



LEVEL 4



Software Developer



MERCIA PARTNERSHIP

Overview

Our Level 4 Diploma in Software Developer programme is designed to equip your employees with the knowledge and skills to build and test top-level code across front end, logic and database layers. Your employees will enable growth and introduce brand new skills to your workforce.

Your Software Developer will cover topics allowing them to support your business needs by identifying and understanding the end user of your software and assisting development to ensure your software is operating effectively and supporting your business decisions. They will learn to: Write good quality code (logic) with sound syntax in at least one language, develop effective user interfaces, test and debug code to analyse results, operate all stages of the software development lifestyle, interpret and follow software designs, company coding standards, testing frameworks and methodologies.

Industry Recognised Qualification

On completion of the programme, your employees will be awarded with a BCS Level 4 Diploma in Software Developer qualification.



Learning and Assessment



This programme will last for 18 months, with your employees attending sessions arranged with their learning coach and yourself. The frequency of these sessions will depend on which modules you and your employee agree to undertake and we will work with you to establish the timetable for your employee's sessions.

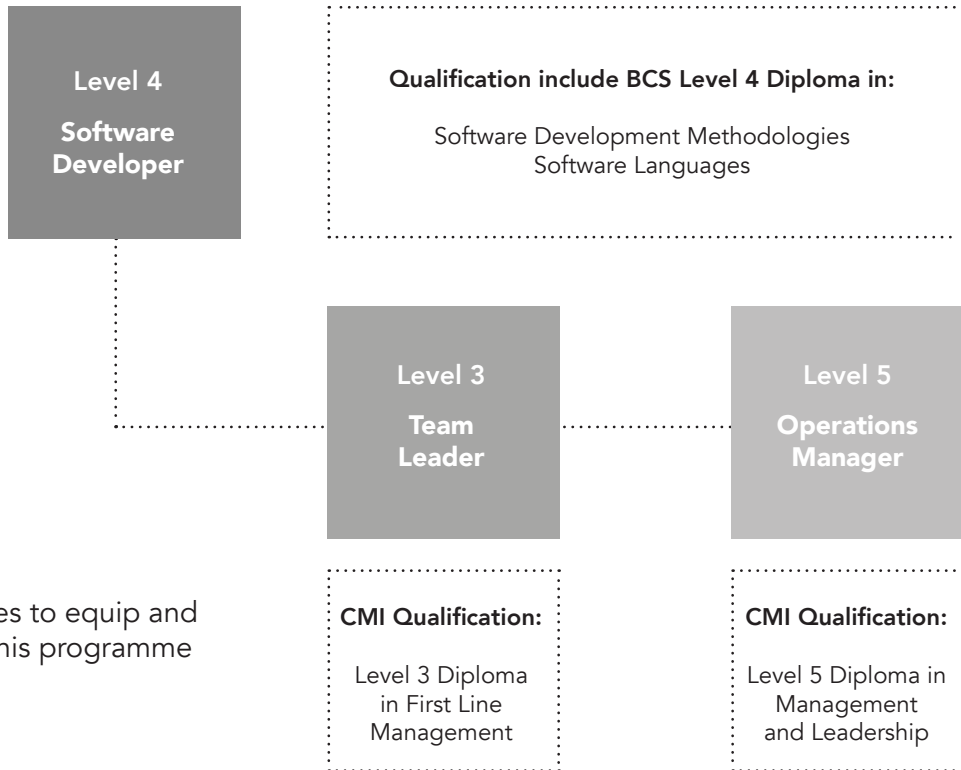
Your employees must submit a portfolio of evidence comprising of workplace tasks, which will relate to evidence gathered throughout the programme.

Entry Requirements

- Must hold 5 GCSEs (graded A* to C or 9 to 4) or equivalent.
- Have Level 2 English and Maths or equivalent or be working towards it.
- Have been a resident in the UK/EEA/EU for the last 3 years.
- Be able to meet the programme modules through their job role.
- Individual employers will set the selection criteria, but this is likely to include; A levels, a level 3 Apprenticeship or other relevant qualification, relevant experience and/or an aptitude test.

