Package of support for Software Development qualifications

10th March 2023

What we'll cover today

- ✓ The demand and challenges for digital skills

- ✓ Level 3 adult funding policy

- ✓ Technology and content

- ✓ Explore the qualifications

- ✓ How this works operationally

- ✓ Next steps

g gateway
qualifications

Gateway Qualifications' response

A progression ladder from Entry to Level 5

Productivity skills

Specialist digital skills from Level 1 to Level 5

No Longer Optional:
Employer Demand for Digital Skills

June 2019
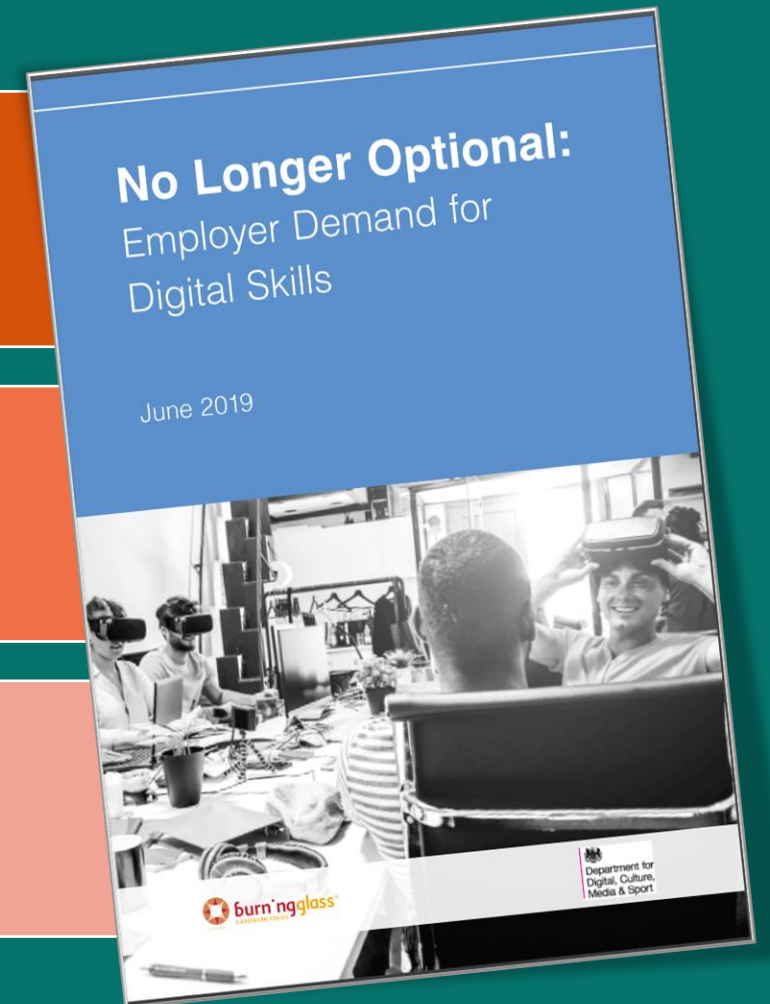
Adult Funding Landscape at level 3

Bootcamps

National Skills Fund

Free courses for jobs

September 2020

April 2021

April 2022

gateway
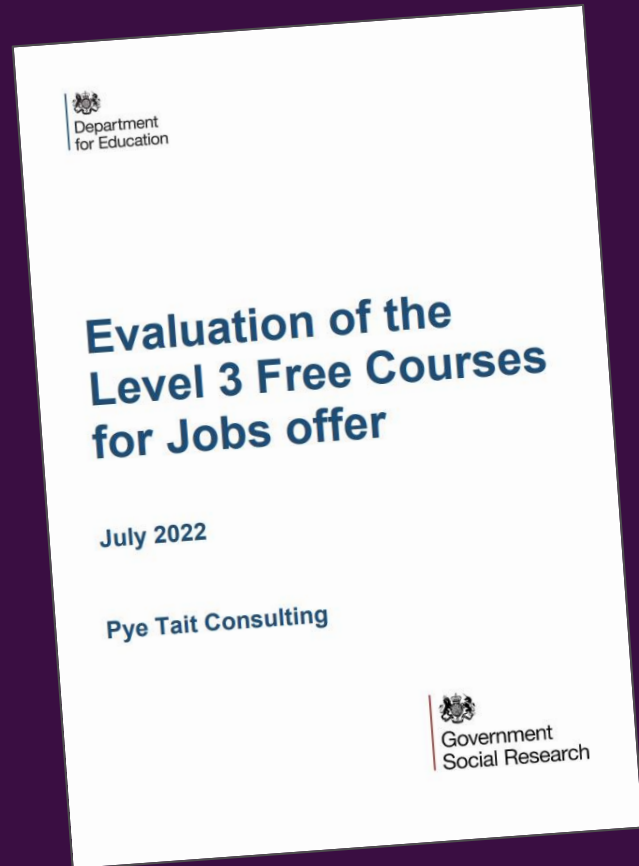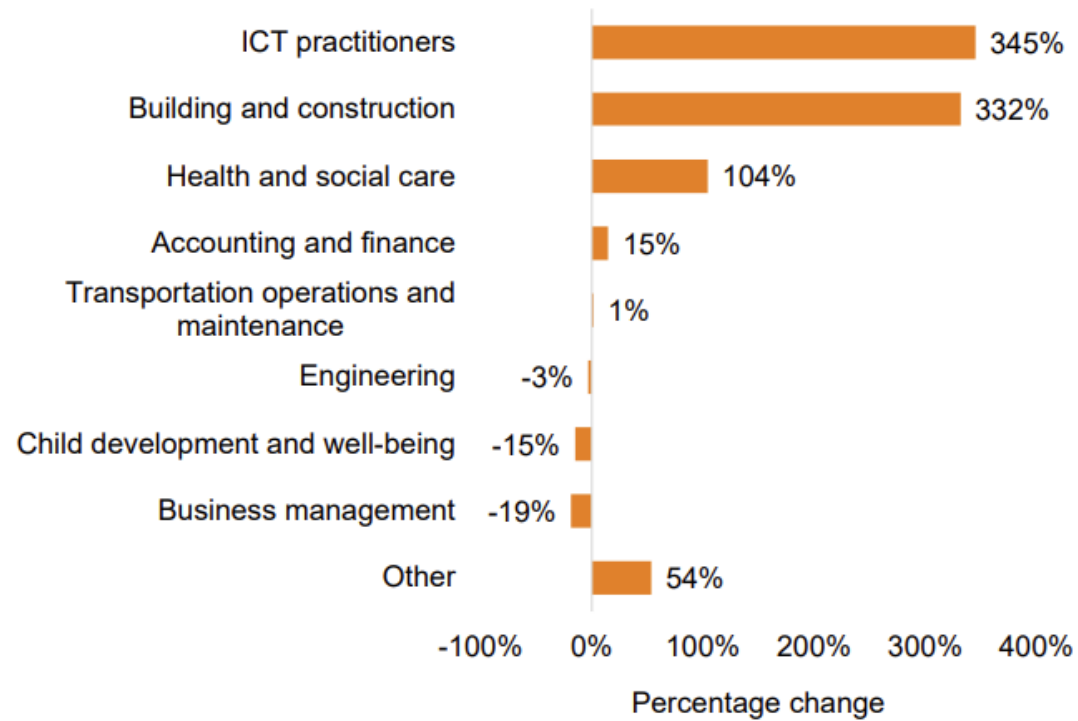qualifications

