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Llywodraeth Cymru
Welsh Government

1205 Welsh Apprenticeship Pathway in Engineering Manufacture

The content of these Programmes have been agreed by ENGINUITY. These are the only apprenticeship Programmes in the Engineering sector approved for use in Wales that are eligible for Welsh Government funding.

More Information can be obtained from:

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Framework Updated 3/1/23

Added the following to all L2 pathways:

EAL Level 2 Certificate in Engineering Operations (Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	603/3194/X C00/2242/0	Not Set	220	Knowledge	English Only

EAL Level 2 Diploma in Engineering Operations (Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	603/3195/1 C00/2242/1	Not Set	420	Knowledge	English Only

Added the following to all L3 pathways:

EAL Level 3 Extended Diploma in Advanced Manufacturing Engineering (Development knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	603/1353/5 C00/2240/9	Not Set	1200	Knowledge	English Only

EAL Level 3 Extended Diploma in Advanced Manufacturing Engineering (Development knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	603/1354/7 C00/2241/0	Not set	1790	Knowledge	English Only

Below qualification added 06/02/2024 to Level 3 Engineering Technical Support pathway

BTEC Level 3 National Diploma in Electrical and Electronic Engineering

Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
BTEC	601/7579/5 (C00/0783/1)	Not Set	N/A	Knowledge	English Only

LEARNING PROGRAMME CONTENT

The Learning Programme provision shall comprise of three mandatory elements:

- Qualifications,
- Essential Skills
- On/off the job training

The total minimum credit value required for the:

Level 2: Aerospace is 77 credits

Level 2: Mechanical Manufacturing Engineering is 84 credits.

Level 2: Engineering Maintenance and Installation is 83 credits.

Level 2: Fabrication and Welding is 67 credits.

Level 2: Materials Processing and Finishing is 68 credits.

Level 2: Engineering Technical Support is 81 credits.

The total minimum credit value required for the:

Level 3: Aerospace is 173 credits.

Level 3: Marine (Ship building, maintenance and repair) is 162 credits.

Level 3: Mechanical Manufacturing Engineering is 126 credits

Level 3: Marine (Yacht and Boat building, maintenance and repair) is 162 credits.

Level 3: Engineering Maintenance is 214 credits.

Level 3: Fabrication and Welding is 168 credits.

Level 3: Materials processing and finishing is 142 credits.

Level 3: Engineering Technical Support is 170 credits.

Level 3: Electrical and Electronic Engineering is 137 credits.

Level 3: Installation and Commissioning is 196 credits.

Level 3: Engineering Toolmaking is 152 credits.

Level 3: Automotive is 120 credits.

Level 3: Engineering Woodworking, Pattern and Model making is 153 credits.

Level 3: Engineering Leadership is 148 credits.

ENTRY REQUIREMENTS

Level 2: Aerospace/Mechanical Manufacturing Engineering/Engineering Maintenance and Installation/Fabrication and Welding/Materials Processing and Finishing/Engineering Technical Support.

Employers wish to attract applicants who have an interest in working in an engineering manufacture environment and welcome applicants from a diverse range of backgrounds and anticipate that they will have a wide range of experience, achievements and qualifications.

As a guide, the Level 2 Apprenticeship is suitable for applicants who have five GCSEs grades D to E (new equivalent grades 3 to 2) in English, Maths and Science.

Employers would be interested in applicants who:

- have previous work experience or
- employment in the sector or
- are keen and motivated to work in an engineering/manufacturing environment or
- are willing to undertake a course of training both on-the-job and off-the-job and apply this learning in the workplace or
- have a Welsh Baccalaureate or

- have GCSEs in English, Maths and Science (grade D to E or higher/new equivalent grade 2 or higher) or
- have completed an Enhanced Engineering Programme (formerly Pathways to Apprenticeship programme) in a relevant discipline or are practically minded and want to work with their hands or
- without formal qualifications can show, possibly through a portfolio, that they have the potential to complete this apprenticeship, through having previously worked in the sector at Level 2 or
- have completed the Essential Skills Qualifications (ESQ) or
- have completed tests in basic numeracy, literacy and communication skills and have spatial awareness.

Prior experience in the sector

Applicants that are already working in the sector or have recently worked in the sector at the appropriate level can apply to have their experience formally recognised by an Awarding Organisation and this could count towards the qualification(s) in this programme.

Additional Learning Needs

ENGINUITY as the certifying authority are willing to accept a lower level of essential skills achievement on completion of all other elements of the apprenticeships for learners who can evidence disability. This would include either a previously issued statement of Special Educational Needs (SEN) or an Education, Health Care Plan (EHC).

It is expected that these learners would benefit from additional support through Individual Development Plans or Learning and Skills Plans developed and agreed with the employer and provider. The employer and provider must reasonably expect that the apprentice will be able to successfully achieve all other aspects of the apprenticeship requirements to become occupationally competent.

Evidence of SEN statements or EHC plans will need to be submitted when applications for completion certificates are made.

Level 3: Aerospace/Marine (Ship building, maintenance and repair)/Mechanical Manufacturing Engineering /Marine (Yacht and Boat building, maintenance and repair)/Engineering Maintenance/Fabrication and Welding/Materials processing and finishing/Engineering Technical Support/Electrical and Electronic Engineering/ Installation and Commissioning/Engineering Toolmaking /Automotive/ Engineering Woodworking/ Pattern and Model making/Engineering Leadership.

The Level 3 pathway offers a broad range of activities across fourteen programmes. Employers would welcome applicants from a wide and diverse background and wish to attract applicants who have an interest to work in a manufacturing or engineering environment.

As a guide, the Level 3 Apprenticeship is suitable for applicants who have five GCSEs grade C (new equivalent grade 4) or above including Maths, English, and a Science.

Employers would be interested in applicants who:

- have completed a Foundation Apprenticeship at Level 2 in the relevant engineering/ manufacturing occupational discipline or
- have GCSEs in English, Maths and a Science - grade C (new equivalent grade 4) or above or
- have a Welsh Baccalaureate or

- without formal qualifications can show, possibly through a portfolio, that they have the potential to complete this apprenticeship, through having previously worked in the sector at Level 3 or
- are willing to undertake a course of training both on-the-job and off-the-job and apply this learning in the workplace or
- have relevant previous work experience or
- employment in the sector or
- have completed the Essential Skills Qualifications (ESQ) or
- have the ability to follow instructions and diagrams
- have literacy and numeracy to work with data are good team worker, who can also work under own initiative
- are keen and motivated to work in an engineering or manufacturing environment

Prior experience in the sector

Applicants that are already working in the sector or have recently worked, should be able to have their experience formally recognised by an Awarding Organisation and this could count towards the qualification(s) in this programme.

Additional Learning Needs

ENGINUITY as the certifying authority are willing to accept a lower level of essential skills achievement on completion of all other elements of the apprenticeships for learners who can evidence disability. This would include either a previously issued statement of Special Educational Needs (SEN) or an Education, Health Care Plan (EHC).

It is expected that these learners would benefit from additional support through Individual Development Plans or Learning and Skills Plans developed and agreed with the employer and provider. The employer and provider must reasonably expect that the apprentice will be able to successfully achieve all other aspects of the apprenticeship requirements to become occupationally competent.

Evidence of SEN statements or EHC plans will need to be submitted when applications for completion certificates are made.

APPRENTICESHIP PATHWAY LEARNING PROGRAMME(S)

Level 2: Aerospace

Qualifications

Participants must achieve one of the following competence and knowledge qualifications below.

Level 2 NVQ Diploma in Aeronautical Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/1000/3	47	470	Competence	English Only

City & Guilds Level 2 Diploma in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
City & Guilds	C00/0338/2	42	420	Knowledge	English Only

Level 2 Diploma in Aircraft Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
City & Guilds	C00/0400/4	40	400	Knowledge	English Only

EAL Level 2 Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0718/1	39	390	Knowledge	English Only

Diploma in Engineering Operations (Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/4095/6	39	525	Knowledge	English Only

Certificate in Engineering Operations (Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/4445/7	30	301	Knowledge	English Only

EAL Level 2 Certificate in Engineering Operations (Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	603/3194/X C00/2242/0	Not Set	220	Knowledge	English Only

EAL Level 2 Diploma in Engineering Operations (Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	603/3195/1 C00/2242/1	Not Set	420	Knowledge	English Only

Essential Skills Wales (ESW)

Essential Skills Wales qualifications assessment languages are English-Welsh

Level 2: Mechanical Manufacturing Engineering	Level	Minimum Credit Value
Communication	1	6
Application of Number	1	6
Digital Literacy	1	6

On/Off the Job Training

Programme	Minimum On the Job Training Hours	Minimum Off the Job Training Hours
Level 2: Mechanical Manufacturing Engineering	215	456

On/Off the Job Qualification details (Minimum Credit & Hours)

77 credits for competence and knowledge.

The total amount of learning hours which includes both on and off-the-job training for the Aerospace Foundation Apprenticeship is 671.

Competence: 215

Knowledge: 210

ESW: 180 (3 x 60)

Mentoring: 66 (66 x 1 hour per week)

Programme duration approximately 18 months depending on the qualification and unit options selected.

On/Off the Job Essential Skills details (Minimum Credit & Hours)

- 6 credits / 60 GLH Level 1 Essential Skills Wales Communication
- 6 credits / 60 GLH Level 1 Essential Skills Wales Application of Number
- 6 credits / 60 GLH Level 1 Essential Skills Wales Digital Literacy

Level 2: Mechanical Manufacturing Engineering

Qualifications

Participants must achieve one of the following competence and knowledge qualifications below.

