

apprenticeship FRAMEWORK

Jewellery, Silversmithing and Allied Trades (Wales)

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Jewellery, Silversmithing and Allied Trades (Wales)

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Framework summary

Jewellery, Silversmithing and Allied Trades

Jewellery Manufacturing

Pathways for this framework at level 2 include:

Pathway 1: Jewellery Manufacturing

Competence qualifications available to this pathway:

N/A

Knowledge qualifications available to this pathway:

N/A

Combined qualifications available to this pathway:

B1 - Level 2 Diploma in Jewellery Manufacturing

This pathway also contains information on:

- Employee rights and responsibilities
- Essential skills

Jewellery, Silversmithing and Allied Trades

Jewellery, Silversmithing & Allied Trades

Pathways for this framework at level 3 include:

Pathway 1: Jewellery Manufacturing

Competence qualifications available to this pathway:

N/A

Knowledge qualifications available to this pathway:

N/A

Combined qualifications available to this pathway:

B1 - Level 3 Diploma in Jewellery Manufacturing (QCF)

This pathway also contains information on:

- Employee rights and responsibilities
- Essential skills

Pathway 2: Silversmithing

Competence qualifications available to this pathway:

N/A

Knowledge qualifications available to this pathway:

N/A

Combined qualifications available to this pathway:

B1 - Level 3 Diploma in Silversmithing (QCF)

This pathway also contains information on:

- Employee rights and responsibilities
- Essential skills

Pathway 3: Precious Metal CAD/CAM

Competence qualifications available to this pathway:

N/A

Knowledge qualifications available to this pathway:

N/A

Combined qualifications available to this pathway:

B1 - Level 3 Diploma in Precious Metal CAD/CAM (QCF)

This pathway also contains information on:

- Employee rights and responsibilities
- Essential skills

Pathway 4: Enamelling

Competence qualifications available to this pathway:

N/A

Knowledge qualifications available to this pathway:

N/A

Combined qualifications available to this pathway:

B1 - Level 3 Diploma in Precious Metal Enamelling (QCF)

This pathway also contains information on:

- Employee rights and responsibilities
- Essential skills

Pathway 5: Engraving

Competence qualifications available to this pathway:

N/A

Knowledge qualifications available to this pathway:

N/A

Combined qualifications available to this pathway:

B1 - Level 3 Diploma in Precious Metal Engraving (QCF)

This pathway also contains information on:

- Employee rights and responsibilities
- Essential skills

Pathway 6: Precious Metal Polishing & Finishing

Competence qualifications available to this pathway:

N/A

Knowledge qualifications available to this pathway:

N/A

Combined qualifications available to this pathway:

B1 - Level 3 Diploma in Precious Metal Polishing and Finishing (QCF)

This pathway also contains information on:

- Employee rights and responsibilities
- Essential skills

Pathway 7: Gem Setting

Competence qualifications available to this pathway:

N/A

Knowledge qualifications available to this pathway:

N/A

Combined qualifications available to this pathway:

B1 - Level 3 Diploma in Gem Setting (QCF)

This pathway also contains information on:

- Employee rights and responsibilities
- Essential skills

Framework information

Information on the Publishing Authority for this framework:

Creative and Cultural Skills

The Apprenticeship sector for occupations in arts, cultural heritage, craft and design (also includes music, literature, performing arts and visual arts).

Issue number: 5	This framework includes:
Framework ID: FR01639	Level 2 Level 3
Date this framework is to be reviewed by: 01/08/2014	This framework is for use in: Wales

Short description

This apprenticeship has been designed with the help of employers to create a non-graduate entry route into jewellery, silversmithing and allied trades. Its aim is to increase the range of work-based learning and provide a supply of new entrants to the sector who are technically proficient in these areas.

Foundation Apprentices will train as specialists in one of the following at Level 2, and have knowledge of some of the other key areas: Goldsmith/Jeweller, Silversmith, Enameller, Engraver, Gem Setter, CAD/CAM worker, Polisher & Finisher, Jobbing Jeweller/Jewellery Technician.

Apprentices will train as specialists in one of the following at Level 3; Goldsmith/Jeweller, Silversmith, Enameller, Engraver, Gem Setter, CAD/CAM worker, Polisher & Finisher, Jobbing Jeweller/Jewellery Technician, Modelmaker, Patternmaker, Precious Metal Caser, Diamond Mounter, Smallworker, Silver Spinner, Chaser, Caster, CAD Technician, CAD Designer, Hand / Machine Engraver, Polisher / Finisher, Diamond / Precious Stone Setter.