Policy impact

Evaluation of the Level 3 Free Courses for Jobs offer

July 2022

Pye Tait Consulting

Department for Education

Government Social Research

Figure 9 Percentage change in starts by SSA

Category	Percentage change
ICT practitioners	345%
Building and construction	332%
Health and social care	104%
Accounting and finance	15%
Transportation operations and maintenance	1%
Engineering	-3%
Child development and well-being	-15%
Business management	-19%
Other	54%

Percentage change

Source: Analysis of ILR data.

What are your biggest challenges in meeting these needs?
Poll

- ❑ Recruiting learners
- ❑ Lack of access to up-to-date, high-quality teaching material
- ❑ Skills and experience of staff
- ❑ Identifying employment opportunities in the region
- ❑ Something else (specify in comments)

Please expand your choice in the comments

gateway
qualifications

Code Institute

- ✓ Industry-led training provider

- ✓ Technical supplier of platform and high quality content

- ✓ Provides a complete solution for Centres

Code Institute services
for the learner

Video-based learning material with accompanying text transcripts	Embedded development environment for learners to practice skills	Multiple-choice question banks to assess knowledge gained	In-app support from the Code Institute tutoring team
Access to integrated development environment for project work	Careers portal with guidance on CV, Interview and Portfolio presentation	Access to global learner community for additional support	Progress reports
	Learner care ticket submission	FAQ/support Hub.	

gateway
qualifications

Code Institute services
for Centres

Marketing to support learner recruitment	Coding challenge	IAG support	Onboarding
Integrated development environment	Host environment as practice hub	Assessment environment	Out of hours remote academic support to learners.

gateway
qualifications

Background & Context

"We aim to change the lives and careers of our learners by helping them access jobs in the digital workforce through a combination of industry aligned online courses supported by people."

2015 - Founded
- Traditional Coding Bootcamp
- Serving Adult Learners

2018 - Engaged FE
- Qualifications Needed
- Engaged Gateway Qualifications

2021 - Skills Bill
- Developed L3 Curriculum
- Grew L5 with partners

2023 - L3 & L5 Offer
- L3 Deployment March 2023
- NESCOT & WAES first with L3

2016 - Launched LMS
- Greater flexibility
- Could empower partners

2020 - Deployed L5
- Early adopters
- Platform & Pandemic

2022 - Capability Growth
- Matrix Accreditation
- WMCA Partnership - L3 Bootcamp

code
institute

How we partner

"We operate as a supplier of platform, content, and optional support services to an extensive range of recognised centres, who deliver funded aims. We can also operate as subcontractor to prime contract holders in instances where it is appropriate to do so."

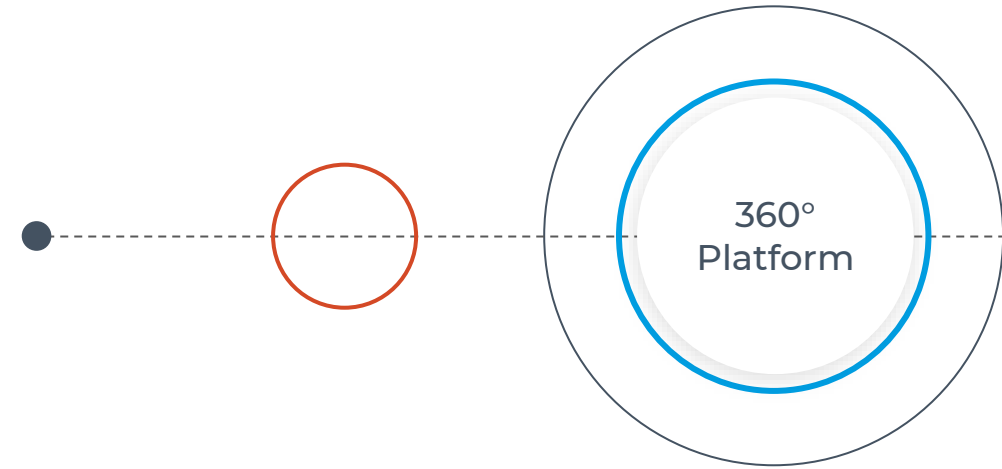| As Supplier	As Delivery Centre	Strategic
As technical supplier to Gateway Qualifications recognised centres providing platform and content aligned to qualifications.	Delivering qualifications as a subcontractor.	Strategic partnerships and credentials are a crucial part of delivery.

CITY of BRISTOL COLLEGE

Newcastle College

WESTMINSTER ADULT EDUCATION SERVICE

The College of West Anglia

London South Bank University

Cardiff and Vale College Coleg Caerdydd a'r Fro

msletb
Bord Oideachais agus Oiliúna
Mhaigh Eo, Shligigh agus Liatroma
Mayo, Sligo and Leitrim
Education and Training Board

Coleg y Cymoedd

gateway qualifications

West Midlands Combined Authority

SOUTH EAST LOCAL ENTERPRISE PARTNERSHIP

matrix
quality standard for information
advice and guidance services

code institute

Why Code Institute?