Level 2 NVQ Diploma in Mechanical Manufacturing Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0201/6	54	540	Competence	English Only

City & Guilds Level 2 Diploma in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
City & Guilds	C00/0338/2	42	420	Knowledge	English Only

EAL Level 2 Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0718/1	39	390	Knowledge	English Only

Diploma in Engineering Operations (Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/4095/6	39	525	Knowledge	English Only

Certificate in Engineering Operations (Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/4445/7	30	301	Knowledge	English Only

EAL Level 2 Certificate in Engineering Operations (Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	603/3194/X C00/2242/0	Not Set	220	Knowledge	English Only

EAL Level 2 Diploma in Engineering Operations (Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	603/3195/1 C00/2242/1	Not Set	420	Knowledge	English Only

Essential Skills Wales (ESW)

Essential Skills Wales qualifications assessment languages are English-Welsh

Level 2: Mechanical Manufacturing Engineering	Level	Minimum Credit Value
Communication	1	6
Application of Number	1	6
Digital Literacy	1	6

On/Off the Job Training

Programme	Minimum On the Job Training Hours	Minimum Off the Job Training Hours
Level 2: Mechanical Manufacturing Engineering	215	456

On/Off the Job Qualification details (Minimum Credit & Hours)

84 credits for competence and knowledge.

The total amount of learning hours which includes both on and off-the-job training for the Mechanical Manufacturing Engineering Foundation Apprenticeship is 671.

Competence: 215

Knowledge: 210

ESW: 180 (3 x 60)

Mentoring: 66 (66 x 1 hour per week)

Programme duration approximately 18 months depending on the qualification and unit options selected.

On/Off the Job Essential Skills details (Minimum Credit & Hours)

- 6 credits / 60 GLH Level 1 Essential Skills Wales Communication
- 6 credits / 60 GLH Level 1 Essential Skills Wales Application of Number
- 6 credits / 60 GLH Level 1 Essential Skills Wales Digital Literacy

Level 2: Engineering Maintenance and Installation

Qualifications

Participants must achieve one of the following competence and knowledge qualifications below.

Level 2 NVQ Diploma in Engineering Maintenance and installation					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0219/3	63	630	Competence	English Only
City & Guilds	C00/0985/4	63	630	Competence	English Only

City & Guilds Level 2 Diploma in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
City & Guilds	C00/0338/2	42	420	Knowledge	English Only

EAL Level 2 Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0718/1	39	390	Knowledge	English Only

Diploma in Engineering Operations (Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/4095/6	39	525	Knowledge	English Only

Certificate in Engineering Operations (Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/4445/7	30	301	Knowledge	English Only

City & Guilds Level 2 Certificate in Cycle Mechanics					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
City & Guilds	C00/0317/6	20	200	Knowledge	English Only

EAL Level 2 Intermediate Diploma in Electrical Installation					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/2237/6	50	491	Knowledge	English Only

EAL Level 2 Certificate in Engineering Operations (Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	603/3194/X C00/2242/0	Not Set	220	Knowledge	English Only

EAL Level 2 Diploma in Engineering Operations (Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	603/3195/1 C00/2242/1	Not Set	420	Knowledge	English Only

Essential Skills Wales (ESW)

Essential Skills Wales qualifications assessment languages are English-Welsh

Level 2: Engineering Maintenance and Installation	Level	Minimum Credit Value
Communication	1	6
Application of Number	1	6
Digital Literacy	1	6

On/Off the Job Training

Programme	Minimum On the Job Training Hours	Minimum Off the Job Training Hours
Level 2: Engineering Maintenance and Installation	239	349

On/Off the Job Qualification details (Minimum Credit & Hours)

83 credits for competence and knowledge.

The total amount of learning hours which includes both on and off-the-job training for the Engineering Maintenance and Installation Foundation Apprenticeship is 588.

Competence: 239

Knowledge: 103

ESW: 180 (3 x 60)

Mentoring: 66 (66 x 1 hour per week)

Programme duration approximately 18 months depending on the qualification and unit options selected.

On/Off the Job Essential Skills details (Minimum Credit & Hours)

- 6 credits / 60 GLH Level 1 Essential Skills Wales Communication
- 6 credits / 60 GLH Level 1 Essential Skills Wales Application of Number
- 6 credits / 60 GLH Level 1 Essential Skills Wales Digital Literacy

Level 2: Fabrication and Welding

Qualifications

Participants must achieve one of the following competence and knowledge qualifications below.

Level 2 NVQ Diploma in Fabrication and Welding Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0549/5	47	470	Competence	English Only
City & Guilds	C00/0590/8	47	470	Competence	English Only

EAL Level 2 Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0718/1	39	390	Knowledge	English Only

City & Guilds Level 2 Diploma in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
City & Guilds	C00/0338/2	42	420	Knowledge	English Only

Diploma in Engineering Operations (Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/4095/6	39	525	Knowledge	English Only

Certificate in Engineering Operations (Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/4445/7	30	301	Knowledge	English Only

SEG Awards Level 2 Certificate in Fabrication and Welding Techniques and Skills					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
SEG Awards	C00/4159/1	29	290	Knowledge	English Only

SEG Awards Level 2 Certificate in Welding Techniques and Skills					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
SEG Awards	C00/4159/4	29	290	Knowledge	English Only

EAL Level 2 Certificate in Engineering Operations (Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	603/3194/X C00/2242/0	Not Set	220	Knowledge	English Only

EAL Level 2 Diploma in Engineering Operations (Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	603/3195/1 C00/2242/1	Not Set	420	Knowledge	English Only

Essential Skills Wales (ESW)

Essential Skills Wales qualifications assessment languages are English-Welsh

Level 2: Fabrication and Welding	Level	Minimum Credit Value
Communication	1	6
Application of Number	1	6
Digital Literacy	1	6

On/Off the Job Training

Programme	Minimum On the Job Training Hours	Minimum Off the Job Training Hours
Level 2: Fabrication and Welding	239	456

On/Off the Job Qualification details (Minimum Credit & Hours)

67 credits for competence and knowledge.

The total amount of learning hours which includes both on and off-the-job training for the Fabrication and Welding Foundation Apprenticeship is 695.

Competence: 239

Knowledge: 210

ESW: 180 (3 x 60)

Mentoring: 66 (66 x 1 hour per week)

Programme duration approximately 18 months depending on the qualification and unit options selected.

On/Off the Job Essential Skills details (Minimum Credit & Hours)

- 6 credits / 60 GLH Level 1 Essential Skills Wales Communication
- 6 credits / 60 GLH Level 1 Essential Skills Wales Application of Number
- 6 credits / 60 GLH Level 1 Essential Skills Wales Digital Literacy

Level 2: Materials Processing and Finishing

Qualifications

Participants must achieve one of the following competence and knowledge qualifications below.

Level 2 NVQ Diploma in Materials Processing and Finishing					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0554/5	38	380	Competence	English Only

City & Guilds Level 2 Diploma in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
City & Guilds	C00/0338/2	42	420	Knowledge	English Only

EAL Level 2 Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0718/1	39	390	Knowledge	English Only

Diploma in Engineering Operations (Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/4095/6	39	525	Knowledge	English Only

Certificate in Engineering Operations (Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/4445/7	30	301	Knowledge	English Only

EAL Level 2 Certificate in Engineering Operations (Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	603/3194/X C00/2242/0	Not Set	220	Knowledge	English Only

EAL Level 2 Diploma in Engineering Operations (Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	603/3195/1 C00/2242/1	Not Set	420	Knowledge	English Only

Essential Skills Wales (ESW)

Essential Skills Wales qualifications assessment languages are English-Welsh

Level 2: Materials Processing and Finishing	Level	Minimum Credit Value
Communication	1	6
Application of Number	1	6
Digital Literacy	1	6

On/Off the Job Training

Programme	Minimum On the Job Training Hours	Minimum Off the Job Training Hours
Level 2: Materials Processing and Finishing	215	456

On/Off the Job Qualification details (Minimum Credit & Hours)

68 credits for competence and knowledge.

The total amount of learning hours which includes both on and off-the-job training for the Materials Processing and Finishing Foundation Apprenticeship is 671.

Competence: 215

Knowledge: 210

ESW: 180 (3 x 60)

Mentoring: 66 (66 x 1 hour per week)

Programme duration approximately 18 months depending on the qualification and unit options selected.

On/Off the Job Essential Skills details (Minimum Credit & Hours)

- 6 credits / 60 GLH Level 1 Essential Skills Wales Communication
- 6 credits / 60 GLH Level 1 Essential Skills Wales Application of Number
- 6 credits / 60 GLH Level 1 Essential Skills Wales Digital Literacy

Level 2: Engineering Technical Support

Qualifications

Participants must achieve one of the following competence and knowledge qualifications below.

Level 2 NVQ Diploma in Engineering Technical Support					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0022/1	54	540	Competence	English Only

City & Guilds Level 2 Diploma in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
City & Guilds	C00/0338/2	42	420	Knowledge	English Only

EAL Level 2 Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0718/1	39	390	Knowledge	English Only

Diploma in Engineering Operations (Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/4095/6	39	525	Knowledge	English Only

Certificate in Engineering Operations (Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/4445/7	30	301	Knowledge	English Only

EAL Level 2 Certificate in Engineering Operations (Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	603/3194/X C00/2242/0	Not Set	220	Knowledge	English Only

EAL Level 2 Diploma in Engineering Operations (Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	603/3195/1 C00/2242/1	Not Set	420	Knowledge	English Only

Essential Skills Wales (ESW)

Essential Skills Wales qualifications assessment languages are English-Welsh

Level 2: Engineering Technical Support	Level	Minimum Credit Value
Communication	1	6
Application of Number	1	6
Digital Literacy	1	6

On/Off the Job Training

Programme	Minimum On the Job Training Hours	Minimum Off the Job Training Hours
Level 2: Engineering Technical Support	215	456

On/Off the Job Qualification details (Minimum Credit & Hours)

81 credits for the combined competence and knowledge.

The total amount of learning hours which includes both on and off-the-job training for the Engineering Technical Support Foundation Apprenticeship is 671.

Competence: 215

Knowledge: 210

ESW: 180 (3 x 60)

Mentoring: 66 (66 x 1 hour per week)

Programme duration approximately 18 months depending on the qualification and unit options selected.

On/Off the Job Essential Skills details (Minimum Credit & Hours)

- 6 credits / 60 GLH Level 1 Essential Skills Wales Communication
- 6 credits / 60 GLH Level 1 Essential Skills Wales Application of Number
- 6 credits / 60 GLH Level 1 Essential Skills Wales Digital Literacy

Level 3: Aerospace

Qualifications

Participants must achieve one of the following competence and knowledge qualifications below.