Contact information

Proposer of this framework

Creative & Cultural Skills

Developer of this framework

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Revising a framework

Contact details

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Why this framework is being revised

This framework has been revised to include a guide to how long, on average it may take apprentices to complete each level.

The framework is being revised to omit the Level 4 which is currently on hold.

Summary of changes made to this framework

Within the GLH section of this framework, a guide to how long it may take, on average to complete Level 2 and Level 3 has been added:

The average time to complete the Level 2 is 15 months

The average time to complete the Level 3 is 18 months

The Level 4 section has been omitted.

Qualifications removed

(no information)

Qualifications added

(no information)

Qualifications that have been extended

(no information)

Purpose of this framework

Summary of the purpose of the framework

There are over 9,000 individuals working in the UK's 1,445 jewellery businesses, including sole traders as well as those in retail. There are many more individuals working in this sector if you include the very large large numbers of those in wholesale jewellery manufacture and distribution. The jewellery sector therefore makes a significant contribution to the UK economy. Creative & Cultural Skills is supporting this growing sector by working with employers to create apprenticeship opportunities to fill the gap that exists in training and development.

The sector consists of many designer-makers and although these roles are important, what is lacking are young individuals entering the sector in manufacturing and technical areas. This apprenticeship will address the balance.

Through Creative & Cultural Skills' Labour Market Intelligence (LMI) and employer engagement activities, including our sector-specific Blueprint reports written with industry, we have identified skills gaps in specialist areas (such as jewellery manufacturing), alongside generic skills (such as digital skills) and business skills (such as business development skills). The key to resolving these skills shortages is ensuring that the right set of vocational qualifications (including Apprenticeships and Higher Apprenticeships) are in place so that the right supply of skilled individuals can enter the sector.

Specific characteristics of the jewellery sector and issues which this apprenticeship framework will help to address include:

- 65% of the workforce is between 45 and 65 years old. The Apprenticeship in Jewellery, Silversmithing and Allied Trades will help generate a younger workforce.
- 87.2% of the Jewellery workforce is white. This apprenticeship will help attract individuals to the sector who would not usually access this area of work.
- Only 17.7% of people working in jewellery occupations are qualified to level 4 and above. 23.8% of people in jewellery occupations have no qualifications at all. This apprenticeship will address this gap.

Employers are also keen to increase the level of work-based learning in order to change the culture of an over reliance on graduate recruitment to this industry. They have helped to design the qualifications in this apprenticeship framework. This ensures that it meets their current and future skills needs and at the same time, meet the requirements of the Specification of Apprenticeship Standards for Wales (SASEW).

This Level 2 Foundation and Level 3 Apprenticeship Framework will also contribute to meeting

the skills priorities for Wales by:

- providing flexible access to high quality Level 2 and 3 skills programmes, as a real alternative to academic qualifications, for those who prefer this style of learning and achievement;
- incorporating skills to improve the levels of general literacy, numeracy and ICT in Wales;
- using technical and competence qualifications, valued by employers, to help their businesses grow;
- developing the apprentice's employability skills, making them more attractive to all employers whichever career they choose;
- providing a career pathway into jobs and training at intermediate and higher level, to provide the skills which the economy needs to grow;
- building on the existing quality learning provision for the creative and cultural sector in Wales;
- developing on from the DCELLS Apprenticeships pilot project in Wales as part of the Sector Priorities Fund;
- responding to the prioritisation of the creative industries in Wales as part of the Economic Renewal Programme. Creative Industries are one of six identified priority sectors.

Aims and objectives of this framework (Wales)

The aim of this framework is to attract new entrants into jewellery, silversmithing and allied trades from a wide range of backgrounds, equip them with the skills employers need to replace those who leave and provide clear career development pathways for those progressing within the sector.

Objectives of this framework are to:

- Provide a flexible entry route to attract a wider range of individuals into jewellery, silversmithing and allied trades at Levels 2 and 3.
- Increase and strengthen the technical and specialist knowledge base and skills within the sector;
- Provide SMEs and micro-businesses with access to a quality work-based training and development programme to increase business productivity and efficiency;
- Provide opportunities for career progression within jewellery, silversmithing and allied trades for those new to the sector into more skilled positions through further training and development, FE and HE programmes.

