

The Digital Skills Landscape

1 December 2020



Purpose of session

- To introduce our Digital Ladder that supports progression from entry to level 5
- To introduce you to our newly regulated ICT practitioner qualifications at levels 1, 2 and 3
- To show the different ways the qualifications can be used in study programmes or for adult learners



Digital ladder



Digital ladder

- The digital skills ladder aims to develop learners' digital and IT skills required for the new digital landscape.
- Suitable for learners who:
 - plan to progress to further study or to employment
 - wish to progress to an apprenticeship at L3 or L4
 - pursue a career where digital skills re-skilling or up-skilling is required
- The variety of units covers a range of technologies, systems and software.
- Provides flexibility to match a wide range of job roles in the following sectors:
 - Banking and finance
 - Creative industries
 - Engineering
 - Healthcare
 - Media and internet
 - Retail

Digital Literacy Skills

- Digital Skills for Life E1 - E3
- Digital Skills for Work E1 - L2
- Essential Digital Skills at E3 and Level 1
 - **Now available for 16-19 learners and adults**

All mapped to the National Standards for Essential Digital Skills

Consolidating baseline digital skills

Productivity software tools

- Word processing
- Spreadsheets
- Presentation software

Building on Essential Digital Skills. Sit within Digital and IT qualifications at levels 1 and 2.

Specific digital skills from level 1

Digital skills clusters to support progression to occupations in different sectors requiring specific digital skills

- Software and programming
- Computer and networking support
- Data analysis
- Digital design
- Customer relationship management
- Digital marketing
- Machining and Manufacturing Technology

ICT Practitioner offer at Levels 1 and 2

Key features

- Different sizes e.g. award, certificate, extended certificate, diploma
- Free standing short courses e.g. Cybersecurity, Programming, Website Design
- One mandatory unit – Digital Skills Career Progression
- Optional units in different specialisms e.g. Digital Design, Digital Marketing, IT & Networking Support, Productivity, Software & Programming
- All assessed through portfolio of evidence
- Support spikey profiles

Units available at level 1

| Unit Number | Title | Level | Credit Value | GLH |
|-------------|-----------------------------------|-------|--------------|-----|
| A/618/3623 | Computer-Aided Design | 1 | 3 | 24 |
| R/618/3627 | Computerised Accounting Software | 1 | 3 | 24 |
| Y/618/3631 | Cybersecurity | 1 | 6 | 48 |
| H/618/3633 | Database Software | 1 | 3 | 24 |
| A/618/3640 | Desktop Publishing Software | 1 | 3 | 24 |
| J/618/3642 | Diary Management | 1 | 3 | 24 |
| L/618/3643 | Digital Graphics | 1 | 6 | 48 |
| Y/618/3645 | Digital Skills Career Progression | 1 | 3 | 24 |
| H/618/3647 | Digital Skills Project | 1 | 6 | 48 |
| M/618/3652 | Games Design and Development | 1 | 6 | 48 |
| A/618/3654 | Interactive Media | 1 | 6 | 48 |
| J/618/3656 | Introduction to Networking | 1 | 6 | 48 |
| R/618/3658 | Introduction to Programming | 1 | 6 | 48 |
| L/618/3660 | IT Support Fundamentals | 1 | 6 | 48 |
| Y/618/3662 | Photo Editing Software | 1 | 3 | 24 |
| D/618/3663 | Presentation Software | 1 | 3 | 24 |
| H/618/3664 | Social Media Marketing | 1 | 3 | 24 |
| K/618/3665 | Spreadsheet Software | 1 | 3 | 24 |
| M/618/3666 | Using Digital Technologies | 1 | 3 | 24 |
| T/618/3667 | Virtual Meetings | 1 | 3 | 24 |
| A/618/3668 | Website Design | 1 | 6 | 48 |
| F/618/3669 | Word Processing Software | 1 | 3 | 24 |