Level 3 NVQ Extended Diploma in Aeronautical Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0357/4	165	1650	Competence	English Only
City & Guilds	C00/0571/6	165	1650	Competence	English Only

Level 3 NVQ Diploma in Aeronautical Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0322/0	138	1380	Competence	English Only

IMI Level 3 Diploma in Vehicle Accident Repair Paint Principles					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
IMI	C00/0273/4	83	830	Knowledge	English Only

City & Guilds Level 3 Diploma for On-Aircraft Maintenance – Category A					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
City & Guilds	C00/0358/0	72	720	Knowledge	English Only

City & Guilds Level 3 Diploma in Aircraft Maintenance (Civil Aircraft Electrical and Avionics)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
City & Guilds	C00/0358/6	80	730	Knowledge	English Only

City & Guilds Level 3 Diploma in Aircraft Maintenance (Military Aircraft Mechanical)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
City & Guilds	C00/0358/5	79	790	Knowledge	English Only

City & Guilds Level 3 Diploma in Aircraft Maintenance (Military Aircraft Weapons Maintenance)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)

City & Guilds	C00/0358/8	80	800	Knowledge	English Only
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City & Guilds Level 3 Diploma in Aircraft Maintenance (Military Aircraft Electrical and Avionics)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
City & Guilds	C00/0358/7	72	720	Knowledge	English Only

EAL Level 3 Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0717/8	68	680	Knowledge	English Only

EAL Level 3 Subsidiary Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0718/3	48	480	Knowledge	English Only

EAL Level 3 Extended Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0717/9	98	980	Knowledge	English Only

Pearson BTEC Level 3 National Diploma in Aeronautical Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/0	120	990	Knowledge	English Only

Pearson BTEC Level 3 National Extended Certificate in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0775/5	47	465	Knowledge	English Only

Pearson BTEC Level 3 National Foundation Diploma in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0775/6	90	740	Knowledge	English Only

Pearson BTEC Level 3 National Diploma in Engineering					
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Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/2	120	975	Knowledge	English Only

Pearson BTEC Level 3 National Diploma in Electrical and Electronic Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/1	120	980	Knowledge	English Only

Pearson BTEC Level 3 National Diploma in Mechanical Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/4	120	985	Knowledge	English Only

Pearson BTEC Level 3 National Diploma in Manufacturing Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/3	120	980	Knowledge	English Only

Pearson BTEC Level 3 National Extended Diploma in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/7	180	1475	Knowledge	English Only

Pearson BTEC Level 3 Extended Diploma in Electrical/ Electronic Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/6	180	1485	Knowledge	English Only

Pearson BTEC Level 3 National Extended Diploma in Aeronautical Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/5	180	1495	Knowledge	English Only

Pearson BTEC Level 4 Higher National Certificate in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/1163/6	120	1200	Knowledge	English-Welsh

Technical Extended Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/1171/3	148	14800	Knowledge	English Only

Pearson BTEC Level 4 Higher National Certificate in Aeronautical Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/1164/5	120	1200	Knowledge	English Only

BTEC Level 3 Certificate in Advanced Manufacturing Engineering (Development Technical Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/3	120	736	Knowledge	English Only

BTEC Level 3 Diploma in Advanced Manufacturing Engineering (Development Technical Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/6	120	982	Knowledge	English Only

BTEC Level 3 Extended Diploma in Advanced Manufacturing Engineering (Development Technical Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/8	120	1476	Knowledge	English-Welsh

BTEC Level 3 Award in Advanced Manufacturing Engineering (Development Technical Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/5	120	492	Knowledge	English Only

EAL Level 3 Diploma in Advanced Manufacturing Engineering (Development knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	603/1353/5 C00/2240/9	Not Set	1200	Knowledge	English Only

EAL Level 3 Extended Diploma in Advanced Manufacturing Engineering (Development knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	603/1354/7 C00/2241/0	Not set	1790	Knowledge	English Only

Essential Skills Wales (ESW)

Essential Skills Wales qualifications assessment languages are English-Welsh

Level 3: Aerospace	Level	Minimum Credit Value
Communication	2	6
Application of Number	2	6
Digital Literacy	2	6

On/Off the Job Training

Programme	Minimum On the Job Training Hours	Minimum Off the Job Training Hours
Level 3: Aerospace	318	694

On/Off the Job Qualification details (Minimum Credit & Hours)

173 credits for competence and knowledge.

The total amount of learning hours which includes both on and off-the-job training for the Aerospace Apprenticeship is 1012.

Competence: 318

Knowledge: 360

ESW: 180 (3 x 60)

Mentoring: 154 (154 x 1 hour per week)

Programme duration approximately 42 months depending on the qualification and unit options selected.

On/Off the Job Essential Skills details (Minimum Credit & Hours)

- 6 credits / 60 GLH Level 2 Essential Skills Wales Communication
- 6 credits / 60 GLH Level 2 Essential Skills Wales Application of Number
- 6 credits / 60 GLH Level 2 Essential Skills Wales Digital Literacy

Level 3: Marine (Ship building, maintenance and repair)

Qualifications

Participants must achieve one of the following competence and knowledge qualifications below.

Level 3 NVQ Diploma in Marine Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0335/4	115	1150	Competence	English Only

City & Guilds Level 3 Diploma in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
City & Guilds	C00/0338/4	54	540	Knowledge	English Only

EAL Level 3 Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0717/8	68	680	Knowledge	English Only

EAL Level 3 Subsidiary Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0718/3	48	480	Knowledge	English Only

EAL Level 3 Extended Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0717/9	98	980	Knowledge	English Only

Pearson BTEC Level 3 National Extended Certificate in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0775/5	47	465	Knowledge	English Only

Pearson BTEC Level 3 National Foundation Diploma in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0775/6	90	740	Knowledge	English Only

Pearson BTEC Level 3 National Diploma in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/2	120	975	Knowledge	English Only

Pearson BTEC Level 3 National Diploma in Electrical and Electronic Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/1	120	980	Knowledge	English Only

Pearson BTEC Level 3 National Diploma in Mechanical Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/4	120	985	Knowledge	English Only

Pearson BTEC Level 4 Higher National Certificate in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/1163/6	120	1200	Knowledge	English-Welsh

Technical Extended Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/1171/3	148	14800	Knowledge	English Only

BTEC Level 3 Certificate in Advanced Manufacturing Engineering (Development Technical Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/3	120	736	Knowledge	English Only

BTEC Level 3 Diploma in Advanced Manufacturing Engineering (Development Technical Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/6	120	982	Knowledge	English Only

BTEC Level 3 Extended Diploma in Advanced Manufacturing Engineering (Development Technical Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/8	120	1476	Knowledge	English-Welsh

BTEC Level 3 Award in Advanced Manufacturing Engineering (Development Technical Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/5	120	492	Knowledge	English Only

EAL Level 3 Diploma in Advanced Manufacturing Engineering (Development knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	603/1353/5 C00/2240/9	Not Set	1200	Knowledge	English Only

EAL Level 3 Extended Diploma in Advanced Manufacturing Engineering (Development knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	603/1354/7 C00/2241/0	Not set	1790	Knowledge	English Only

Essential Skills Wales (ESW)

Essential Skills Wales qualifications assessment languages are English-Welsh

Level 3: Marine (Ship building, maintenance and repair)	Level	Minimum Credit Value
Communication	2	6
Application of Number	2	6
Digital Literacy	2	6

On/Off the Job Training

Programme	Minimum On the Job Training Hours	Minimum Off the Job Training Hours
Level 3: Marine (Ship building, maintenance and repair)	445	694

On/Off the Job Qualification details (Minimum Credit & Hours)

162 credits for competence and knowledge.

The total amount of learning hours which includes both on and off-the-job training for the Marine (Ship building, maintenance and repair) Apprenticeship is 1139.

Competence: 445

Knowledge: 360

ESW: 180 (3 x 60)

Mentoring: 154 (154 x 1 hour per week)

Programme duration approximately 42 months depending on the qualification and unit options selected.

On/Off the Job Essential Skills details (Minimum Credit & Hours)

- 6 credits / 60 GLH Level 2 Essential Skills Wales Communication
- 6 credits / 60 GLH Level 2 Essential Skills Wales Application of Number
- 6 credits / 60 GLH Level 2 Essential Skills Wales Digital Literacy

Level 3: Mechanical Manufacturing Engineering

Qualifications

Participants must achieve one of the following *competence and knowledge* qualifications below.

Level 3 NVQ Diploma in Mechanical Manufacturing Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0201/7	79	790	Competence	English Only

Level 3 NVQ Extended Diploma in Mechanical Manufacturing Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
City & Guilds	C00/0590/5	106	1060	Competence	English Only
EAL	C00/0350/3	106	1060	Competence	English Only

City & Guilds Level 3 Diploma in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
City & Guilds	C00/0338/4	54	540	Knowledge	English Only

EAL Level 3 Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0717/8	68	680	Knowledge	English Only

EAL Level 3 Subsidiary Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0718/3	48	480	Knowledge	English Only

EAL Level 3 Extended Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0717/9	98	980	Knowledge	English Only

Pearson BTEC Level 3 National Extended Certificate in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)

Pearson	C00/0775/5	47	465	Knowledge	English Only
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Pearson BTEC Level 3 National Foundation Diploma in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0775/6	90	740	Knowledge	English Only

Pearson BTEC Level 3 National Diploma in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/2	120	975	Knowledge	English Only

Pearson BTEC Level 3 National Diploma in Mechanical Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/4	120	985	Knowledge	English Only

Pearson BTEC Level 3 National Diploma in Manufacturing Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/3	120	980	Knowledge	English Only

Pearson BTEC Level 3 National Diploma in Aeronautical Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/0	120	990	Knowledge	English Only

Pearson BTEC Level 3 National Extended Diploma in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/7	180	1475	Knowledge	English Only

BTEC Level 3 National Extended Diploma in Mechanical Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/9	180	1485	Knowledge	English Only

Pearson BTEC Level 3 National Extended Diploma in Manufacturing Engineering					
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Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/8	180	1475	Knowledge	English Only

Pearson BTEC Level 4 Higher National Certificate in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/1163/6	120	1200	Knowledge	English-Welsh