Entry conditions for this framework

There is a shortage of young people entering this sector with an interest in and aptitude for technical skills which are in line with manufacturing and the engineering industry. Employers are seeking to widen the pool of potential new recruits into jewellery, silversmithing and allied trades, and to create an alternative route of entry to the sector.

Employers are particularly interested in those who:

- show a keen interest in working in the sector and have an interest in the engineering, making, producing and design process
- have technical and creative skills, and/or strong hand-eye coordination

Applicants may have prior experience or qualifications in any of the creative industries that demonstrates the above. However, prior experience or qualifications is not mandatory as training providers and employers will use initial assessment to ensure that applicants have a fair opportunity to demonstrate any interests or abilities. Programmes will then be tailored to meet individual needs, recognising any prior qualifications and experience.

Proxies and relaxations

Processes exist to make sure that applicants with prior knowledge, qualifications and experience are not disadvantaged by having to repeat learning. Training providers and awarding organisations will be able to advise on the current rules for accrediting prior learning and recognising prior experience.

Refer to the 'on-and-off the job' training section for guidance about prior attainment and achievement. In the meantime, this is a short summary:

The SASW does not specify relaxations or proxies for qualifications however, providers are encouraged to identify additional on-the-job training programmes that customise the learning to the new workplace.

1. Essential Skills Wales

- If applicants already have GCSEs in English, Maths and/or Information and Communications Technology (ICT) they still have to do the Essential Skills Wales at the relevant level as these are new qualifications and proxies do not exist.
- Up to the 31 August 2011, if applicants already have achieved Key Skills at the relevant level, they will not have to do the relevant Essential Skills Wales ESW, however, apprentices can be encouraged to complete ESW at a higher level if appropriate.

2. Integrated qualification

- If applicants for the Foundation Apprenticeship already have the Level 2 combined qualification before they started their apprenticeship, this can be accepted and they would not have to redo the qualification, providing that they have achieved this qualification within 5 years of applying for the apprenticeship certificate. The hours they spent gaining this qualification will also count towards the minimum hours required for this framework. For the competence aspect of the qualification the apprentice will still have to demonstrate competence in the workplace.
- If applicants for the Apprenticeship already have the Level 3 combined qualification before they started their apprenticeship, this can be accepted and they would not have to redo the qualification, providing that they have achieved this qualification within 5 years of applying for the apprenticeship certificate. The hours they spent gaining this qualification will also count towards the minimum hours required for this framework. For the competence aspect of the qualification the apprentice will still have to demonstrate competence in the workplace.

3. Prior experience

- Applicants already working in the sector will be able to have their prior experience recognised by the Awarding Organisation and this will count towards the competence and the knowledge qualifications in this framework.

Level 2

Title for this framework at level 2

Jewellery Manufacturing

Pathways for this framework at level 2

Pathway 1: Jewellery Manufacturing

Level 2, Pathway 1: Jewellery Manufacturing

Description of this pathway

Pathway 1: Jewellery Manufacturing Credit: 45

Entry requirements for this pathway in addition to the framework entry requirements

There are no additional requirements other than the general entry conditions.

Job title(s)	Job role(s)
Jewellery technician	Maintenance of tools, machinery and equipment within the workshop; knowledge of how to use the equipment and basic jewellery techniques.
Silversmith	Designs and making a wide range of objects, including flatware (spoons and forks), cutlery (knives), pots, bowls, tankards, boxes, trophies and badges working with hollowware, box making/small work.
Engraver	Hand engraving, decorative, lettering or seal work on jewellery, silverware or other allied trades.
Gem Setter	This can involve a range of hand and machine setting techniques predominately on jewellery.
Polisher/Finisher	Polishes and finishes a wide range of items and can cover both jewellery and silverware. It can also include plated finishes in a variety of metals.
Enameller	This involves the vitreous and non-vitreous enamelling of jewellery, silversmithing and objet d'art.
Goldsmith/ Jeweller	This involves working in gold and silver producing jewellery, silversmithing and objet d'art.
CAD/CAM worker	Produces computer aided design models of jewellery and silversmithing items for production using rapid prototyping and manufacturing.
Jobbing jeweller	This involves the repair, renovation and alteration of jewellery.