360°
Platform

| Flexibility	Employability	Reliability	Accountability	Quality
Through our LMS	Through our Curriculum	Through our support	Through our analytics	Through initial assessment

We are committed to helping centres facilitate learner success providing extended support and resources to ensure that graduates have the skills needed to succeed in today's digital market.

code
institute

Our LMS consists of:

- Rich learning content for L3 & L5

- Formative assessment for learners

- Project guidelines for learners

- Embedded tasks and challenges

- Career development curricula
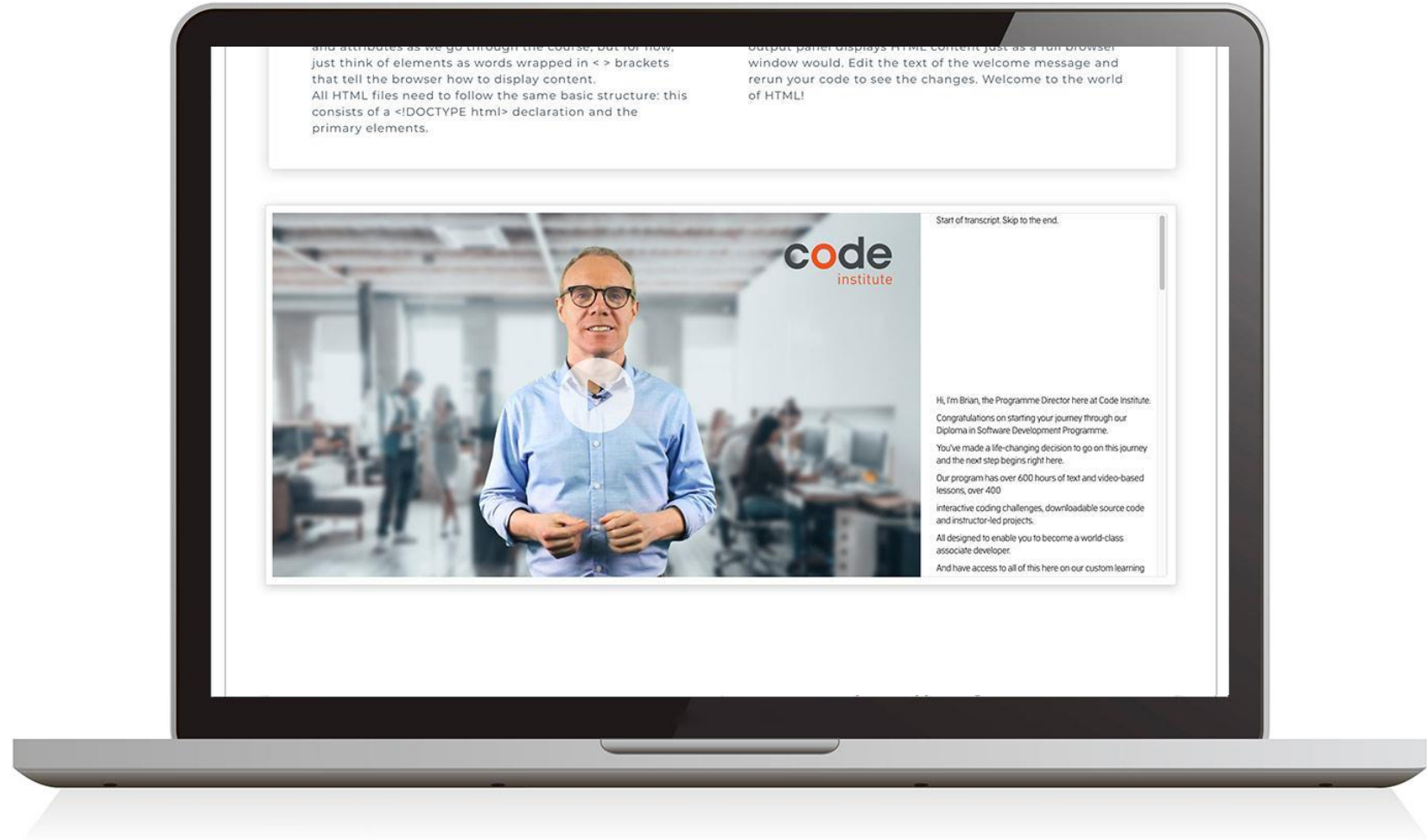
Industry-led curriculum for employability

accenture

PayPal

cpl.

Microsoft

Capgemini

gsk

DCU

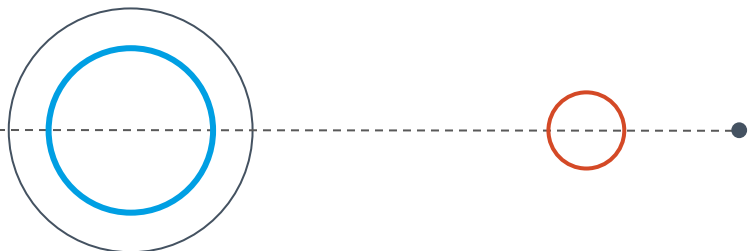MORGAN McKINLEY
— GO BEYOND —

INTERCOM

JOBBIO

salesforce

WorkJuggle

Red Hat

VUSION
A TRIMBLE COMPANY

cartrawler

code
institute

Supporting services to enhance your delivery

Learner Community
A community of practice for coders where they engage in social learning. The space also acts as a living knowledge base.

Optional Tutoring
Learners can avail of support when centre staff are unavailable from the Code Institute's team of tutors.

Hackathons
Code Institute run hackathons for learners of all levels who are working towards varied aims. They are an excellent way to develop collaborative working skills.

Technical Support
Available through the Code Institute Student Care team during business hours.

Career Services
Advice on resumé, portfolio and technical interview preparation.

Education Support

Instructor Onboarding
We make it easy for your centre to get up and running by helping your instructors familiarise themselves with the tools and resources in the platform.

Schedule Generation
The programme lengths can be customised to meet delivery requirements - whether that is for 16 weeks or an academic year.

Assessment Guidance
Guidance on the development of the four mandatory portfolio projects.