Technical Extended Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/1171/3	148	14800	Knowledge	English Only

Pearson BTEC Level 4 Higher National Certificate in Aeronautical Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/1164/5	120	1200	Knowledge	English Only

University Certificate in Mechatronics					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
University of South Wales	N/A	N/A	N/A	Knowledge	English Only

HNC Mechanical Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
University of South Wales	N/A	N/A	N/A	Knowledge	English Only

BTEC Level 3 Certificate in Advanced Manufacturing Engineering (Development Technical Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/3	120	736	Knowledge	English Only

BTEC Level 3 Diploma in Advanced Manufacturing Engineering (Development Technical Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/6	120	982	Knowledge	English Only

BTEC Level 3 Extended Diploma in Advanced Manufacturing Engineering (Development Technical Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/8	120	1476	Knowledge	English-Welsh

BTEC Level 3 Award in Advanced Manufacturing Engineering (Development Technical Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/5	120	492	Knowledge	English Only

City & Guilds Level 3 Advanced Technical Extended Diploma in Mechanical Manufacturing Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
City & Guilds	C00/0670/6	120	1200	Knowledge	English Only

EAL Level 3 Diploma in Advanced Manufacturing Engineering (Development knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	603/1353/5 C00/2240/9	Not Set	1200	Knowledge	English Only

EAL Level 3 Extended Diploma in Advanced Manufacturing Engineering (Development knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	603/1354/7 C00/2241/0	Not set	1790	Knowledge	English Only

Essential Skills Wales (ESW)

Essential Skills Wales qualifications assessment languages are English-Welsh

Level 3: Mechanical Manufacturing Engineering	Level	Minimum Credit Value
Communication	2	6
Application of Number	2	6
Digital Literacy	2	6

On/Off the Job Training

Programme	Minimum On the Job Training Hours	Minimum Off the Job Training Hours
Level 3: Mechanical Manufacturing Engineering	316	694

On/Off the Job Qualification details (Minimum Credit & Hours)

126 credits for competence and knowledge.

The total amount of learning hours which includes both on and off-the-job training for the Mechanical Manufacturing Engineering Apprenticeship is 1010.

Competence: 316

Knowledge: 360

ESW: 180 (3 x 60)

Mentoring: 154 (154 x 1 hour per week)

Programme duration approximately 42 months depending on the qualification and unit options selected.

On/Off the Job Essential Skills details (Minimum Credit & Hours)

- 6 credits / 60 GLH Level 2 Essential Skills Wales Communication
- 6 credits / 60 GLH Level 2 Essential Skills Wales Application of Number
- 6 credits / 60 GLH Level 2 Essential Skills Wales Digital Literacy

Level 3: Marine (Yacht and Boat building, maintenance and repair)

Qualifications

Participants must achieve one of the following competence and knowledge qualifications below.

Level 3 NVQ Diploma in Marine Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0335/4	115	1150	Competence	English Only

EAL Level 3 Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0717/8	68	680	Knowledge	English Only

EAL Level 3 Subsidiary Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0718/3	48	480	Knowledge	English Only

EAL Level 3 Extended Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0717/9	98	980	Knowledge	English Only

Pearson BTEC Level 3 National Extended Certificate in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0775/5	47	465	Knowledge	English Only

Pearson BTEC Level 3 National Foundation Diploma in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0775/6	90	740	Knowledge	English Only

Pearson BTEC Level 3 National Diploma in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/2	120	975	Knowledge	English Only

Pearson BTEC Level 4 Higher National Certificate in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/1163/6	120	1200	Knowledge	English-Welsh

Technical Extended Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/1171/3	148	14800	Knowledge	English Only

BTEC Level 3 Certificate in Advanced Manufacturing Engineering (Development Technical Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/3	120	736	Knowledge	English Only

BTEC Level 3 Diploma in Advanced Manufacturing Engineering (Development Technical Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/6	120	982	Knowledge	English Only

BTEC Level 3 Extended Diploma in Advanced Manufacturing Engineering (Development Technical Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/8	120	1476	Knowledge	English-Welsh

BTEC Level 3 Award in Advanced Manufacturing Engineering (Development Technical Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/5	120	492	Knowledge	English Only

EAL Level 3 Extended Diploma in Advanced Manufacturing Engineering (Development knowledge)					
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Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	603/1353/5 C00/2240/9	Not Set	1200	Knowledge	English Only

EAL Level 3 Extended Diploma in Advanced Manufacturing Engineering (Development knowledge)

Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	603/1354/7 C00/2241/0	Not set	1790	Knowledge	English Only

Essential Skills Wales (ESW)

Essential Skills Wales qualifications assessment languages are English-Welsh

Level 3: I Marine (Yacht and Boat building, maintenance and repair)	Level	Minimum Credit Value
Communication	2	6
Application of Number	2	6
Digital Literacy	2	6

On/Off the Job Training

Programme	Minimum On the Job Training Hours	Minimum Off the Job Training Hours
Level 3: Marine (Yacht and Boat building, maintenance and repair)	445	694

On/Off the Job Qualification details (Minimum Credit & Hours)

162 credits for competence and knowledge.

The total amount of learning hours which includes both on and off-the-job training for the Marine (Yacht and Boat building, maintenance and repair) Apprenticeship is 1139.

Competence: 445

Knowledge: 360

ESW: 180 (3 x 60)

Mentoring: 154 (154 x 1 hour per week)

Programme duration approximately 42 months depending on the qualification and unit options selected.

On/Off the Job Essential Skills details (Minimum Credit & Hours)

- 6 credits / 60 GLH Level 2 Essential Skills Wales Communication
- 6 credits / 60 GLH Level 2 Essential Skills Wales Application of Number
- 6 credits / 60 GLH Level 2 Essential Skills Wales Digital Literacy

Level 3: Engineering Maintenance

Qualifications

Participants must achieve one of the following *competence and knowledge* qualifications below.

Level 3 NVQ Extended Diploma in Engineering Maintenance					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0357/5	179	1790	Competence	English Only
City & Guilds	C00/0571/5	179	1790	Competence	English Only

Level 3 NVQ Diploma in Engineering Maintenance					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0219/4	167	1670	Competence	English Only
City & Guilds	C00/0232/0	167	1670	Competence	English Only

City & Guilds Level 3 Diploma in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
City & Guilds	C00/0338/4	54	540	Knowledge	English Only

EAL Level 3 Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0717/8	68	680	Knowledge	English Only

EAL Level 3 Subsidiary Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0718/3	48	480	Knowledge	English Only

EAL Level 3 Extended Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0717/9	98	980	Knowledge	English Only

Pearson BTEC Level 3 National Extended Certificate in Engineering					
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Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0775/5	47	465	Knowledge	English Only

Pearson BTEC Level 3 National Foundation Diploma in Engineering

Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0775/6	90	740	Knowledge	English Only

Pearson BTEC Level 3 National Diploma in Engineering

Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/2	120	975	Knowledge	English Only

Pearson BTEC Level 3 National Diploma in Electrical and Electronic Engineering

Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/1	120	980	Knowledge	English Only

Pearson BTEC Level 3 National Diploma in Mechanical Engineering

Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/4	120	985	Knowledge	English Only

Pearson BTEC Level 3 National Extended Diploma in Engineering

Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/7	180	1475	Knowledge	English Only

Pearson BTEC Level 3 Extended Diploma in Electrical/ Electronic Engineering

Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/6	180	1485	Knowledge	English Only

Pearson BTEC Level 3 Extended Diploma in Mechanical Engineering

Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/9	180	1485	Knowledge	English Only

Pearson BTEC Level 3 Extended Diploma in Manufacturing Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/8	180	1475	Knowledge	English Only

Pearson BTEC Level 4 Higher National Certificate in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/1163/6	120	1200	Knowledge	English-Welsh

Technical Extended Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/1171/3	148	148	Knowledge	English Only

Pearson BTEC Level 4 Higher National Certificate in Aeronautical Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/1164/5	120	1200	Knowledge	English Only

HNC Mechanical Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
University of Wales (Trinity St Davids)	N/A	120	1200	Knowledge	English Only

HNC Electrical / Electronic Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
University of Wales (Trinity St Davids)	N/A	120	1200	Knowledge	English Only

HND Electrical and Electronic Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)

University of Wales (Trinity St Davids)	N/A	240	2400	Knowledge	English Only
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HNC Mechanical Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
University of South Wales	N/A	N/A	N/A	Knowledge	English Only

HNC in Mechanical Technology					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Glyndwr University	N/A	155	1	Knowledge	English Only

BTEC Level 3 Certificate in Advanced Manufacturing Engineering (Development Technical Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/3	120	736	Knowledge	English Only

BTEC Level 3 Diploma in Advanced Manufacturing Engineering (Development Technical Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/6	120	982	Knowledge	English Only

BTEC Level 3 Extended Diploma in Advanced Manufacturing Engineering (Development Technical Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/8	120	1476	Knowledge	English-Welsh

BTEC Level 3 Award in Advanced Manufacturing Engineering (Development Technical Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/5	120	492	Knowledge	English Only

EAL Level 3 Extended Diploma in Advanced Manufacturing Engineering (Development knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	603/1353/5 C00/2240/9	Not Set	1200	Knowledge	English Only

EAL Level 3 Extended Diploma in Advanced Manufacturing Engineering (Development knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	603/1354/7 C00/2241/0	Not set	1790	Knowledge	English Only

Essential Skills Wales (ESW)

Essential Skills Wales qualifications assessment languages are English-Welsh

Level 3: Engineering Maintenance	Level	Minimum Credit Value
Communication	2	6
Application of Number	2	6
Digital Literacy	2	6

On/Off the Job Training

Programme	Minimum On the Job Training Hours	Minimum Off the Job Training Hours
Level 3: Engineering Maintenance	321	694

On/Off the Job Qualification details (Minimum Credit & Hours)

214 credits for competence and knowledge.

The total amount of learning hours which includes both on and off-the-job training for the Engineering Maintenance Apprenticeship is 1015.

Competence: 321

Knowledge: 360

ESW: 180 (3 x 60)

Mentoring: 154 (154 x 1 hour per week)

Programme duration approximately 42 months depending on the qualification and unit options selected.