Qualifications

Competence qualifications available to this pathway

N/A

Knowledge qualifications available to this pathway

N/A

Combined qualifications available to this pathway

B1 - Level 2 Diploma in Jewellery Manufacturing					
No.	Ref no.	Awarding organisation	Credit value	Guided learning hours	UCAS points value
B1a	600/0644/4	AIM Awards	45	288	N/A
B1b	600/1625/5	City and Guilds	45	288	N/A
B1c	600/0641/9	SQA	45	288	N/A

Notes on competence and knowledge qualifications (if any)

All units for the Level 2 Diploma in Jewellery Manufacturing are mandatory. These units have been developed in response to employer demand for a qualification which gives a strong grounding in jewellery, silversmithing and allied trades from which learners can progress and specialise.

The units within the qualification include 10 credits worth of knowledge coverage. The competence and technical knowledge will be assessed separately.

Total credit value of mandatory knowledge units is 13

Total credit value of mandatory competency units is 45

Total credit value of

These units are based on National Occupational Standards in jewellery manufacturing, silversmithing and allied trades developed by Creative & Cultural Skills in 2010.

Unit Titles and Credit Values:

Interpret jewellery manufacture or silversmithing drawings -2 credits

Contribute to keeping the workshop tidy and safe in jewellery, silversmithing and allied trades - 3 credits

Mark out and measure materials for jewellery and silverware components - 2 credits

Know the properties of common precious metals and alloys used in jewellery manufacture or silversmithing

- 4 credits

Use tools to cut and pierce jewellery or silverware components - 5 credits

Use tools to file jewellery or silverware components - 3 credits

Use hand and mechanical techniques to polish and finish jewellery or silverware components - 3 credits

Use equipment to permanently join jewellery or silverware components - 4 credits

Use tools to produce formed jewellery or formed silverware components - 6 credits

Use tools to produce hand engraving on jewellery or silverware products - 4 credits

Use techniques to identify and secure stones in settings in jewellery or silverware products - 4 credits

Identify and explain methods and tools used in vitreous enamelling to produce jewellery or silverware products

- 3 credits

Identify how new and emerging technologies may impact on working practices in the jewellery industry - 2 credits

Transferable skills (Wales)

Essential skills (Wales)

	Minimum level	Credit value
Communication	1	6
Application of numbers	1	6
IT	1	6

Progression routes into and from this pathway

Progression into the Level 2 Foundation Apprenticeship in Jewellery, Silversmithing and Allied Trades may be from a variety of routes including:

- Welsh Baccalaureate including Principle Learning Qualifications in Creative and Media Diploma or Manufacturing and Product Design
- work or work experience - including a portfolio of evidence
- general or vocational qualifications related to or relevant for the creative and cultural industries
- studies that have included art and design, engineering or manufacture
- short courses and non accredited training in jewellery, for general interest and skills development

(It is envisaged that many learners may come to the Apprenticeship straight from school, therefore work experience, short courses etc are preferred but not mandatory)

Progression from the Level 2 Foundation Apprenticeship in Jewellery, Silversmithing and Allied Trades may include a variety of routes, for example:

Education: FE/HE

- Level 3 Apprenticeship in Jewellery, Silversmithing and Allied Trades
- Level 3 Apprenticeship in Digital and Media
- Other Level 3 Apprenticeships for the creative and cultural sectors
- Level 3 Diploma in Jewellery Manufacture
- Level 3 Diploma in Silversmithing
- Level 3 Diploma in Gem Setting
- Level 3 Diploma in Precious Metal Polishing and Finishing
- Level 3 Diploma in Precious Metal Engraving

- Level 3 Diploma in Precious Metal CAD/CAM
 - Level 3 Diploma in Precious Metal Enamelling
 - Other vocational qualifications related to or relevant for the creative and / or manufacturing industries.
- For those who wish to continue their development of skills and qualifications beyond Level 3, opportunities may exist to undertake higher level qualifications such as: HND and HNC in Jewellery or related areas, the or one of the Level 4 Diplomas that make up this apprenticeship.

Jobs

Specific roles which would lead on from completion of this framework include:

- Goldsmith/Jeweller
- Silversmith
- Enameller
- Engraver
- Gem Setter
- CAD / CAM worker
- Polisher & Finisher
- Jobbing Jewellers/Jewellery Technicians

And with further development and training potential jobs might also include: Metal Refiner, Material suppliers; (Precious and Non-precious) Stone Suppliers, Tool Suppliers, Display and Exhibition Suppliers, Jewellery Designer, Auctioneer / Valuation, Buyer for Accessories, Merchandiser, Giftware and accessories, Jewellery Gallery/Shop/Retail, Engineering.

