list-style-type: none"> <li>• Designed for learners typically aged 18+.</li> <li>• Prior qualifications and experience to confirm they have the foundations to study at Level 5.</li> <li>• For learners recently in education or training, the likely entry profile includes prior study in computing or related subjects at Level 4 or above, a Level 4 qualification such as an ATHE Level 4 Diploma/Extended Diploma in Computing, or other equivalent international qualifications.</li> <li>• Learners may also have relevant work experience.</li> <li>• Learners must have an appropriate standard of English to access resources and complete assignments. Recommended English standards include IELTS 5.5, CEFR B2, Cambridge English Advanced (CAE) 162 or above, or Pearson Test of English Academic (PTE Academic) 42–49.</li> <li>• Mature learners may present a more varied profile of achievement, including extensive relevant paid or unpaid work experience, responsibility, participation and/or achievement of relevant professional qualifications. This may be used for Recognition of Prior Learning (RPL).</li> </ul>
<b>COURSE OUTLINE:</b>	<p>The ATHE Level 5 Extended Diploma in Computing (120 credits) is designed for learners who are planning to work in, or are already working in, the computing and digital technology sector and who wish to develop advanced technical knowledge, occupational skills and professional computing capability.</p> <p>The qualification builds on the Computing foundation offered by the Level 5 Diploma and offers learners access to both pathway learning for role-based occupational development (Data Technologist, Software Engineer, NetDevOps Engineer), or broader and diverse opportunities for more academic and professional learning development.</p> <p>The programme covers core computing management themes including Computing Projects for Digital Transformation, Professional Development and Business Communication, Innovative Technologies and Connected Devices, and Information Systems, alongside a wide range of optional technical units enabling learners to specialise in areas such as Advanced Database Practice, Programming for Data Engineering, Data Analytics and Machine Learning, Advanced Programming, Client and Server Technologies, Virtualisation and Cloud</p>

Computing, Cloud Native Solutions, Penetration Testing and Ethical Hacking, Digital Forensics, Network Developer and IT Operations (NetDevOps), and Network and Cloud Design and Configuration. A key feature of the qualification is its synoptic focus.

Unit 17 (Advanced Project) is the culmination of the qualification, requiring learners to synthesise and apply the skills and knowledge acquired across the programme. The qualification develops learners' practical computing skills and the study and transferable skills necessary for growth both personally and within the working environment.

On successful completion, learners may progress to employment in a computing role, to larger qualifications at the same level (e.g. from the Diploma to the Extended Diploma in Computing), to a Level 6/7 ATHE qualification such as the ATHE Level 7 Extended Diploma in Computing Technologies, or to the final year of degree programmes at universities supporting the ATHE progression route.

**PROGRAMME CONTENT - CORE MODULES AND ANY OPTIONAL MODULES:**  
(Including number of credits)

Students must achieve the 4 mandatory units, any 3 optional units and Unit 17 Advanced Project.

Unit Codes	Unit Title	Level	Credit	GLH
<b>Mandatory units</b>				
F/651/0150	Unit 1 Computing Projects for Digital Transformation	5	15	60
H/651/0151	Unit 2 Professional Development and Business Communication	5	15	60
J/651/0152	Unit 3 Innovative Technologies and Connected Devices	5	15	60
K/651/0153	Unit 4 Information Systems	5	15	60
<b>Optional units</b>				
L/651/0154	Unit 5 Advanced Database Practice	5	15	60
M/651/0155	Unit 6 Programming for Data Engineering	5	15	60
R/651/0156	Unit 7 Implementing Data Flows and Data Warehouses	5	15	60
T/651/0157	Unit 8 Data Analytics and Machine Learning	5	15	60
Y/651/0158	Unit 9 Advanced Programming	5	15	60
A/651/0159	Unit 10 Client and Server Technologies	5	15	60
H/651/0160	Unit 11 Virtualisation and Cloud Computing	5	15	60
J/651/0161	Unit 12 Cloud Native Solutions	5	15	60
K/651/0162	Unit 13 Penetration Testing and Ethical Hacking	5	15	60
L/651/0163	Unit 14 Digital Forensics	5	15	60
M/651/0164	Unit 15 Network Developer and IT Operations (NetDevOps)	5	15	60
R/651/0165	Unit 16 Network and Cloud Design and Configuration	5	15	60
<b>Mandatory synoptic unit</b>				
T/651/0166	Unit 17 Advanced Project	5	15	60

**WORKLOAD:**  
(Including number of contact hours with College staff and expected hours of self-study)

The ATHE Level 5 Extended Diploma in Computing is a 120-credit qualification. Total Qualification Time (TQT) is 1200 hours, and Total Guided Learning Hours is 480 hours.