On/Off the Job Essential Skills details (Minimum Credit & Hours)

- 6 credits / 60 GLH Level 2 Essential Skills Wales Communication
- 6 credits / 60 GLH Level 2 Essential Skills Wales Application of Number
- 6 credits / 60 GLH Level 2 Essential Skills Wales Digital Literacy

Level 3: Fabrication and Welding

Qualifications

Participants must achieve one of the following competence and knowledge qualifications below.

Level 3 NVQ Extended Diploma in Fabrication and Welding					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0553/9	151	1510	Competence	English Only

Level 3 NVQ Diploma in Fabrication and Welding					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0554/0	122	1224	Competence	English Only

EAL Level 3 Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0717/8	68	680	Knowledge	English Only

EAL Level 3 Subsidiary Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0718/3	48	480	Knowledge	English Only

EAL Level 3 Extended Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0717/9	98	980	Knowledge	English Only

Pearson BTEC Level 3 National Extended Certificate in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0775/5	47	465	Knowledge	English Only

Pearson BTEC Level 3 Foundation Diploma in Engineering					
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Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0775/6	90	740	Knowledge	English Only

Pearson BTEC Level 3 National Diploma in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/2	120	975	Knowledge	English Only

Pearson BTEC Level 3 National Diploma in Mechanical Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/4	120	985	Knowledge	English Only

Pearson BTEC Level 3 Diploma in Manufacturing Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/3	120	980	Knowledge	English Only

Pearson BTEC Level 4 Higher National Certificate in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/1163/6	120	1200	Knowledge	English-Welsh

Technical Extended Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/1171/3	148	148	Knowledge	English Only

Pearson BTEC Level 4 Higher National Certificate in Aeronautical Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/1164/5	120	1200	Knowledge	English Only

BTEC Level 3 Certificate in Advanced Manufacturing Engineering (Development Technical Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)

Pearson	C00/2955/3	120	736	Knowledge	English Only
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BTEC Level 3 Diploma in Advanced Manufacturing Engineering (Development Technical Knowledge)

Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/6	120	982	Knowledge	English Only

BTEC Level 3 Extended Diploma in Advanced Manufacturing Engineering (Development Technical Knowledge)

Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/8	120	1476	Knowledge	English-Welsh

BTEC Level 3 Award in Advanced Manufacturing Engineering (Development Technical Knowledge)

Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/5	120	492	Knowledge	English Only

SEG Awards Level 3 Diploma in Fabrication and Welding Techniques and Skills

Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
SEG Awards	C00/4158/7	46	460	Knowledge	English Only

City & Guilds Level 3 Diploma in Engineering

Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
City & Guilds	C00/0338/4	54	540	Knowledge	English Only

EAL Level 3 Extended Diploma in Advanced Manufacturing Engineering (Development knowledge)

Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	603/1353/5 C00/2240/9	Not Set	1200	Knowledge	English Only

EAL Level 3 Extended Diploma in Advanced Manufacturing Engineering (Development knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	603/1354/7 C00/2241/0	Not set	1790	Knowledge	English Only

Essential Skills Wales (ESW)

Essential Skills Wales qualifications assessment languages are English-Welsh

Level 3: Fabrication and Welding	Level	Minimum Credit Value
Communication	2	6
Application of Number	2	6
Digital Literacy	2	6

On/Off the Job Training

Programme	Minimum On the Job Training Hours	Minimum Off the Job Training Hours
Level 3: Fabrication and Welding	491	694

On/Off the Job Qualification details (Minimum Credit & Hours)

168 credits for competence and knowledge.

The total amount of learning hours which includes both on and off-the-job training for the Fabrication and Welding Apprenticeship is 1185.

Competence: 491

Knowledge: 360

ESW: 180 (3 x 60)

Mentoring: 154 (154 x 1 hour per week)

Programme duration approximately 42 months depending on the qualification and unit options selected.

On/Off the Job Essential Skills details (Minimum Credit & Hours)

- 6 credits / 60 GLH Level 2 Essential Skills Wales Communication
- 6 credits / 60 GLH Level 2 Essential Skills Wales Application of Number
- 6 credits / 60 GLH Level 2 Essential Skills Wales Digital Literacy

Level 3: Materials Processing and Finishing

Qualifications

Participants must achieve one of the following *competence and knowledge* qualifications below.

Level 3 NVQ Extended Diploma in Materials Processing and Finishing					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0554/4	122	1220	Competence	English Only
City & Guilds	C00/0590/7	122	1220	Competence	English Only

Level 3 NVQ Diploma in Materials Processing and Finishing					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0554/3	95	950	Competence	English Only

EAL Level 3 Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0717/8	68	680	Knowledge	English Only

EAL Level 3 Subsidiary Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0718/3	48	480	Knowledge	English Only

EAL Level 3 Extended Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0717/9	98	980	Knowledge	English Only

Pearson BTEC Level 3 National Extended Certificate in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0775/5	47	465	Knowledge	English Only

Pearson BTEC Level 3 National Foundation Diploma in Engineering					
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Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0775/6	90	740	Knowledge	English Only

Pearson BTEC Level 3 National Diploma in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/2	120	975	Knowledge	English Only

Pearson BTEC Level 3 National Diploma in Mechanical Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/4	120	985	Knowledge	English Only

Pearson BTEC Level 3 National Diploma in Aeronautical Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/0	120	990	Knowledge	English Only

Pearson BTEC Level 4 Higher National Certificate in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/1163/6	120	1200	Knowledge	English-Welsh

Technical Extended Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/1171/3	148	1480	Knowledge	English Only

Pearson BTEC Level 4 Higher National Certificate in Aeronautical Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/1164/5	120	1200	Knowledge	English Only

BTEC Level 3 Certificate in Advanced Manufacturing Engineering (Development Technical Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)

Pearson	C00/2955/3	120	736	Knowledge	English Only
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BTEC Level 3 Diploma in Advanced Manufacturing Engineering (Development Technical Knowledge)

Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/6	120	982	Knowledge	English Only

BTEC Level 3 Extended Diploma in Advanced Manufacturing Engineering (Development Technical Knowledge)

Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/8	120	1476	Knowledge	English-Welsh

BTEC Level 3 Award in Advanced Manufacturing Engineering (Development Technical Knowledge)

Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/5	120	492	Knowledge	English Only

EAL Level 3 Extended Diploma in Advanced Manufacturing Engineering (Development knowledge)

Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	603/1353/5 C00/2240/9	Not Set	1200	Knowledge	English Only

EAL Level 3 Extended Diploma in Advanced Manufacturing Engineering (Development knowledge)

Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	603/1354/7 C00/2241/0	Not set	1790	Knowledge	English Only

Essential Skills Wales (ESW)

Essential Skills Wales qualifications assessment languages are English-Welsh

Level 3: Materials Processing and Finishing	Level	Minimum Credit Value
Communication	2	6
Application of Number	2	6
Digital Literacy	2	6

On/Off the Job Training

Programme	Minimum On the Job Training Hours	Minimum Off the Job Training Hours
Level 3: Materials Processing and Finishing	320	694

On/Off the Job Qualification details (Minimum Credit & Hours)

142 credits for competence and knowledge.
The total amount of learning hours which includes both on and off-the-job training for the Materials Processing and Finishing Apprenticeship is 1014. Competence: 320 Knowledge: 360 ESW: 180 (3 x 60) Mentoring: 154 (154 x 1 hour per week) Programme duration approximately 42 months depending on the qualification and unit options selected.

On/Off the Job Essential Skills details (Minimum Credit & Hours)

<ul style="list-style-type: none">• 6 credits / 60 GLH Level 2 Essential Skills Wales Communication• 6 credits / 60 GLH Level 2 Essential Skills Wales Application of Number• 6 credits / 60 GLH Level 2 Essential Skills Wales Digital Literacy
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Level 3: Engineering Technical Support

Qualifications

Participants must achieve one of the following competence and knowledge qualifications below.

Level 3 NVQ Extended Diploma in Engineering Technical Support					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0554/6	150	1500	Competence	English Only

Level 3 NVQ Diploma in Engineering Technical Support					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0554/7	123	1230	Competence	English Only

City & Guilds Level 3 Diploma in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
City & Guilds	C00/0338/4	54	540	Knowledge	English Only

EAL Level 3 Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0717/8	68	680	Knowledge	English Only

EAL Level 3 Subsidiary Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0718/3	48	480	Knowledge	English Only

EAL Level 3 Extended Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0717/9	98	980	Knowledge	English Only

Pearson BTEC Level 3 National Extended Certificate in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0775/5	47	465	Knowledge	English Only

Pearson BTEC Level 3 National Foundation Diploma in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0775/6	90	740	Knowledge	English Only

Pearson BTEC Level 3 National Diploma in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/2	120	975	Knowledge	English Only

Pearson BTEC Level 3 National Diploma in Mechanical Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/4	120	985	Knowledge	English Only

Pearson BTEC Level 3 National Diploma in Manufacturing Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/3	120	980	Knowledge	English Only

Pearson BTEC Level 3 National Diploma in Aeronautical Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/0	120	990	Knowledge	English Only

Pearson BTEC Level 3 National Extended Diploma in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/7	180	1475	Knowledge	English Only

Pearson BTEC Level 3 Extended Diploma in Electrical/ Electronic Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/6	180	1485	Knowledge	English Only

Pearson BTEC Level 3 Extended Diploma in Mechanical Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/9	180	1485	Knowledge	English Only

Pearson BTEC Level 3 Extended Diploma in Manufacturing Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/8	180	1475	Knowledge	English Only

Pearson BTEC Level 3 National Extended Diploma in Aeronautical Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/5	180	1495	Knowledge	English Only

Pearson BTEC Level 4 Higher National Certificate in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/1163/6	120	1200	Knowledge	English-Welsh

Technical Extended Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/1171/3	148	14800	Knowledge	English Only

Pearson BTEC Level 4 Higher National Certificate in Aeronautical Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/1164/5	120	1200	Knowledge	English Only

HNC Mechanical Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
University of South Wales	N/A	N/A	N/A	Knowledge	English Only

HNC Electrical/Electronic Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
University of South Wales	N/A	N/A	N/A	Knowledge	English Only