For further information about careers in the creative and cultural industries visit:
<http://www.creative-choices.co.uk/>

Delivery and assessment of employee rights and responsibilities

Delivery and assessment of ERR

All Apprentices MUST receive an induction to the workplace and to the apprenticeship programme.

ERR will be covered through an ERR workbook which will ensure that the apprentice knows and understands each of the nine national outcomes for ERR as follows:

1. The range of employer and employee statutory rights and responsibilities under employment law and that employment rights can be affected by other legislation as well. This should cover the apprentice's rights and responsibilities under the Disability Discrimination Act, other relevant equalities legislation and health and safety, together with the duties of employers.
2. Procedures and documentation which recognises and protects their relationship with their employer, including health and safety and equality and diversity training as part of the apprenticeship.
3. The range of sources and information and advice available to them on their employment rights and responsibilities, including Access to Work and Additional Learning Support.
4. The role played by their occupation in their organisation and industry.
5. Has an informed view of the types of career pathways that are open to them.
6. The types of representative bodies and understands their relevance to their industry and organisation and the main roles and responsibilities.
7. Where and how to get information and advice on their industry, occupation, training and career.
8. Can describe and work within their organisation's principles and codes of practice.
9. Can recognise and form a view on issues of public concern that affect their organisation and industry.

The ERR workbook can be downloaded from

<http://ccskills.org.uk/Apprenticeships/Trainingproviders/tabid/771/Default.aspx>

Recognition of ERR

When applying for an apprenticeship completion certificate, the ERR sign off sheet (found at the back of the ERR workbook) must be submitted to Creative & Cultural Skills.

Level 3

Title for this framework at level 3

Jewellery, Silversmithing & Allied Trades

Pathways for this framework at level 3

- Pathway 1: Jewellery Manufacturing
- Pathway 2: Silversmithing
- Pathway 3: Precious Metal CAD/CAM
- Pathway 4: Enamelling
- Pathway 5: Engraving
- Pathway 6: Precious Metal Polishing & Finishing
- Pathway 7: Gem Setting

Level 3, Pathway 1: Jewellery Manufacturing

Description of this pathway

Pathway 1 Jewellery Manufacturing

Total credit value: 120

Entry requirements for this pathway in addition to the framework entry requirements

There are no additional requirements other than the general entry conditions.

Job title(s)	Job role(s)
Manufacturing Jeweller	Involves production of precious metal items by mass production for the commercial market.
Jeweller	This involves designing and making a limited series of artifacts often by hand.
Diamond Mounter	Creates precise items for expensive precious stones often in traditional styles.
Goldsmith	Works in gold or silver producing jewellery, hollow forms and objet d'art.
Precious Metal Caster	Uses the technique of mass producing replicas of an original pattern in precious metals.
Modelmaker	Makes accurate small scale models from precious metals.
Patternmaker	A maker of an original master pattern to produce replicas by precious metal casting methods.

Qualifications

Competence qualifications available to this pathway

N/A

Knowledge qualifications available to this pathway

N/A

Combined qualifications available to this pathway

B1 - Level 3 Diploma in Jewellery Manufacturing (QCF)					
No.	Ref no.	Awarding organisation	Credit value	Guided learning hours	UCAS points value
B1a	600/2749/6	City & Guilds	75	410	
B1b	600/2520/7	SQA	75	410	
B1c	600/3127/X	AIM Awards	75	410	

Notes on competence and knowledge qualifications (if any)

The Level 3 Diploma in Jewellery Manufacturing contains a combination of mandatory and optional units. This qualification has been developed in response to employer demand which gives a strong grounding in jewellery manufacturing.

The units within the qualification include a minimum 10 credits worth of knowledge coverage. The competence and technical knowledge will be assessed separately.

Total credit value of mandatory knowledge units is 18

Total credit value of mandatory competency units is 69

These units are based on National Occupational Standards in jewellery manufacturing, silversmithing and allied trades developed by Creative & Cultural Skills in 2010.