Units available at level 2

| Unit Number | Title | Level | Credit Value | GLH |
|-------------|---|-------|--------------|-----|
| T/618/3670 | Computer-Aided Design | 2 | 6 | 48 |
| A/618/3671 | Computerised Accounting Software | 2 | 3 | 24 |
| T/618/3703 | Computer Programming | 2 | 6 | 48 |
| L/618/3674 | Cybersecurity | 2 | 6 | 48 |
| D/618/3677 | Data Management and Analytics | 2 | 3 | 24 |
| H/618/3678 | Database Design and Development | 2 | 6 | 48 |
| K/618/3679 | Desktop Publishing Software | 2 | 3 | 24 |
| D/618/3680 | Digital Graphics | 2 | 6 | 48 |
| H/618/3681 | Digital Skills Career Progression | 2 | 3 | 24 |
| K/618/3682 | Digital Skills Project | 2 | 6 | 48 |
| M/618/3683 | Exploring New and Emerging Digital Technologies | 2 | 3 | 24 |
| T/618/3684 | Games Design and Development | 2 | 6 | 48 |
| A/618/3685 | Games Engines | 2 | 6 | 48 |
| F/618/3686 | Interactive Media | 2 | 6 | 48 |
| J/618/3687 | IT Technical Support | 2 | 6 | 48 |
| L/618/3688 | Mobile App Development | 2 | 6 | 48 |
| R/618/3689 | Network Management | 2 | 6 | 48 |
| J/618/3690 | Networking | 2 | 6 | 48 |
| L/618/3691 | Photo Editing Software | 2 | 3 | 24 |
| R/618/3692 | Presentation Software | 2 | 3 | 24 |
| Y/618/3693 | Project Management Software | 2 | 3 | 24 |
| D/618/3694 | Social Media Marketing | 2 | 3 | 24 |
| H/618/3695 | Spreadsheet Software | 2 | 3 | 24 |
| K/618/3696 | Using Digital Technologies | 2 | 3 | 24 |
| M/618/3697 | Website Design and Development | 2 | 6 | 48 |
| K/618/3701 | Word Processing Software | 2 | 3 | 24 |

L1 Digital and IT Skills

EDSQ

L1 Certificate (15 credits)

Digital Skills Career Development (Core)
Desktop Publishing Software
Presentation Software
Spreadsheet Software
Word Processing Software

L1 Diploma (45 credits)

Digital Skills Career Development (Core)
Computerised Accounting Software
Database Software
Diary Management
Digital Graphics
Digital Skills Project
Using Digital Technologies
Virtual Meetings
Website Design

Further study
Apprenticeship (non-IT and digital)
Employment

L2 Digital and IT Skills

EDSQ
L1 Certificate
L1 Diploma

L2 Certificate (15 credits)

Digital Skills Career Development (Core)
Data Management & Analytics
Digital Graphics
Social Media Marketing

L2 Diploma (45 credits)

Digital Skills Career Development (Core)
Cybersecurity
Database Design & Development
IT Technical Support
Networking
Mobile App Development
Programming
Website Design & Development

Further study
L3 Advanced Apprenticeship
Employment

Assessment

| Type | Set and marked | Format | Tasks demonstrate |
|---|------------------------------------|---|-------------------------------------|
| Portfolio-based assignment | Locally set and assessed by centre | Research-based tasks | Application of knowledge and skills |
| Units can be integrated and assessed holistically | EQA by Gateway Qualifications | Work-related scenarios Practical tasks | Individual or team work |

L2 Award in Digital Development

- Digital skills with a focus, programming, team projects and the software systems associated with these
- Aligned with T Level and L3 Software Development Technician apprenticeship standard
- Project-based portfolio of evidence for TWO assessed units
 - Programming in Python
 - Using digital tools to contribute to team projects
- Graded at Pass/Merit/Distinction
- Digital and team working skills in a realistic context

Level 2 Award in Digital Development

Example projects:



Programming in Python

Number level finder

Password and email checker

List sorter

Progress checker (using colour coding)

Simple graphical user interface



Use digital tools to contribute to team projects

Target monitoring app

<https://repl.it/@BeMoreDigital/ReachYourGoal#README.md>

Data manager (in progress)

New ICT Practitioner Qualifications at Level 3

- Level 3 Certificate in Systems Infrastructure
- Level 3 Diploma in Systems Infrastructure
- Level 3 Certificate in Software Development
- Level 3 Diploma in Software Development
- Level 3 Certificate in Social Media for E-Commerce
- Level 3 Diploma in Social Media for E-Commerce
- Level 3 Certificate in Networking and Cybersecurity
- Level 3 Diploma in Networking and Cybersecurity

New ICT Practitioner Qualifications at Level 3

- Level 3 Certificate in Games Technologies
- Level 3 Diploma in Games Technologies
- Level 3 Certificate in Digital Product Design
- Level 3 Diploma in Digital Product Design
- Level 3 Certificate in Digital Engineering Design
- Level 3 Diploma in Digital Engineering Design
- Level 3 Certificate in Digital Business Solutions
- Level 3 Diploma in Digital Business Solutions