code institute

Analytics empower your teams

Our proprietary analytics tool gives our Learning Success & Learner Care teams real-time progress metrics to identify any at-risk learners and rectify problems before escalation. You also have access to your learner metrics, giving you full oversight of their progress.
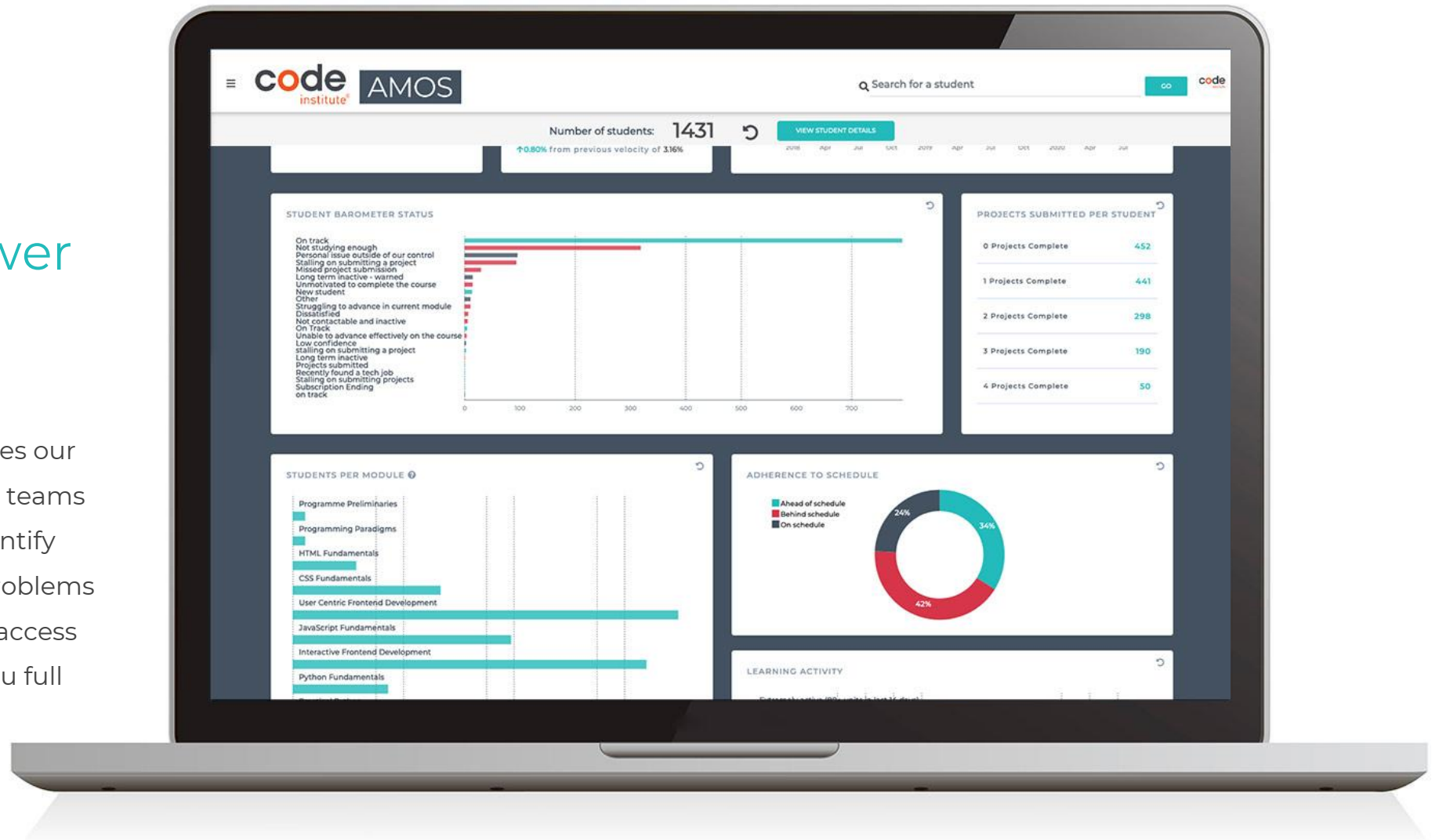
Initial Assessment drives quality
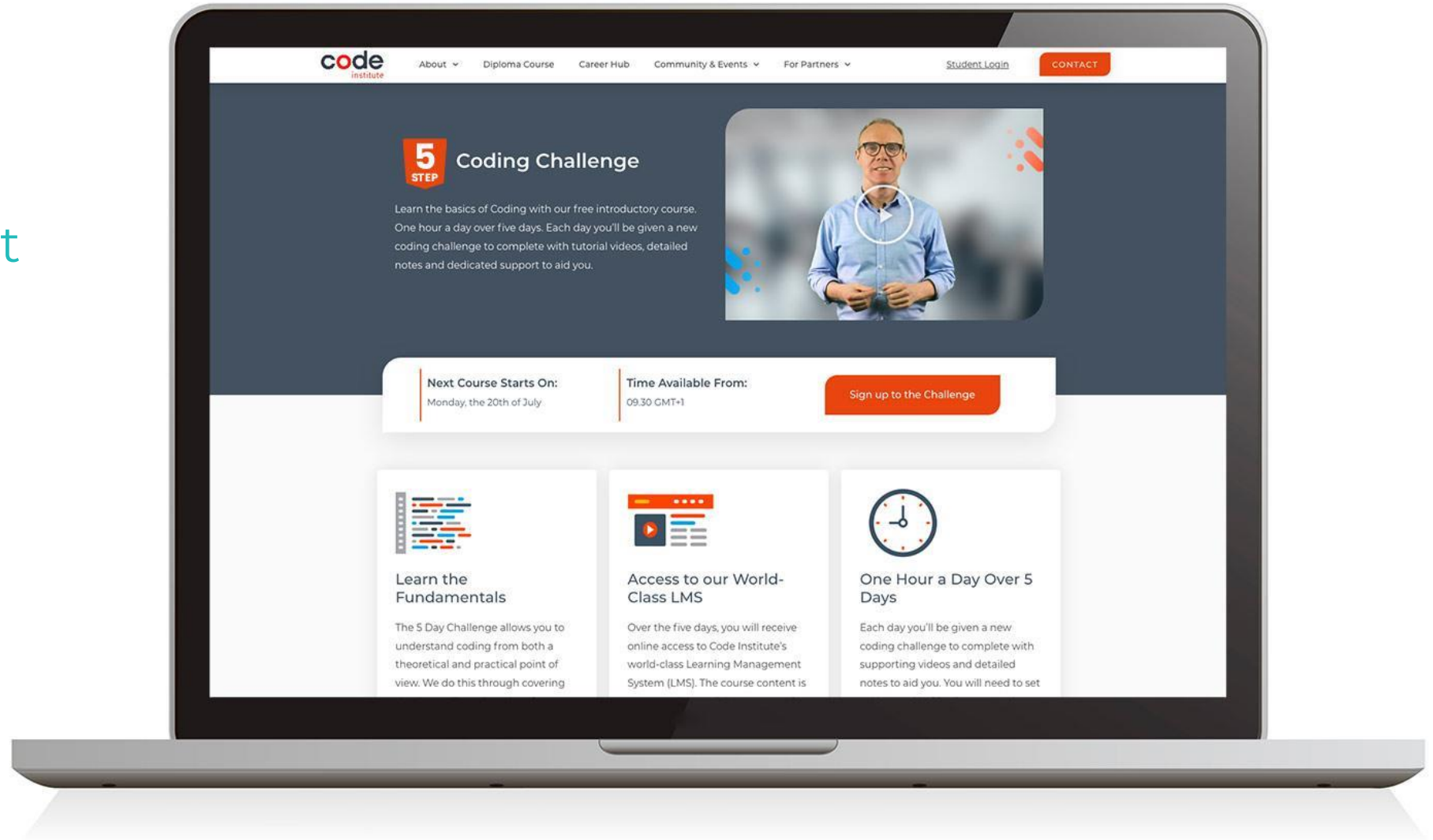
Level 3 Diploma/Certificate in Software Development

- 42 credits / 30 credits
- Gives foundational knowledge in software development practices
- Covers:
  - Project Management; Javascript; Software Testing; Programming Implementation; Maths for Computing; Robotics
- Fundable through Adult Education Budget, Level 3 Courses for Jobs, Bootcamps and learner loans

Level 5 Diploma in Web Application Development

- 75 credits
- Gives specialist knowledge in Full Stack Development
- Covers:
  - User Centric Frontend Development; Interactive Frontend Development; Backend Development; Full Stack Frameworks
- Fundable through the Advanced Learner Loan scheme

code institute

Your steps to launch...