Transferable skills (Wales)

Essential skills (Wales)

	Minimum level	Credit value
Communication	2	6
Application of numbers	2	6
IT	2	6

Progression routes into and from this pathway

Progression into the Level 3 Apprenticeship in Jewellery, Silversmithing and Allied Trades (Jewellery Manufacturing)

This will be from a variety of routes including:

- Level 2 Apprenticeship in Jewellery, Silversmithing and Allied Trades (Jewellery Manufacturing)
- Level 2 Diploma in Jewellery Manufacturing
- (14 – 19) Creative & Media Diploma
- Work or work experience - including a portfolio of evidence
- General or vocational qualifications related to or relevant for the creative and cultural industries

Progression from the Level 3 Apprenticeship in Jewellery, Silversmithing and Allied Trade, (Jewellery Manufacturing)

- (14 – 19) Diploma in Creative and Media at Advanced Level
- Other vocational qualifications related to or relevant for the creative and manufacturing industries
- Non Accredited Programmes and Continuing Professional Development or Training

Jobs

Specific roles which would lead on from completion of this framework include:

- Manufacturing Jeweller
- Jeweller
- Diamond Mounter
- Patternmaker

- Goldsmith
- Precious metal Caster
- Modelmaker

And with further development and training potential jobs might include:

Silversmith, Smallworker, Silver Spinner, Chaser, Diamond and Precious Stone Setter, Polisher, Polisher/Finisher, Hand Engraver, Machine Engraver, Mounter, Caster, CAD Technician, CAD Designer, Enameller, Metal Refiner, Material suppliers; including Precious and Non-precious Stone Suppliers, Tool Suppliers, Display and Exhibition Suppliers, Jewellery Designer, Auctioneer / Valuation, Buyer for Accessories.

FE/HE

For those who wish to continue their development of skills and qualifications beyond Level 3, opportunities may exist to undertake higher level qualifications such as:

- Degrees in Jewellery, 3D, Silversmithing or associated areas like Design
- Other qualifications relevant to jewellery e.g. art and design
- Foundation Degrees in art and design, creative and cultural
- General or vocational qualifications related to or relevant for the creative and cultural industries

For further information about careers in the creative and cultural industries visit:

<http://www.creative-choices.co.uk/>

UCAS points for this pathway:

(no information)

Delivery and assessment of employee rights and responsibilities

Delivery and assessment of ERR

All Apprentices MUST receive an induction to the workplace and to the apprenticeship programme.

ERR will be covered through an ERR workbook which will ensure that the apprentice knows and understands each of the nine national outcomes for ERR as follows:

1. The range of employer and employee statutory rights and responsibilities under employment law and that employment rights can be affected by other legislation as well. This should cover the apprentice's rights and responsibilities under the Disability Discrimination Act, other relevant equalities legislation and health and safety, together with the duties of employers.
2. Procedures and documentation which recognises and protects their relationship with their employer, including health and safety and equality and diversity training as part of the apprenticeship.
3. The range of sources and information and advice available to them on their employment rights and responsibilities, including Access to Work and Additional Learning Support.
4. The role played by their occupation in their organisation and industry.
5. Has an informed view of the types of career pathways that are open to them.
6. The types of representative bodies and understands their relevance to their industry and organisation and the main roles and responsibilities.
7. Where and how to get information and advice on their industry, occupation, training and career.
8. Can describe and work within their organisation's principles and codes of practice.
9. Can recognise and form a view on issues of public concern that affect their organisation and industry.

The ERR workbook can be downloaded from

<http://ccskills.org.uk/Apprenticeships/Trainingproviders/tabid/771/Default.aspx>

Recognition of ERR

When applying for an apprenticeship completion certificate, the ERR sign off sheet (found at the back of the ERR workbook) must be submitted to Creative & Cultural Skills.

Level 3, Pathway 2: Silversmithing

Description of this pathway

Pathway 2 Silversmithing

Total credit value: 139

Entry requirements for this pathway in addition to the framework entry requirements

There are no additional requirements other than the general entry conditions.

Job title(s)	Job role(s)
Silversmith	Designs and makes a wide range of functional objects, including flatware, cutlery, holloware (pots, bowls), boxes and trophies in silver.
Smallworker	Designs and makes a range of objects, that often include moving parts, box making and watch/clock cases.
Modelworker	Makes accurate small scale models from precious metals.
Silver Spinner	Produces metal spinnings/hollow forms in various materials to a given design or specification.
Chaser	Embosses a design or decoration to the surface of metal.