TQT includes Guided Learning Hours plus additional learning such as preparation for classes, independent and unsupervised research or learning, unsupervised work on assignments, compilation of evidence, unsupervised e-learning, coursework, pre-recorded webinars or podcasts, and unsupervised work-based learning if applicable.



<b>LENGTH OF THE MODULES:</b>	<i>Each module lasts 10 weeks (equivalent to one term) covering 40 contact hours. Three modules are taught per term.</i>
<b>THE OVERALL METHODS OF ASSESSMENT FOR THE MODULES:</b> (For example, exams, coursework or practical assignments)	<p>Assessment for each unit is based on achievement of the Learning Outcomes at the standards set by the Assessment Criteria. Learners may achieve Pass, Merit, Distinction or Fail for each unit.</p> <p>Assessment is completed through submission of internally assessed learner work which may also include a PowerPoint presentation where required.</p> <p>Oakwood College uses ATHE provided assignment briefs for each unit, including extension activities for higher grades. The qualification includes mandatory business, finance, leadership and management units, plus two optional specialist units selected according to the rules of combination.</p>
<b>AWARD RECEIVED ON SUCCESSFUL COMPLETION OF THE COURSE:</b>	<p>ATHE Level 5 Extended Diploma in Computing (120 Credits) / Qualification Number 61037151 Awarding Body: ATHE (Awards for Training and Higher Education) UK Ofqual-regulated awarding organisation</p>
<b>WHERE THE PROGRAMME IS TAUGHT:</b>	<p><b>Programme Delivery Location and Address:</b></p> <p>In-person, on-campus at: Oakwood College Tricorn House 7th Floor 51–53 Hagley Road Birmingham B16 8TP</p> <p>Modes of delivery may include full-time, blended learning or distance learning.</p>
<b>STAFF WHO ARE DELIVERING THE TEACHING:</b>	<p>Teaching is delivered by a team of academics with expertise in business management, international business, computing, marketing, finance, operations and human resource management, many of whom have significant professional and consultancy experience in industry.</p>
<b>THE FEES WHICH STUDENTS CAN EXPECT TO PAY:</b>	<p>Fees: £1,800. Privately paid by the student.</p>
<b>REASSESSMENT FEES</b>	<p>Reassessment Fees for Each Module: £20 Plus External Verification Fees: £200</p>
<b>COURSE DEPOSIT:</b>	<p><i>25% of the tuition fee</i></p>
<b>ADDITIONAL PROGRAMME COSTS:</b>	<p><b>These are costs in addition to tuition fees that students may have to pay to complete the course. The figures provided here are indicative estimates of additional costs:</b></p>



	Cost item	Compulsory / Optional	Indicative amount / range per year
	Books and other study materials	<b>Optional</b> (library provides e-access to many core texts)	Around <b>£100 per year</b> (minimum average spend typically advised for undergraduate books)
	Printing and photocopying	<b>Optional</b> (students choose how much to print)	<b>£50 per year</b> recommended to cover general printing and final-year project printing/binding
	Stationery and general study supplies	<b>Optional</b>	Approximately <b>£30–£60 per year</b> depending on personal preference
	Optional UK study trips and visits	<b>Optional</b> – only if students choose to participate	Typically, <b>£20–£60 per UK day trip</b> , depending on destination and activity
	IT equipment and internet access	<b>Expected</b> (students must be able to access online resources and VLE)	Highly variable; many students use an existing laptop. Where a new device is needed, a basic study-ready laptop typically costs <b>from £300 upwards</b>
<b>QUERIES:</b>	If you have any questions about this Course Summary Document or the course in general, please contact our Academics team on: <a href="mailto:academicsupport@oakwoodgroup.co.uk">academicsupport@oakwoodgroup.co.uk</a>		