Step 1	Step 2	Step 3	Programme Launch
Have a demo with Code Institute. Learn more about the platform's capabilities.	Achieve approval to deliver the Level 3 and/or Level 5 qualifications with Gateway Qualifications.	Develop project plan and gather relevant stakeholders.	**Implementation** (3 months)

Implementation (3 months)

- Deploy Initial assessment
- Marketing consultation
- Learner recruitment & signposting
- Tutor/Facilitator onboarding
- Ongoing support
- Peer consultation - E.G. COBC; WAES

code institute

gateway qualifications

CITY of BRISTOL COLLEGE

Would you like a member of the Business Development team to contact you to arrange a complimentary demonstration with Code Institute?
Poll

❑ Yes please
❑ No thank you

gateway
qualifications

About the qualifications

gateway
qualifications

Level 3 Certificate

Level 3 Certificate in Software Development

30 credits, 210 GLH

Project Management (mandatory unit)

4 units from the following:

• JavaScript
• Maths for Computing
• Object-Oriented Programming
• Programming Implementation
• Robot Technology
• Software Testing

QUALIFICATION SPECIFICATION

gateway qualifications

Suite of Digital and IT Qualifications (Level 3)

gateway qualifications
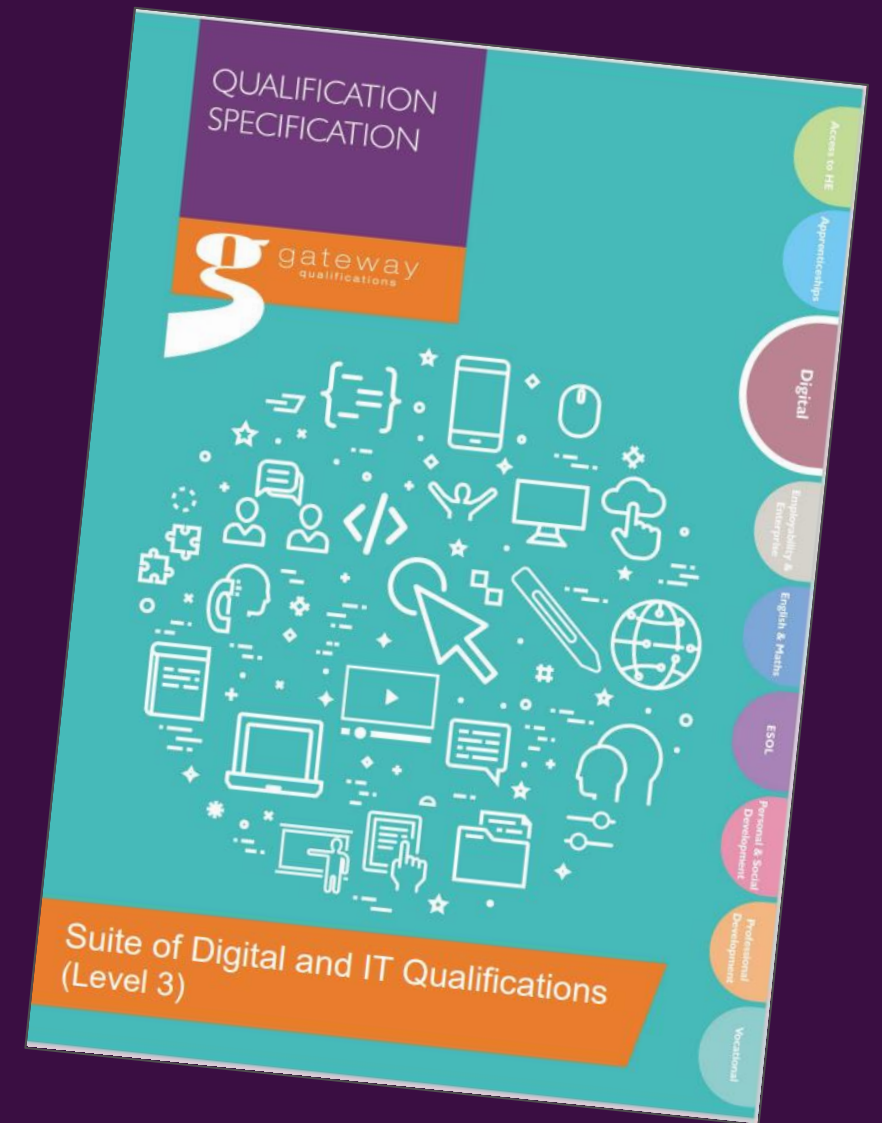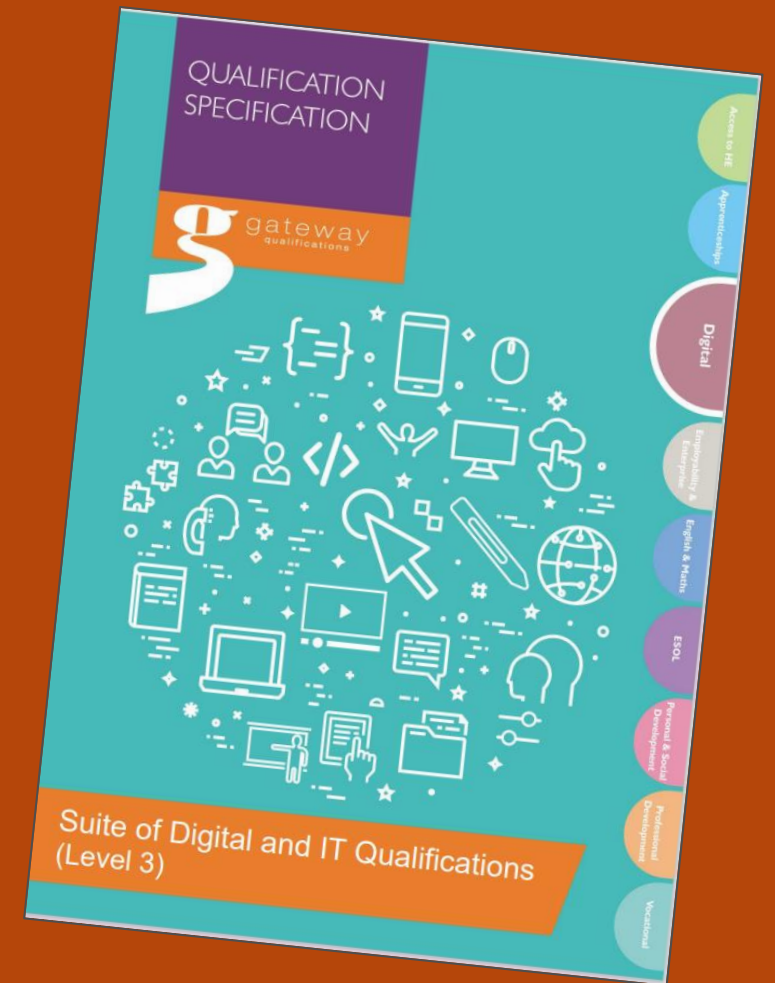
Level 3 Diploma