Qualifications

Competence qualifications available to this pathway

N/A

Knowledge qualifications available to this pathway

N/A

Combined qualifications available to this pathway

B1 - Level 3 Diploma in Silversmithing (QCF)					
No.	Ref no.	Awarding organisation	Credit value	Guided learning hours	UCAS points value
B1a	600/2750/2	City & Guilds	94	467	
B1b	600/3023/9	SQA	94	467	
B1c	600/3084/7	AIM Awards	94	467	

Notes on competence and knowledge qualifications (if any)

The Level 3 Diploma in Silversmithing contains a combination of mandatory and optional units. This qualification has been developed in response to employer demand which gives a strong grounding in silversmithing.

The units within the qualification include 10 credits worth of knowledge coverage. The competence and technical knowledge will be assessed separately.

Total credit value of mandatory knowledge units is 22

Total credit value of mandatory competency units is 88

These units are based on National Occupational Standards in jewellery manufacturing, silversmithing and allied trades developed by Creative & Cultural Skills in 2010.

Transferable skills (Wales)

Essential skills (Wales)

	Minimum level	Credit value
Communication	2	6
Application of numbers	2	6
IT	2	6

Progression routes into and from this pathway

Progression into the Level 3 Apprenticeship in Jewellery, Silversmithing and Allied Trades (Silversmithing)

This will be from a variety of routes including:

- Level 2 Apprenticeship in Jewellery, Silversmithing and Allied Trades (Jewellery Manufacturing)
- Level 2 Diploma in Jewellery Manufacturing
- (14 – 19) Creative & Media Diploma
- Work or work experience - including a portfolio of evidence
- General or vocational qualifications related to or relevant for the creative and cultural industries

Progression from the Level 3 Apprenticeship in Jewellery, Silversmithing and Allied Trades (Silversmithing)

- (14 – 19) Diploma in Creative and Media at Advanced Level
- Other vocational qualifications related to or relevant for the creative and manufacturing industries
- Non Accredited Programmes and Continuing Professional Development or Training

Jobs

Specific roles which would lead on from completion of this framework include:

- Silversmith
- Smallworker
- Modelworker
- Silver Spinner

- Chaser

And with further development and training potential jobs might include:

Diamond and Precious Stone Setter, Polisher, Polisher/Finisher, Hand Engraver, Machine Engraver, Manufacturing Jeweller, Jeweller, Mounter, Diamond Mounter, Modelmaker, Goldsmith, Caster, CAD Technician, CAD Designer, Enameller, Metal Refiner, Material suppliers; including Precious and Non-precious Stone Suppliers, Tool Suppliers, Display and Exhibition Suppliers, Jewellery Designer, Auctioneer / Valuation, Buyer for Accessories.

FE/HE

For those who wish to continue their development of skills and qualifications beyond Level 3, opportunities may exist to undertake higher level qualifications such as:

- Degrees in Jewellery, 3D, Silversmithing or associated areas like Design
- Other qualifications relevant to jewellery e.g. art and design
- Foundation Degrees in art and design, creative and cultural
- General or vocational qualifications related to or relevant for the creative and cultural industries

For further information about careers in the creative and cultural industries visit:
<http://www.creative-choices.co.uk/>

UCAS points for this pathway:

(no information)

Delivery and assessment of employee rights and responsibilities

Delivery and assessment of ERR

All Apprentices MUST receive an induction to the workplace and to the apprenticeship programme.

ERR will be covered through an ERR workbook which will ensure that the apprentice knows and understands each of the nine national outcomes for ERR as follows:

1. The range of employer and employee statutory rights and responsibilities under employment law and that employment rights can be affected by other legislation as well. This should cover the apprentice's rights and responsibilities under the Disability Discrimination Act, other relevant equalities legislation and health and safety, together with the duties of employers.
2. Procedures and documentation which recognises and protects their relationship with their employer, including health and safety and equality and diversity training as part of the apprenticeship.
3. The range of sources and information and advice available to them on their employment rights and responsibilities, including Access to Work and Additional Learning Support.
4. The role played by their occupation in their organisation and industry.
5. Has an informed view of the types of career pathways that are open to them.
6. The types of representative bodies and understands their relevance to their industry and organisation and the main roles and responsibilities.
7. Where and how to get information and advice on their industry, occupation, training and career.
8. Can describe and work within their organisation's principles and codes of practice.
9. Can recognise and form a view on issues of public concern that affect their organisation and industry.