Level 3 Qualifications

Key features

- Funded for 16-19 and for adults through Advanced Learner Loans
- Single mandatory unit
- Assessment through portfolio of evidence
- Opportunity to cluster units together for assessment
- Support progression to employment, further learning or to apprenticeships
- Reflect industry requirements across different sectors and can support upskilling, reskilling

L3 Digital and IT Skills

EDSQ
L2 Certificate
L2 Diploma

L3 Certificate (30 credits)
Project Management (Core)
Cloud Technologies
Ethical Hacking
Networking
System Security & Encryption

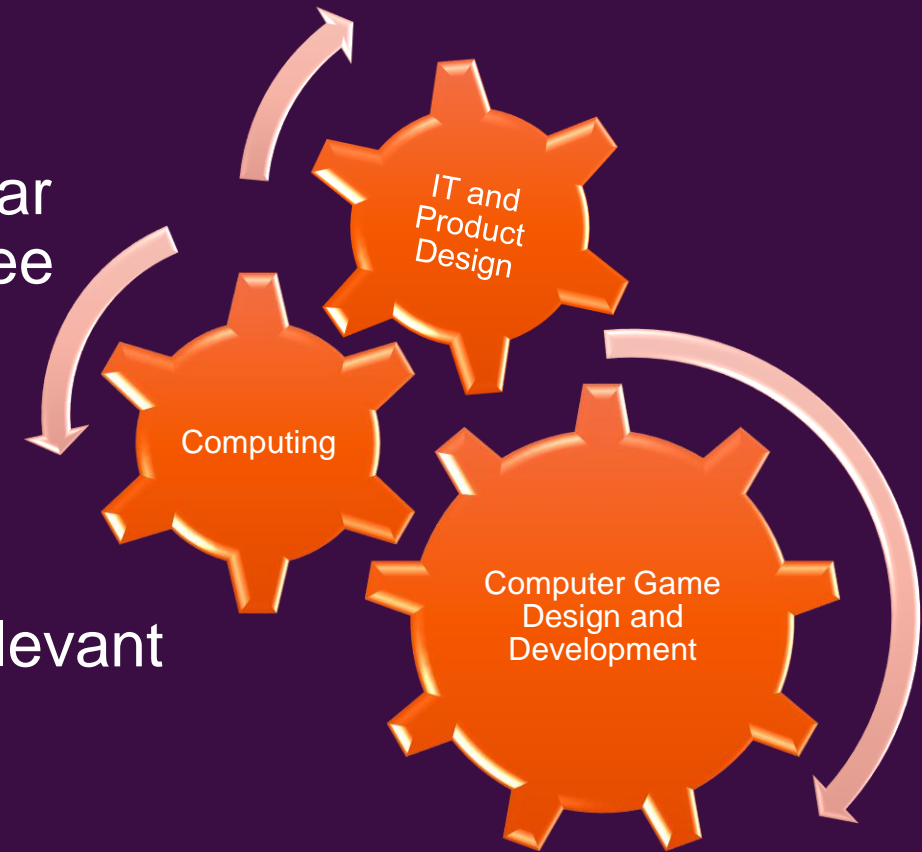
L3 Diploma (42 credits)
Project Management (Core)
JavaScript
Software Testing
Object Oriented Programming
Systems Analysis
Robot Technology
Web Controlled Devices

Further study
L4 Higher Level Apprenticeship
Employment

Level 3 Qualification – Access to HE

Key features

- Learner loans are paid off for the Access to HE year once students complete their undergraduate degree
- Equivalent to 3 A-Levels
- Provides a standalone qualification
- Designed to meet local needs
- Revalidated every 5 years, so is up to date and relevant
- Accrues UCAS points
- Enables entry on to year 1, degree programmes
- Offers a range of assessment methods, rather than end of year exams