Level 3 Diploma in Software Development

42 credits, 294 GLH

Project Management (mandatory unit)

Plus:

- JavaScript
- Maths for Computing
- Object-Oriented Programming
- Programming Implementation
- Robot Technology
- Software Testing

QUALIFICATION SPECIFICATION

Suite of Digital and IT Qualifications (Level 3)

gateway qualifications

The qualifications

Assessed by a project-based portfolio of evidence

Progressive learning model

Classroom, blended, online

Delivered with high quality, online materials

gateway
qualifications

The qualifications

Aims

Designed for learners who want to develop and extend their digital and IT skills in software development and/or testing.

Learners

May already be working in software development

May be starting on a new career or upskilling

gateway
qualifications

Progression opportunities

Broaden the range of skills by increasing qualification size
(Certificate $\longrightarrow$ Diploma)

Progress to:

➢ Higher level qualification
➢ Level 5 Diploma in Web Application Development
➢ Apprenticeship
➢ Junior-level employment

gateway
qualifications

Code Institute's Learning Management System

Classroom, blended, online to fully support independent and remote learning.

High quality, online materials including differentiated activities to 'stretch and challenge' and worked examples allow learners to self-assess their own work.

Progressive learning model with both formative and summative assessment.

Summative assessment for each unit is a project-based portfolio of evidence.

gateway
qualifications

Units

Programming Implementation   6 credits   42 GLH

Learners will become familiar with the underpinning concepts of computer programming and the different types of languages used for different purposes, and how they implemented to develop software programs.

Object Oriented Programming   6 credits   42 GLH

Learners will become familiar with the underpinning concepts of object oriented programming (OOP) to develop skills in Python. They will look at the features, tools and techniques and use a structured approach to design and develop a program, ensuring it is documented and tested against user requirements.

g gateway
qualifications

Units

Software Testing   6 credits   42 GLH

Learners will develop an understanding of testing strategies and techniques and the stages from planning to acceptance testing. They will also understand how automation can be applied to software testing and will implement test plans, identify appropriate test data and record results.

JavaScript   6 credits   42 GLH

Learners will develop an understanding of JavaScript as a web-based programming language and how it is combined with HTML and CSS to create interactive web pages.

gateway
qualifications

Units

Project Management   6 credits   42 GLH

Learners will understand project management concepts and the processes and tools used by the software development industry to manage IT projects. They will learn about project management methodologies and use project management software to plan an IT project, track progress, and review the outcomes to determine project success.

Maths for Computing   6 credits   42 GLH

Learners will develop maths skills for computing, including matrices, series and probability. Learners will also apply number systems, including binary and hexadecimal, and interpret data sets for different purposes.

gateway
qualifications

Units

Robot Technology   6 credits   42 GLH

Learners will develop an understanding of the principles and operations of robots. They will learn about robot control systems, the different types of sensors and their application in a robot. Learners will also develop the skills to design and develop a program to control a robot and will understand the role and importance of legislation associated with robot technology.

Assessment and quality assurance

PROJECT 7
PROJECT 6
PROJECT 5
PROJECT 4
PROJECT 3
PROJECT 2
PROJECT 1
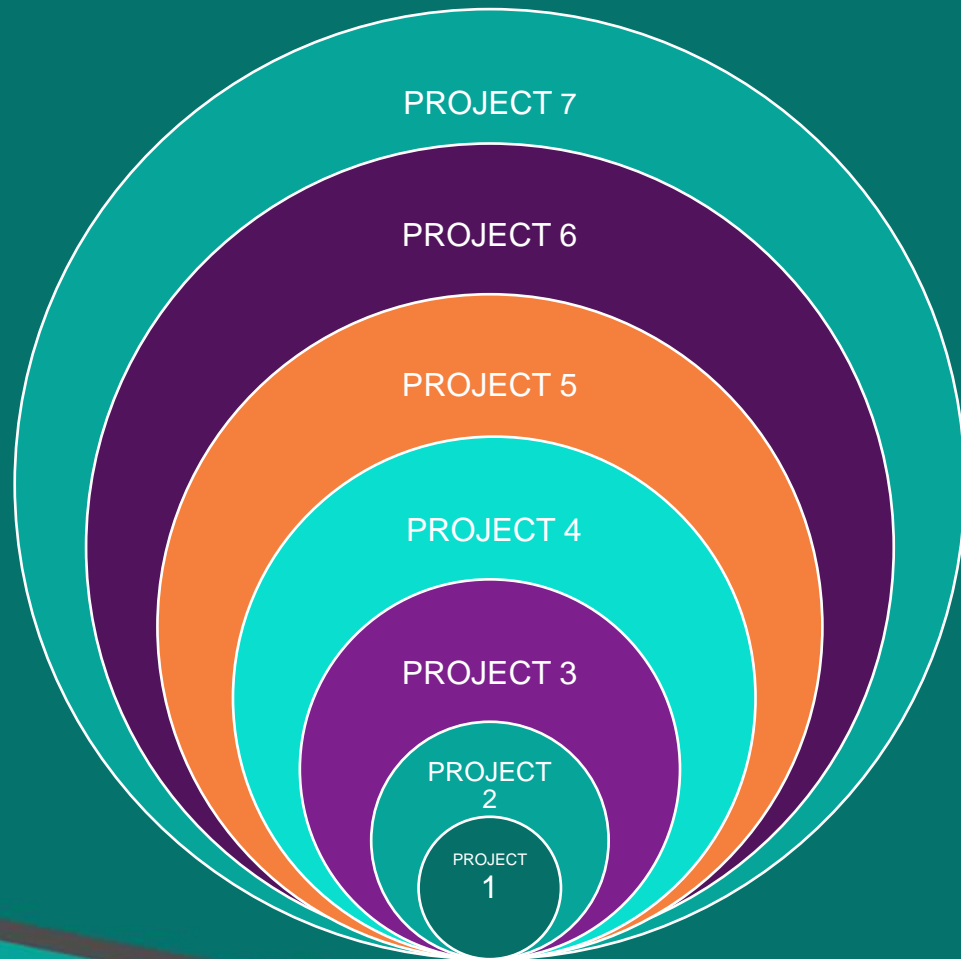
Summative assessment per unit