BTEC Level 3 Certificate in Advanced Manufacturing Engineering (Development Technical Knowledge)					
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Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/3	120	736	Knowledge	English Only

BTEC Level 3 Diploma in Advanced Manufacturing Engineering (Development Technical Knowledge)

Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/6	120	982	Knowledge	English Only

BTEC Level 3 Extended Diploma in Advanced Manufacturing Engineering (Development Technical Knowledge)

Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/8	120	1476	Knowledge	English-Welsh

BTEC Level 3 Award in Advanced Manufacturing Engineering (Development Technical Knowledge)

Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/5	120	492	Knowledge	English Only

EAL Level 3 Extended Diploma in Advanced Manufacturing Engineering (Development knowledge)

Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	603/1353/5 C00/2240/9	Not Set	1200	Knowledge	English Only

EAL Level 3 Extended Diploma in Advanced Manufacturing Engineering (Development knowledge)

Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	603/1354/7 C00/2241/0	Not set	1790	Knowledge	English Only

BTEC Level 3 National Diploma in Electrical and Electronic Engineering

Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
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BTEC	601/7579/5 (C00/0783/1)	Not set	N/A	Knowledge	English Only
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Essential Skills Wales (ESW)

Essential Skills Wales qualifications assessment languages are English-Welsh

Level 3: Engineering Technical Support	Level	Minimum Credit Value
Communication	2	6
Application of Number	2	6
Digital Literacy	2	6

On/Off the Job Training

Programme	Minimum On the Job Training Hours	Minimum Off the Job Training Hours
Level 3: Engineering Technical Support	407	694

On/Off the Job Qualification details (Minimum Credit & Hours)

170 credits for competence and knowledge.
The total amount of learning hours which includes both on and off-the-job training for the Engineering Technical Support Apprenticeship is 1101.
Competence: 407 Knowledge: 360 ESW: 180 (3 x 60) Mentoring: 154 (154 x 1 hour per week)
Programme duration approximately 42 months depending on the qualification and unit options selected.

On/Off the Job Essential Skills details (Minimum Credit & Hours)

<ul style="list-style-type: none"> • 6 credits / 60 GLH Level 2 Essential Skills Wales Communication • 6 credits / 60 GLH Level 2 Essential Skills Wales Application of Number • 6 credits / 60 GLH Level 2 Essential Skills Wales Digital Literacy
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Level 3: Electrical and Electronic Engineering

Qualifications

Participants must achieve one of the following competence and knowledge qualifications below.

Level 3 NVQ Extended Diploma in Electrical and Electronic Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0554/1	117	1170	Competence	English Only

Level 3 NVQ Diploma in Electrical and Electronic Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0554/2	90	900	Competence	English Only

City & Guilds Level 3 Diploma in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
City & Guilds	C00/0338/4	54	540	Knowledge	English Only

Pearson BTEC Level 3 Diploma in ICT Systems and Principles					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0259/3	37	370	Knowledge	English Only

EAL Level 3 Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0717/8	68	680	Knowledge	English Only

EAL Level 3 Subsidiary Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0718/3	48	480	Knowledge	English Only

EAL Level 3 Extended Diploma in Engineering Technologies					
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Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0717/9	98	980	Knowledge	English Only

Pearson BTEC Level 3 National Extended Certificate in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0775/5	47	465	Knowledge	English Only

Pearson BTEC Level 3 National Foundation Diploma in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0775/6	90	740	Knowledge	English Only

Pearson BTEC Level 3 National Diploma in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/2	120	975	Knowledge	English Only

Pearson BTEC Level 3 National Diploma in Electrical and Electronic Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/1	120	980	Knowledge	English Only

Pearson BTEC Level 3 National Diploma in Mechanical Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/4	120	985	Knowledge	English Only

Pearson BTEC Level 3 National Extended Diploma in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/7	180	1475	Knowledge	English Only

Pearson BTEC Level 3 Extended Diploma in Electrical/ Electronic Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/6	180	1485	Knowledge	English Only

Pearson BTEC Level 4 Higher National Certificate in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/1163/6	120	1200	Knowledge	English-Welsh

Pearson BTEC Level 4 Higher National Certificate in Aeronautical Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/1164/5	120	1200	Knowledge	English Only

BTEC Level 3 Certificate in Advanced Manufacturing Engineering (Development Technical Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/3	120	736	Knowledge	English Only

BTEC Level 3 Diploma in Advanced Manufacturing Engineering (Development Technical Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/6	120	982	Knowledge	English Only

BTEC Level 3 Extended Diploma in Advanced Manufacturing Engineering (Development Technical Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/8	120	1476	Knowledge	English-Welsh

BTEC Level 3 Award in Advanced Manufacturing Engineering (Development Technical Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/5	120	492	Knowledge	English Only

EAL Level 3 Extended Diploma in Advanced Manufacturing Engineering (Development knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	603/1353/5 C00/2240/9	Not Set	1200	Knowledge	English Only

EAL Level 3 Extended Diploma in Advanced Manufacturing Engineering (Development knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	603/1354/7 C00/2241/0	Not set	1790	Knowledge	English Only

Essential Skills Wales (ESW)

Essential Skills Wales qualifications assessment languages are English-Welsh

Level 3: Electrical and Electronic Engineering	Level	Minimum Credit Value
Communication	2	6

Application of Number	2	6
Digital Literacy	2	6

On/Off the Job Training

Programme	Minimum On the Job Training Hours	Minimum Off the Job Training Hours
Level 3: Electrical and Electronic Engineering	309	694

On/Off the Job Qualification details (Minimum Credit & Hours)

137 credits for competence and knowledge.

The total amount of learning hours which includes both on and off-the-job training for the Electrical and Electronic Engineering Apprenticeship is 1003.

Competence: 309

Knowledge: 360

ESW: 180 (3 x 60)

Mentoring: 154 (154 x 1 hour per week)

Programme duration approximately 42 months depending on the qualification and unit options selected.

On/Off the Job Essential Skills details (Minimum Credit & Hours)

- 6 credits / 60 GLH Level 2 Essential Skills Wales Communication
- 6 credits / 60 GLH Level 2 Essential Skills Wales Application of Number
- 6 credits / 60 GLH Level 2 Essential Skills Wales Digital Literacy

Level 3: Installation and Commissioning

Qualifications

Participants must achieve one of the following competence and knowledge qualifications below.

Level 3 NVQ Extended Diploma in Installation and Commissioning					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/1001/2	176	1760	Competence	English Only

Level 3 NVQ Diploma in Installation and Commissioning					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0219/5	149	14900	Competence	English Only

City & Guilds Level 3 Diploma in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
City & Guilds	C00/0338/4	54	540	Knowledge	English Only

EAL Level 3 Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0717/8	68	680	Knowledge	English Only

EAL Level 3 Subsidiary Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0718/3	48	480	Knowledge	English Only

EAL Level 3 Extended Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0717/9	98	980	Knowledge	English Only

Pearson BTEC Level 3 National Extended Certificate in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0775/5	47	465	Knowledge	English Only

Pearson BTEC Level 3 National Foundation Diploma in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0775/6	90	740	Knowledge	English Only

Pearson BTEC Level 3 National Diploma in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/2	120	975	Knowledge	English Only

Pearson BTEC Level 3 National Diploma in Electrical and Electronic Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/1	120	980	Knowledge	English Only

Pearson BTEC Level 3 National Diploma in Mechanical Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/4	120	985	Knowledge	English Only

Pearson BTEC Level 3 National Diploma in Manufacturing Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/3	120	980	Knowledge	English Only

Pearson BTEC Level 3 National Extended Diploma in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/7	180	1475	Knowledge	English Only

Pearson BTEC Level 4 Higher National Certificate in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/1163/6	120	1200	Knowledge	English-Welsh

Technical Extended Diploma in Engineering Technologies					
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Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/1171/3	148	14800	Knowledge	English Only

Pearson BTEC Level 4 Higher National Certificate in Aeronautical Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/1164/5	120	1200	Knowledge	English Only

BTEC Level 3 Certificate in Advanced Manufacturing Engineering (Development Technical Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/3	120	736	Knowledge	English Only

BTEC Level 3 Diploma in Advanced Manufacturing Engineering (Development Technical Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/6	120	982	Knowledge	English Only

BTEC Level 3 Extended Diploma in Advanced Manufacturing Engineering (Development Technical Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/8	120	1476	Knowledge	English-Welsh

BTEC Level 3 Award in Advanced Manufacturing Engineering (Development Technical Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/5	120	492	Knowledge	English Only

EAL Level 3 Extended Diploma in Advanced Manufacturing Engineering (Development knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	603/1353/5 C00/2240/9	Not Set	1200	Knowledge	English Only

EAL Level 3 Extended Diploma in Advanced Manufacturing Engineering (Development knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	603/1354/7 C00/2241/0	Not set	1790	Knowledge	English Only

Essential Skills Wales (ESW)

Essential Skills Wales qualifications assessment languages are English-Welsh

Level 3: Installation and Commissioning	Level	Minimum Credit Value
Communication	2	6
Application of Number	2	6
Digital Literacy	2	6

On/Off the Job Training

Programme	Minimum On the Job Training Hours	Minimum Off the Job Training Hours
Level 3: Installation and Commissioning	302	694

On/Off the Job Qualification details (Minimum Credit & Hours)

196 credits for competence and knowledge.

The total amount of learning hours which includes both on and off-the-job training for the Installation and Commissioning Apprenticeship is 996.

Competence: 302

Knowledge: 360

ESW: 180 (3 x 60)

Mentoring: 154 (154 x 1 hour per week)

Programme duration approximately 42 months depending on the qualification and unit options selected.

On/Off the Job Essential Skills details (Minimum Credit & Hours)

- 6 credits / 60 GLH Level 2 Essential Skills Wales Communication
- 6 credits / 60 GLH Level 2 Essential Skills Wales Application of Number
- 6 credits / 60 GLH Level 2 Essential Skills Wales Digital Literacy

Level 3: Engineering Toolmaking

Qualifications

Participants must achieve one of the following competence and knowledge qualifications below.