Job Roles

Mobile App Developer
Web Developer
Application Developer
Games Developer
Front End Developer
Software Developer



Technology Pathway

Our Pathway to progression means we have designed our programmes to equip and develop your staff with the skills your business needs them to have. This programme will prepare them for the next step in their career.

Module Overview

Our Level 4 Diploma in Software Developer programme will allow your employees to apply the knowledge and on-the-job experience giving them a great knowledge base to kick-start their career in the software sector.

Software Development Methodologies

This is the first knowledge module required for the Level 4 Software Developer programme. Your employee will learn to operate all of the stages of this Software Development life-cycle, understand the difference between agile and waterfall software development methodologies and understand how your team works to successfully develop software.

Programming

This module covers the range of concepts, approaches and techniques that are applicable to Software Development which includes learning about software design and pattern, implementing designs and understanding the correct math needed to successfully develop software.

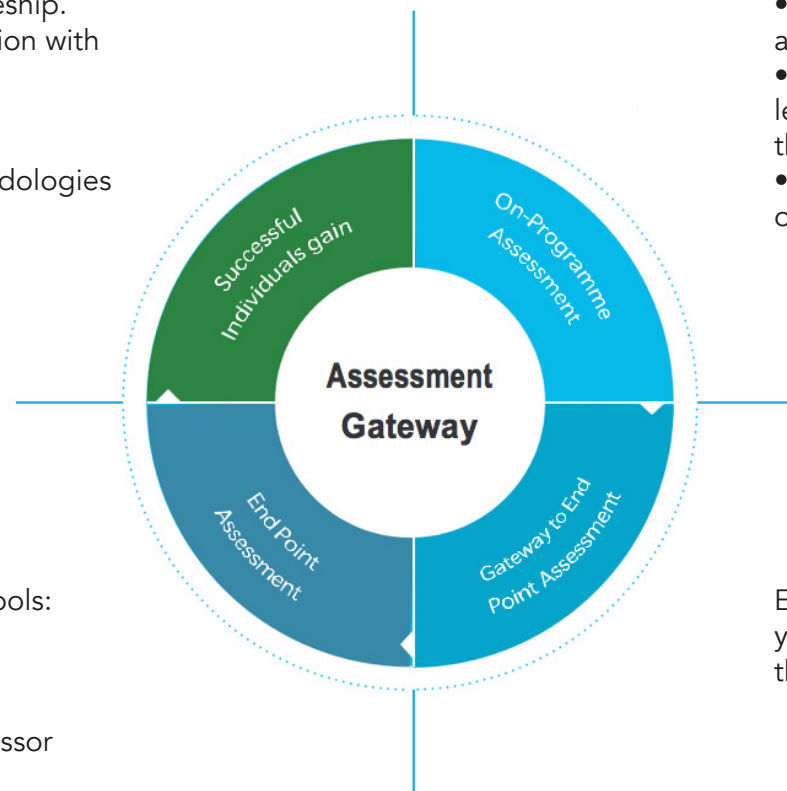


Assessment

This programme is made up of two main types of assessments; on-programme assessment and end point assessment.

The on-programme assessment will involve your employees and ourselves as your training provider. It will involve the development of a portfolio demonstrating learning and development activities with their application in the workplace. The ongoing assessment is through evidence of feedback within the ongoing development of the portfolio.

- An industry designed apprenticeship.
- Option for professional registration with relevant professional body.
- BCS Level 4 Diploma in:
 1. Software Development Methodologies
 2. Software Language