Grading
Pass / Fail
(all learning outcomes must be met to achieve a PASS)

Internal Quality Assurance

External Quality Assurance

Learner certification

Financial

Level 5 Diploma in Web Application Development 597 GLH	
Loan funding	£5421
LMS, content, support package	£1998
Learner registration	£237.50
Total costs	**(£2,235.50)**
Net	**£3,185.50**

Level 3 Certificate in Software Development 210 GLH	
Adult funding	£1795
LMS, content, support package	£623.75
Learner registration	£120
Total costs	**(£743.75)**
Net	**£1051.25**

Level 3 Diploma in Software Development 294 GLH	
Adult funding	£2733
LMS, content, support package	£1027.85
Learner registration	£138.50
Total costs	**(£1166.35)**
Net	**£1566.65**

gateway
qualifications

Level 3 Certificate in Software Development	Month					
	1	2	3	4	5	6
Monthly funding	0	£574.40	£287.20	£287.20	£287.20	£359.00
Cumulative	0	£574.40	£861.60	£1,148.80	£1,436.00	£1,795.00
Costs			(£120.00)	(£623.75)		
Net per learner			£741.60	£405.05	£692.25	£1,051.25
Cohort of 10			£7,416.00	£4,050.50	£6,922.50	£10,512.50

gateway
qualifications

National AEB key announcements

2.2% uplift

ICT for Practitioners 20% uplift

Deliver 110% of your AEB allocation

New adult skills funding rates from 2024 to 2025

gateway
qualifications

AEB uplift in non devolved areas
New adult skills funding rates from 2024 to 2025
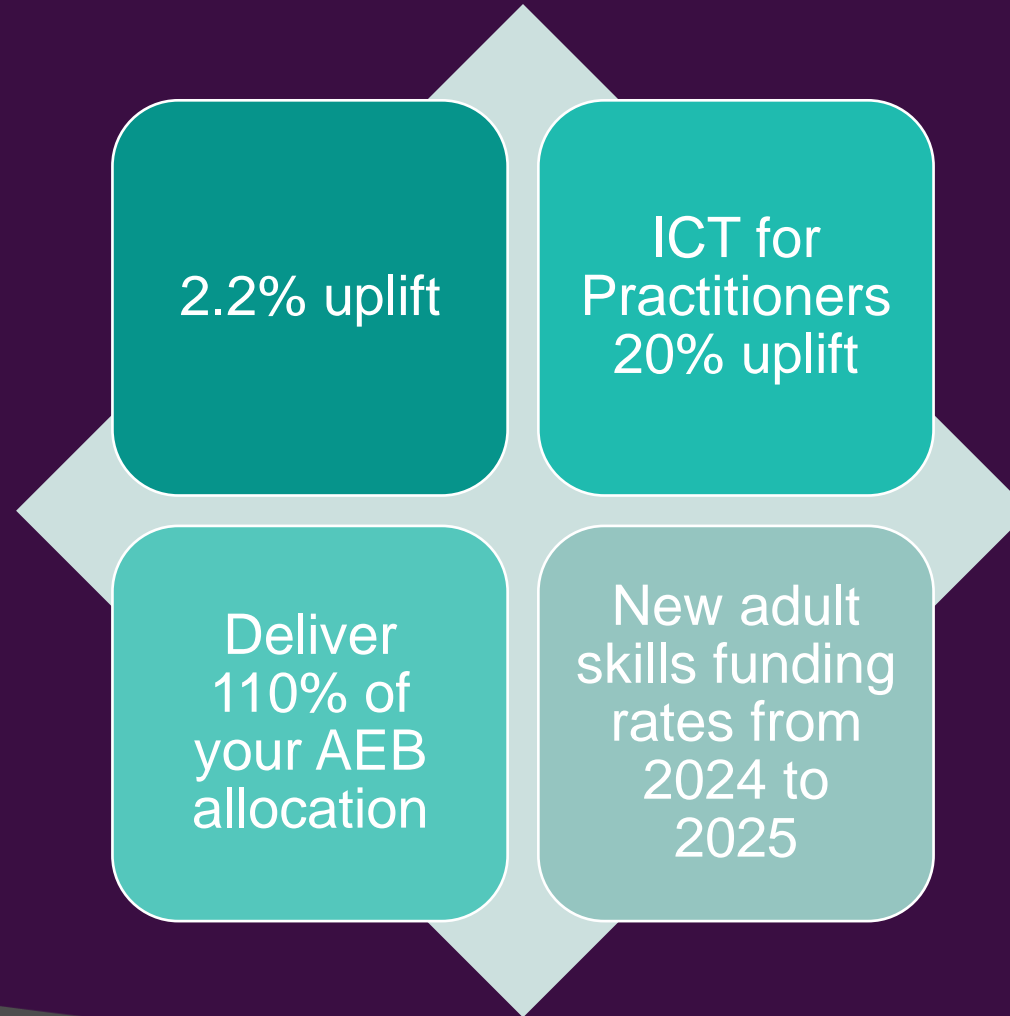
Level 3 Certificate in Software Development	With 2.2% uplift and 20% boost Month					
	1	2	3	4	5	6
Monthly funding	0	£704.44	£352.22	£352.22	£352.22	£440.28
Cumulative	0	£689.28	£1,056.66	£1,408.88	£1,761.10	£2,201.38
Costs			(£120.00)	(£623.75)		
Net per learner			**£936.66**	**£665.13**	**£1,017.35**	**£1,457.63**
Cohort of 10			**£9,366.60**	**£6,651.30**	**£10,173.50**	**£14,576.30**