Level 3 NVQ Extended Diploma in Engineering Toolmaking					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0350/2	132	1320	Competence	English Only

Level 3 NVQ Diploma in Engineering Toolmaking					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0321/9	105	1050	Competence	English Only

City & Guilds Level 3 Diploma in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
City & Guilds	C00/0338/4	54	540	Knowledge	English Only

EAL Level 3 Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0717/8	68	680	Knowledge	English Only

EAL Level 3 Subsidiary Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0718/3	48	480	Knowledge	English Only

EAL Level 3 Extended Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0717/9	98	980	Knowledge	English Only

Pearson BTEC Level 3 National Extended Certificate in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0775/5	47	465	Knowledge	English Only

Pearson BTEC Level 3 National Foundation Diploma in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0775/6	90	740	Knowledge	English Only

Pearson BTEC Level 3 National Diploma in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/2	120	975	Knowledge	English Only

Pearson BTEC Level 3 National Diploma in Mechanical Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/4	120	985	Knowledge	English Only

Pearson BTEC Level 3 National Diploma in Manufacturing Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/3	120	980	Knowledge	English Only

Pearson BTEC Level 3 National Extended Diploma in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/7	180	1475	Knowledge	English Only

Pearson BTEC Level 3 National Extended Diploma in Mechanical Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/9	180	1485	Knowledge	English Only

Pearson BTEC Level 4 Higher National Certificate in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/1163/6	120	1200	Knowledge	English-Welsh

Technical Extended Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/1171/3	148	14800	Knowledge	English Only

BTEC Level 3 Certificate in Advanced Manufacturing Engineering (Development Technical Knowledge)

Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/3	120	736	Knowledge	English Only

BTEC Level 3 Diploma in Advanced Manufacturing Engineering (Development Technical Knowledge)

Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/6	120	982	Knowledge	English Only

BTEC Level 3 Extended Diploma in Advanced Manufacturing Engineering (Development Technical Knowledge)

Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/8	120	1476	Knowledge	English-Welsh

BTEC Level 3 Award in Advanced Manufacturing Engineering (Development Technical Knowledge)

Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/5	120	492	Knowledge	English Only

EAL Level 3 Extended Diploma in Advanced Manufacturing Engineering (Development knowledge)

Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	603/1353/5 C00/2240/9	Not Set	1200	Knowledge	English Only

EAL Level 3 Extended Diploma in Advanced Manufacturing Engineering (Development knowledge)

Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	603/1354/7 C00/2241/0	Not set	1790	Knowledge	English Only

Essential Skills Wales (ESW)

Essential Skills Wales qualifications assessment languages are English-Welsh

Level 3: Engineering Toolmaking	Level	Minimum Credit Value
Communication	2	6
Application of Number	2	6
Digital Literacy	2	6

On/Off the Job Training

Programme	Minimum On the Job Training Hours	Minimum Off the Job Training Hours
Level 3: Engineering Toolmaking	316	694

On/Off the Job Qualification details (Minimum Credit & Hours)

152 credits for competence and knowledge.

The total amount of learning hours which includes both on and off-the-job training for the Engineering Toolmaking Apprenticeship is 1010

Competence: 316

Knowledge: 360

ESW: 180 (3 x 60)

Mentoring: 154 (154 x 1 hour per week)

Programme duration approximately 42 months depending on the qualification and unit options selected.

On/Off the Job Essential Skills details (Minimum Credit & Hours)

- 6 credits / 60 GLH Level 2 Essential Skills Wales Communication
- 6 credits / 60 GLH Level 2 Essential Skills Wales Application of Number
- 6 credits / 60 GLH Level 2 Essential Skills Wales Digital Literacy

Level 3: Automotive

Qualifications

Participants must achieve one of the following competence and knowledge qualifications below.

Level 3 NVQ Extended Diploma in Automotive Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0350/4	143	1430	Competence	English Only

Level 3 NVQ Diploma in Automotive Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0321/8	116	1160	Competence	English Only

Level 3 Diploma in Light Vehicle Maintenance and Repair Competence					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
City & Guilds	C00/4588/0	73	730	Competence	English Only

IMI Level 3 Diploma in Heavy Vehicle Maintenance and Repair Principles					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
IMI	C00/0274/0	79	790	Knowledge	English Only

Level 3 Diploma in Light Vehicle Maintenance and Repair Knowledge					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
City & Guilds	C00/4588/1	87	870	Knowledge	English Only

EAL Level 3 Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0717/8	68	680	Knowledge	English Only

EAL Level 3 Subsidiary Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0718/3	48	480	Knowledge	English Only

EAL Level 3 Extended Diploma in Engineering Technologies					
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Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0717/9	98	980	Knowledge	English Only

Pearson BTEC Level 3 National Extended Certificate in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0775/5	47	465	Knowledge	English Only

Pearson BTEC Level 3 National Foundation Diploma in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0775/6	90	740	Knowledge	English Only

Pearson BTEC Level 3 National Diploma in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/2	120	975	Knowledge	English Only

Pearson BTEC Level 3 National Diploma in Electrical and Electronic Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/1	120	980	Knowledge	English Only

Pearson BTEC Level 3 National Diploma in Manufacturing Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/3	120	980	Knowledge	English Only

Pearson BTEC Level 3 National Extended Diploma in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/7	180	1475	Knowledge	English Only

Pearson BTEC Level 4 Higher National Certificate in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/1163/6	120	1200	Knowledge	English-Welsh

Technical Extended Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/1171/3	148	1480	Knowledge	English Only

BTEC Level 3 Certificate in Advanced Manufacturing Engineering (Development Technical Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/3	120	736	Knowledge	English Only

BTEC Level 3 Diploma in Advanced Manufacturing Engineering (Development Technical Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/6	120	982	Knowledge	English Only

BTEC Level 3 Extended Diploma in Advanced Manufacturing Engineering (Development Technical Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/8	120	1476	Knowledge	English-Welsh

BTEC Level 3 Award in Advanced Manufacturing Engineering (Development Technical Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/5	120	492	Knowledge	English Only

EAL Level 3 Extended Diploma in Advanced Manufacturing Engineering (Development knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	603/1353/5 C00/2240/9	Not Set	1200	Knowledge	English Only

EAL Level 3 Extended Diploma in Advanced Manufacturing Engineering (Development knowledge)					
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Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	603/1354/7 C00/2241/0	Not set	1790	Knowledge	English Only

Essential Skills Wales (ESW)

Essential Skills Wales qualifications assessment languages are English-Welsh

Level 3: Automotive	Level	Minimum Credit Value
Communication	2	6
Application of Number	2	6
Digital Literacy	2	6

On/Off the Job Training

Programme	Minimum On the Job Training Hours	Minimum Off the Job Training Hours
Level 3: Automotive	309	694

On/Off the Job Qualification details (Minimum Credit & Hours)

120 credits for competence and knowledge.

The total amount of learning hours which includes both on and off-the-job training for the Automotive Apprenticeship is 1003.

Competence: 309

Knowledge: 360

ESW: 180 (3 x 60)

Mentoring: 154 (154 x 1 hour per week)

Programme duration approximately 42 months depending on the qualification and unit options selected.

On/Off the Job Essential Skills details (Minimum Credit & Hours)

- 6 credits / 60 GLH Level 2 Essential Skills Wales Communication
- 6 credits / 60 GLH Level 2 Essential Skills Wales Application of Number
- 6 credits / 60 GLH Level 2 Essential Skills Wales Digital Literacy

Level 3: Engineering Woodworking, Pattern and Modelmaking

Qualifications

Participants must achieve one of the following competence and knowledge qualifications below.

Level 3 Extended Diploma in Engineering Woodworking, Pattern and Model Making					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0350/6	133	1330	Competence	English Only

Level 3 NVQ Diploma in Engineering Woodworking, Pattern and Model Making					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0321/7	106	1060	Competence	English Only

EAL Level 3 Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0717/8	68	680	Knowledge	English Only

Pearson BTEC Level 3 National Extended Certificate in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0775/5	47	465	Knowledge	English Only

Pearson BTEC Level 3 National Foundation Diploma in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0775/6	90	740	Knowledge	English Only

Pearson BTEC Level 3 National Diploma in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/2	120	975	Knowledge	English Only

Pearson BTEC Level 3 National Diploma in Manufacturing Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)

Pearson	C00/0783/3	120	980	Knowledge	English Only
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Pearson BTEC Level 4 Higher National Certificate in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/1163/6	120	1200	Knowledge	English-Welsh

Technical Extended Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/1171/3	148	14800	Knowledge	English Only

BTEC Level 3 Certificate in Advanced Manufacturing Engineering (Development Technical Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/3	120	736	Knowledge	English Only

BTEC Level 3 Diploma in Advanced Manufacturing Engineering (Development Technical Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/6	120	982	Knowledge	English Only

BTEC Level 3 Extended Diploma in Advanced Manufacturing Engineering (Development Technical Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/8	120	1476	Knowledge	English-Welsh

BTEC Level 3 Award in Advanced Manufacturing Engineering (Development Technical Knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/5	120	492	Knowledge	English Only

EAL Level 3 Extended Diploma in Advanced Manufacturing Engineering (Development knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	603/1353/5 C00/2240/9	Not Set	1200	Knowledge	English Only

EAL Level 3 Extended Diploma in Advanced Manufacturing Engineering (Development knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	603/1354/7 C00/2241/0	Not set	1790	Knowledge	English Only

Essential Skills Wales (ESW)

Essential Skills Wales qualifications assessment languages are English-Welsh

Level 3: Engineering Woodworking, Pattern and Modelmaking	Level	Minimum Credit Value
Communication	2	6
Application of Number	2	6
Digital Literacy	2	6

On/Off the Job Training

Programme	Minimum On the Job Training Hours	Minimum Off the Job Training Hours
Level 3: Engineering Woodworking, Pattern and Modelmaking	316	694

On/Off the Job Qualification details (Minimum Credit & Hours)

153 credits for competence and knowledge.

The total amount of learning hours which includes both on and off-the-job training for the Engineering Woodworking, Pattern and Modelmaking Apprenticeship is 1010.

Competence: 316

Knowledge: 360

ESW: 180 (3 x 60)

Mentoring: 154 (154 x 1 hour per week)

Programme duration approximately 42 months depending on the qualification and unit options selected.