L5 Diploma In Web Application Development

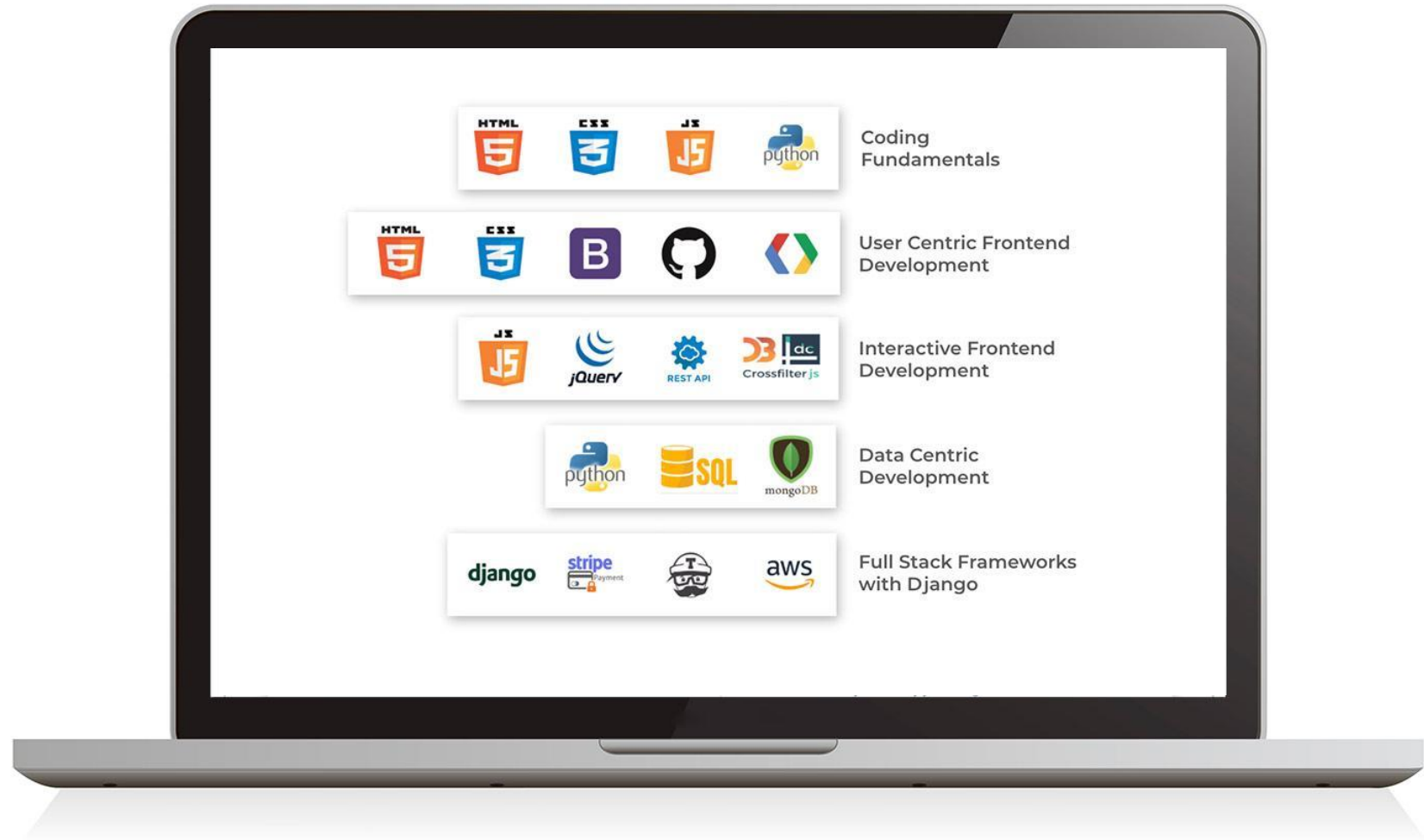
- Based on a successful industry led commercial coding course
- Finance was a barrier for learners
- Regulated qualifications expected in our marketplace
- A total solution for our centres

Code Institute services for our Centres

- Marketing to support learner recruitment
- Coding challenge
- Train the trainer
- Multi-platform LMS with all learning content
- Integrated development environment and host environment as practice hub and assessment environment
- Out of hours remote academic support to learners
- Diagnostics
- And much more...

The LMS content consists of:

- 750 hours of learning content
- 10 Modules
- Suitability Assessment Programme
- 10 Industry-Grade Portfolio Projects
- 500+ Interactive Coding Challenges
- Gamification
- World-Class Online Learning Platform
- Employer Ecosystem
- Community Hackathons
- Train-The-Trainer Materials



Other useful webinars

On Demand

Essential Digital Skills
Support and Resources

with
SERO / The Education and Training Foundation
and Good Things Foundation

On Demand


Introducing our new
Level 5 Diploma in
Web Application Development

with
Paul Saunders, Karen Scott,
and Lee Lindsay from Code Institute

On Demand

Delivering EDSQ within a
broader programme of learning

with
Paul Saunders and
Andy Greaves from New City College




Weekly Webinar

An Introduction to our
Essential Digital Skills Qualifications

Same webinar.
Different dates and times for your convenience.

Upcoming dates:
3rd Dec, 3.30pm
10th Dec, 12.00pm
21st Dec, 2.30pm
13th Jan, 9.30am
29th Jan, 12.00pm



Any Questions?



Contact information



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