Delivery Options

✓Range of models

✓Flexible schedule

✓Easily move between models

Sample Delivery Models			
Model	Classroom	Blended	Online
Duration	3 – 12 months	3 – 12 months	3 – 12 months
In Class	Full time	Part-time	N/A
LMS	Always on Access	Always on Access	Always on Access
Tutor	24-hour support	24-hour support	24-hour support

g gateway
qualifications

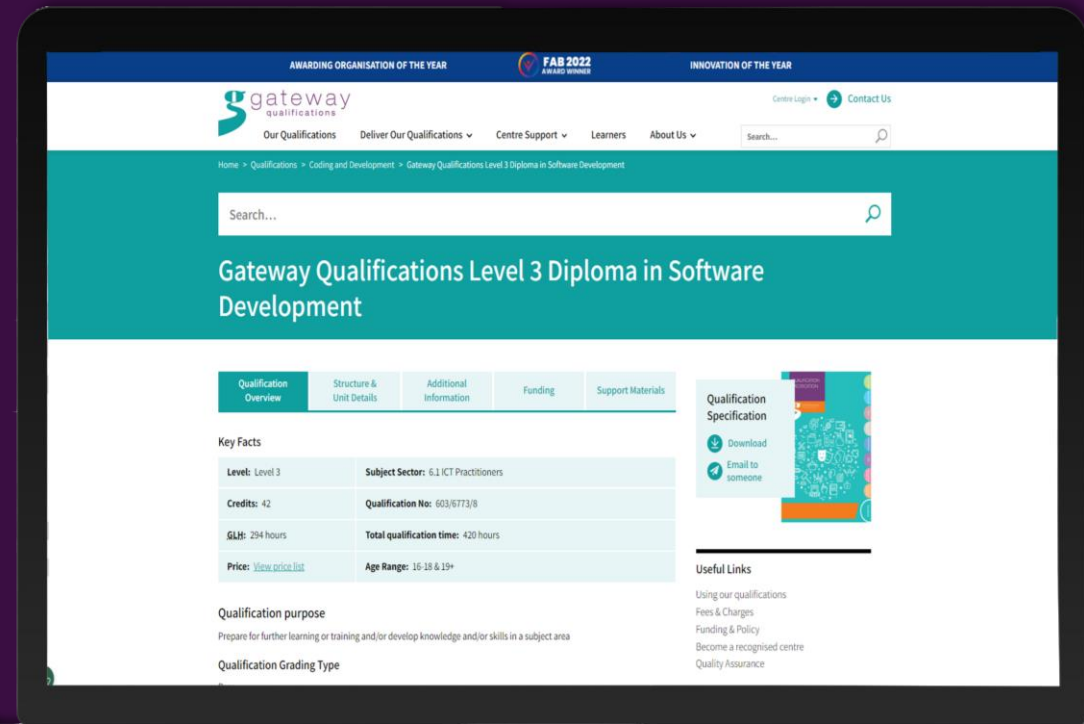# How are you most likely to deliver in your centre?
Poll

- ❑ Intensive blended programme
- ❑ Intensive classroom programme
- ❑ Year long blended programme
- ❑ Year long classroom programme
- ❑ Fully online

Please expand your choice in the comments
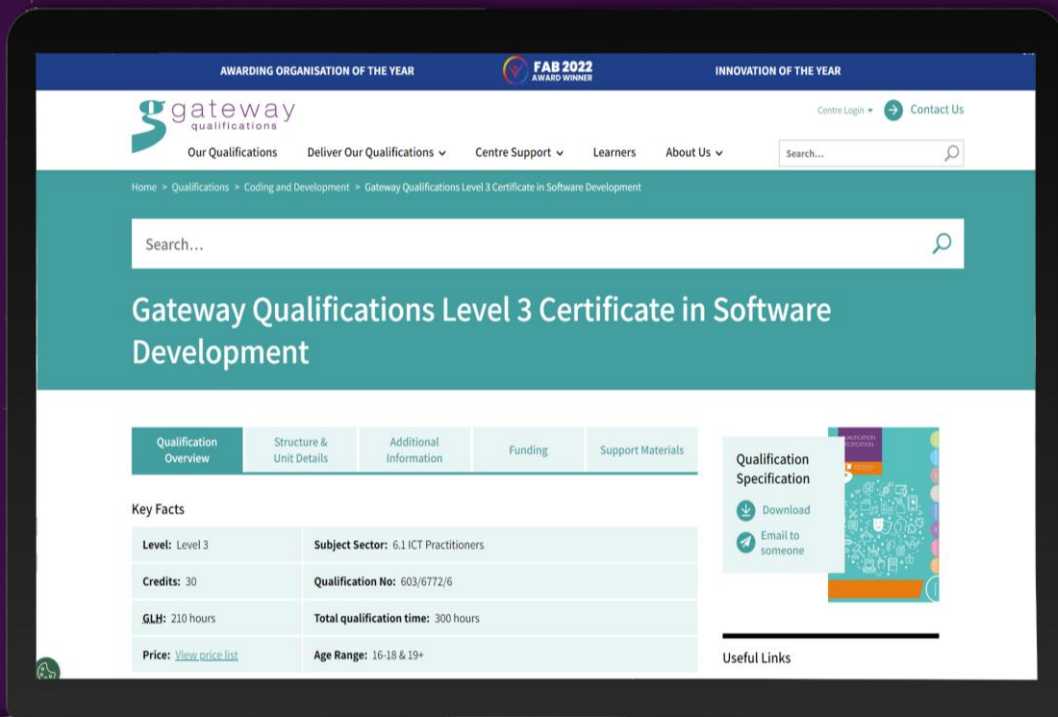
Level 3 Certificate

Level 3 Diploma

Next steps

Register interest → Demonstration is arranged → Continued access to LMS provided following demo → Qualification application → Additional terms and conditions to accept with Code Institute

gateway qualifications

Chris Deeprose
Email Chris here or call
T: 01206 911242   M: 07920 027 375

Darren Wheat
Email Darren here or call
T: 01206 911241   M: 07920 027 371

Rory Munro
Email Rory here or call
T: 01206 911245   M: 07740 180 022

Michelle Sparkes
Email Michelle here or call
T: 01206 911 243   M: 07920 027 370

John Hamilton
Email John here or call
T: 01206 911 246   M: 07498 903029

Paul Saunders
Email Paul here or call
T: 01206 911204   M: 07734 556008

gateway qualifications

Questions?

g gateway
qualifications

Contact us

🌐 https://www.gatewayqualifications.org.uk/

✉️ enquiries@gatewayqualifications.org.uk

📞 01206 911 211

🐦 GatewayQuals

in Gateway Qualifcaitions

g gateway
qualifications