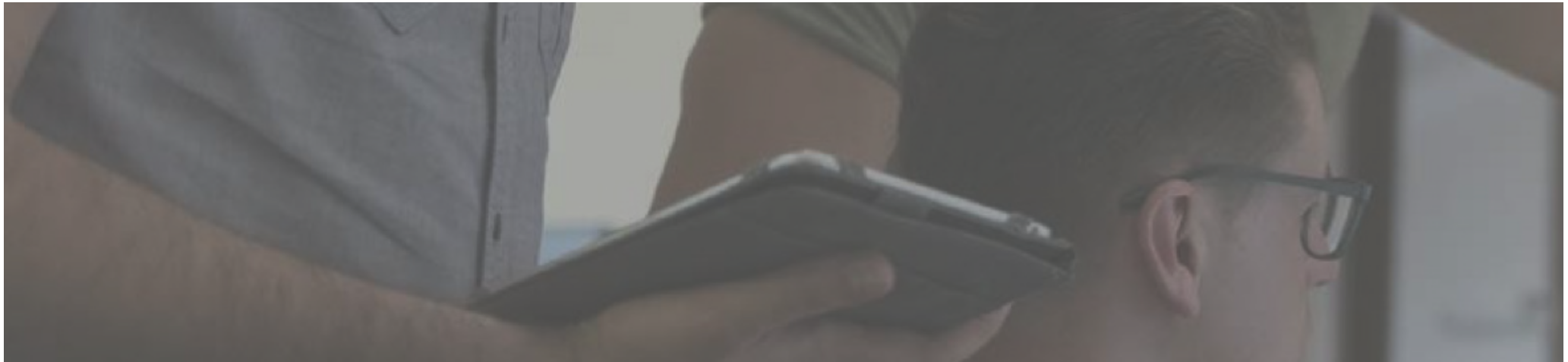


- Regular assessment (involving employer and training provider).
- Development of a portfolio demonstrating learning and development activities with their application in the workplace.
- Through evidence of feedback within the ongoing development portfolio.

Involving a range of assessment tools:

- Synoptic Project
- Employer Reference
- Interview with independent assessor

Employer and Training Provider agree that your employees meets the requirements of the Standard.



20% off-the-job Training

Our programme design facilitates off-the-job learning so we can support you to evidence the 20% off-the-job training requirements stated in the apprenticeship funding rules.

*Please note - These are just some of the examples of 20% off-the-job training, to discuss further please contact us on:

01257 278 131

Activity	Examples of valid off-the-job training
Classroom sessions / Lectures	Block or day release
Workshops and masterclasses	Interactive workshops involving employers
Simulation exercises	Business models
Online learning	On-line training modules and support materials
Shadowing	In work or new departments / locations
Coaching	Support from Line Managers / colleagues
Industry visits	Within sector or outside of the work roles
Writing assessments / assignments workbooks	Short exercises or long project reports
Numeracy and literacy training required to perform the job	English and Maths related to the job role
Preparing for professional discussion	In support of portfolio work or job-related
Gathering evidence for portfolio of evidence	Recording learning and training

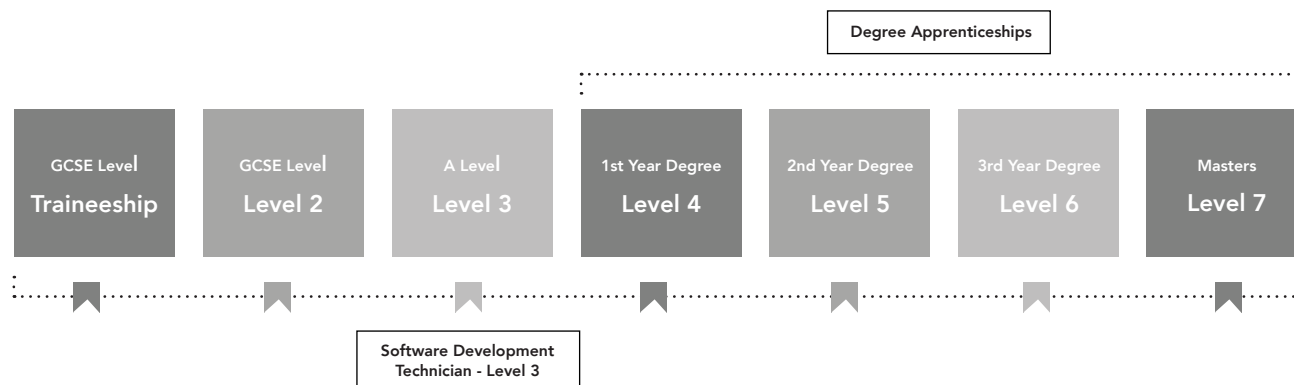


A Career path from Mercia Partnership

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Mercia Partnership Apprenticeship programmes are designed with career pathways, from GCSE level right up to attaining a degree.

We aim to give employees fundamental skills that allow high performers to progress in multiple directions – depending on their career aspirations and development opportunities in your business.





MERCIA PARTNERSHIP



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