On/Off the Job Essential Skills details (Minimum Credit & Hours)

- 6 credits / 60 GLH Level 2 Essential Skills Wales Communication
- 6 credits / 60 GLH Level 2 Essential Skills Wales Application of Number
- 6 credits / 60 GLH Level 2 Essential Skills Wales Digital Literacy

Level 3: Engineering Leadership

Qualifications

Participants must achieve one of the following competence and knowledge qualifications below.

Level 3 NVQ Extended Diploma in Engineering Leadership					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0366/9	128	1280	Competence	English Only

Level 3 NVQ Diploma in Engineering Leadership					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/1001/1	101	1010	Competence	English Only

EAL Level 3 Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0717/8	68	680	Knowledge	English Only

EAL Level 3 Subsidiary Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0718/3	48	480	Knowledge	English Only

EAL Level 3 Extended Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/0717/9	98	980	Knowledge	English Only

Pearson BTEC Level 3 National Extended Certificate in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0775/5	47	465	Knowledge	English Only

Pearson BTEC Level 3 National Foundation Diploma in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0775/6	90	740	Knowledge	English Only

Pearson BTEC Level 3 National Diploma in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/2	120	975	Knowledge	English Only

Pearson BTEC Level 3 National Diploma in Electrical and Electronic Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/1	120	980	Knowledge	English Only

Pearson BTEC Level 3 National Diploma in Mechanical Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/4	120	985	Knowledge	English Only

Pearson BTEC Level 3 National Diploma in Manufacturing Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/3	120	980	Knowledge	English Only

Pearson BTEC Level 3 National Diploma in Aeronautical Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/0783/0	120	990	Knowledge	English Only

Pearson BTEC Level 4 Higher National Certificate in Engineering					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/1163/6	120	1200	Knowledge	English-Welsh

EAL Level 3 Technical Extended Diploma in Engineering Technologies					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	C00/1171/3	148	14800	Knowledge	English Only

Pearson BTEC Level 4 Higher National Certificate in Aeronautical Engineering					
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Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/1164/5	120	1200	Knowledge	English Only

BTEC Level 3 Certificate in Advanced Manufacturing Engineering (Development Technical Knowledge)

Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/3	120	736	Knowledge	English Only

BTEC Level 3 Diploma in Advanced Manufacturing Engineering (Development Technical Knowledge)

Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/6	120	982	Knowledge	English Only

BTEC Level 3 Extended Diploma in Advanced Manufacturing Engineering (Development Technical Knowledge)

Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/8	120	1476	Knowledge	English-Welsh

BTEC Level 3 Award in Advanced Manufacturing Engineering (Development Technical Knowledge)

Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
Pearson	C00/2955/5	120	492	Knowledge	English Only

EAL Level 3 Extended Diploma in Advanced Manufacturing Engineering (Development knowledge)

Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	603/1353/5 C00/2240/9	Not Set	1200	Knowledge	English Only

EAL Level 3 Extended Diploma in Advanced Manufacturing Engineering (Development knowledge)					
Awarding Body	Qualification No.	Credit Value	Total Qualification Time	Competence / Knowledge / Combined	Qualification Assessment Language(s)
EAL	603/1354/7 C00/2241/0	Not set	1790	Knowledge	English Only

Essential Skills Wales (ESW)

Essential Skills Wales qualifications assessment languages are English-Welsh

Level 3: Engineering Leadership	Level	Minimum Credit Value
Communication	2	6
Application of Number	2	6
Digital Literacy	2	6

On/Off the Job Training

Programme	Minimum On the Job Training Hours	Minimum Off the Job Training Hours
Level 3: Engineering Leadership	307	694

On/Off the Job Qualification details (Minimum Credit & Hours)

148 credits for competence and knowledge.

The total amount of learning hours which includes both on and off-the-job training for the Engineering Leadership Apprenticeship is 1001.

Competence: 307

Knowledge: 360

ESW: 180 (3 x 60)

Mentoring: 154 (154 x 1 hour per week)

Programme duration approximately 42 months depending on the qualification and unit options selected.

On/Off the Job Essential Skills details (Minimum Credit & Hours)

- 6 credits / 60 GLH Level 2 Essential Skills Wales Communication
- 6 credits / 60 GLH Level 2 Essential Skills Wales Application of Number
- 6 credits / 60 GLH Level 2 Essential Skills Wales Digital Literacy

OTHER ADDITIONAL REQUIREMENTS

N/A

JOB ROLES

The latest version of the job roles and job descriptions for this Pathway can be found [here](#) Link to summary/Platform

PROGRESSION

Progression from the Level 2 Apprenticeship – Aerospace/Mechanical Manufacturing Engineering/ Engineering Maintenance and Installation/Fabrication and Welding/Materials Processing and Finishing/Engineering Technical Support

More generally, most ex-apprentices will start by carrying out semi-skilled job roles within manufacturing and engineering. It is likely that a period of consolidation will be required in these roles before progression can take place.

Most will aspire to a combination of internal promotion within their companies to team leader or supervisor level, while at the same time this affords the opportunity to undertake Further Education qualifications or an Apprenticeship to upgrade their competence and knowledge to fully skilled status.

The Apprenticeship offers a choice of 14 occupational sub-sectors such as aerospace, automotive, marine, electrical/electronics etc. This gives wide ranging opportunity.

Progression from the Level 3 Apprenticeship – Aerospace/Marine (Ship building, maintenance and repair)/Mechanical Manufacturing Engineering /Marine (Yacht and Boat building, maintenance and repair)/Engineering Maintenance/Fabrication and Welding/Materials processing and finishing/Engineering Technical Support/Electrical and Electronic Engineering/Installation and Commissioning/Engineering Toolmaking /Automotive/ Engineering Woodworking/ Pattern and Model making/Engineering Leadership.

While significant numbers of young people will seek internal progression to team leader or supervisory roles within their companies, some will want to progress to a Higher Apprenticeship in Engineering; others may decide to opt for a Foundation degree or HNC/HND.

More generally, most ex-apprentices aspire to a combination of internal promotion while at the same time undertaking company sponsored qualifications as specified above.

EQUALITY & DIVERSITY

It is important that apprenticeship Pathways and Programmes are inclusive and can demonstrate an active approach to identifying and removing barriers to entry and

progression. Programmes should advance equality of opportunity between persons who share protected characteristics and those persons who do not as identified in the Equality Act 2010.

The Protected characteristics identified in the Equality Act are age, disability, gender re-assignment, race, religion or belief, sex, sexual orientation, pregnancy and maternity. Marriage and civil partnership is also included although only in respect of the requirement to eliminate discrimination in employment.

Training providers and employers MUST also comply with the other duty under the Equality Act 2010 to ensure that applicants are not discriminated against in terms of entry to the industry based upon those nine protected characteristics

Enginuity recognises the training and business benefits of having apprentices from a wide variety of diverse backgrounds. We are committed to ensuring equality and diversity drives all aspects of apprentice selection and recruitment. Equal opportunity and diversity refers to the active elimination of unlawful or unfair discrimination against any person or group.

Enginuity wishes to make a Gender Equality Commitment. Enginuity has signed the United Kingdom Resource Centre (UKRC) CEO's charter in a bid to step up female recruitment in its key sectors and programmes.

Due to impending skills gaps it is estimated that 187,000 people will be required to be recruited and trained between 2010-2016 within Enginuity's sectors of aerospace, automotive, composites, electrical, electronics, maintenance, marine, mathematics, metals and engineered metal products, renewables and science.

The UKRC is the Government's leading body for advanced gender equality in science, engineering and technology (SET) and the CEO's charter is a formal commitment to the UKRC's agenda to challenge the under-representation of women in SET. Women make up 50% of the labour market, yet they make up less than 20% of the labour market in science, engineering and technology.

The UKRC believes that only a concerted effort by the SET industry will break down the gender barriers that exist in traditionally male-dominated environments and we want to be part of a new consensus which will create an inclusive working environment for women. The manufacturing industries in which this pathway operates are traditionally dominated by a white, male workforce. However, faced with an aging workforce and the probability of skill shortages we must look to attract new entrants from a much more diverse recruitment pool. This means that all young people and adults considering engineering and manufacturing as a career are welcome.

Providers of apprenticeship training, including employers, must be able to demonstrate there are no overt or covert discriminatory practices in the selection and employment of apprentices. This can be demonstrated by implementing a Single Equality Scheme (SES). The new Equality Duty (part of the Single Equality Bill) introduced to the public sector requires all public sector bodies to produce a SES combining their current race, disability and gender schemes and should be recognised by all providers of apprenticeship training.

The implementation of a SES demonstrates the organisation's commitment to equality and diversity by identifying new and improved ways of working to ensure the organisation is more efficient and effective in meeting the diverse needs of both staff and customers.

All those who recruit apprentices, be they colleges, training providers or employers, must comply with the Equality act of 2010 and apply the Equality and Diversity legislation taking full account of the following:

- The Sex Discrimination Act 1975 and Code of Practice
- The Race Relations Act 1976 and Code of Practice
- The Disability Discrimination Act 1995 and Code of Practice
- Employment Equality (Religion or Belief) Regulations 2003
- Employment Equality (Sexual Orientation) Regulations 2003
- Employment Equality (Age) Regulations 2006
- The Equality Act 2010

Providers of apprenticeship training and employers must also actively monitor equality of opportunity and diversity procedures and take positive action where necessary to ensure equal access and treatment for all.

Apprenticeships must be seen as a vital route to encourage and facilitate long term change in the equality and diversity of the engineering industry, therefore entry conditions into this pathway are extremely flexible. All effort should be made to increase the diversity of our apprentice population.

EMPLOYMENT RESPONSIBILITIES AND RIGHTS (ERR)

Employment Responsibilities and Rights (ERR) is no longer compulsory. But it is recommended that all apprentices (especially the 16 years -18 year group) receive a company induction programme.

RESPONSIBILITIES

It is the responsibility of the Training Provider and Employer to ensure that the requirements of this pathway are delivered in accordance with the Welsh Government Apprenticeships Guidance.

Further information may be obtained from:

Welsh Government
DfES-ApprenticeshipUnit@gov.wales