The ERR workbook can be downloaded from

<http://ccskills.org.uk/Apprenticeships/Trainingproviders/tabid/771/Default.aspx>

Recognition of ERR

When applying for an apprenticeship completion certificate, the ERR sign off sheet (found at the back of the ERR workbook) must be submitted to Creative & Cultural Skills.

Level 3, Pathway 3: Precious Metal CAD/CAM

Description of this pathway

Pathway 3 Precious Metal CAD/CAM

Total credit value: 103

Entry requirements for this pathway in addition to the framework entry requirements

There are no additional requirements other than the general entry conditions.

Job title(s)	Job role(s)
Manufacturing Jeweller	Involves production of precious metal items by mass production for the commercial market.
Jeweller	This involves designing and making a limited series of artifacts often by hand.
Mounter	Creates precise items for expensive precious stones often in traditional styles.
Diamond Mounter	Creates precise items for expensive precious stones often in traditional styles.
Modelmaker	Makes accurate small scale models from precious metals.
Goldsmith	Works in gold or silver producing jewellery, hollow forms and objet d'art.
Caster	Uses the technique of mass producing replicas of an original pattern in precious metals.
CAD Technician	Uses CAD skills to specific requirements or specifications
CAD Designer	Produces and designs computer aided design models of jewellery and silversmithing items.

Qualifications

Competence qualifications available to this pathway

N/A

Knowledge qualifications available to this pathway

N/A

Combined qualifications available to this pathway

B1 - Level 3 Diploma in Precious Metal CAD/CAM (QCF)					
No.	Ref no.	Awarding organisation	Credit value	Guided learning hours	UCAS points value
B1a	600/2754/X	City & Guilds	58	311	
B1b	600/2519/0	SQA	58	311	
B1c	600/3062/8	AIM Awards	58	311	

Notes on competence and knowledge qualifications (if any)

The Level 3 Diploma in Precious Metal CAD/CAM contains a combination of mandatory and optional units. This qualification has been developed in response to employer demand which gives a strong grounding in precious metal CAD/CAM.

The units within the qualification include 10 credits worth of knowledge coverage. The competence and technical knowledge will be assessed separately.

Total credit value of mandatory knowledge units is 14

Total credit value of mandatory competency units is 50

These units are based on National Occupational Standards in jewellery manufacturing, silversmithing and allied trades developed by Creative & Cultural Skills in 2010.

Transferable skills (Wales)

Essential skills (Wales)

	Minimum level	Credit value
Communication	2	6
Application of numbers	2	6
IT	2	6

Progression routes into and from this pathway

Progression into the Level 3 Apprenticeship in Jewellery, Silversmithing and Allied Trades (Precious Metal CAD/CAM)

This will be from a variety of routes including:

- Level 2 Apprenticeship in Jewellery, Silversmithing and Allied Trades (Jewellery Manufacturing)
- Level 2 Diploma in Jewellery Manufacturing
- (14 – 19) Creative & Media Diploma
- Work or work experience - including a portfolio of evidence
- General or vocational qualifications related to or relevant for the creative and cultural industries

Progression from the Level 3 Apprenticeship in Jewellery, Silversmithing and Allied Trades (Precious Metal CAD/CAM)

- (14 – 19) Diploma in Creative and Media at Advanced Level
- Other vocational qualifications related to or relevant for the creative and manufacturing industries
- Non Accredited Programmes and Continuing Professional Development or Training

Jobs

Specific roles which would lead on from completion of this framework include:

- Manufacturing Jeweller
- Jeweller
- Mounter
- Diamond Mounter

- Modelmaker
- Goldsmith
- Caster
- CAD Technician
- CAD Designer

And with further development and training potential jobs might include:

Silversmith, Smallworker, Modelmaker, Silver Spinner, Chaser, Diamond and Precious Stone Setter, Polisher, Polisher/Finisher, Hand Engraver, Machine Engraver, Manufacturing Jeweller, Jeweller, Mounter, Diamond Mounter, Modelmaker, Goldsmith, Caster, CAD Technician, CAD Designer, Enameller, Metal Refiner, Material suppliers; including Precious and Non-precious Stone Suppliers, Tool Suppliers, Display and Exhibition Suppliers, Jewellery Designer, Auctioneer / Valuation, Buyer for Accessories,

FE/HE

For those who wish to continue their development of skills and qualifications beyond Level 3, opportunities may exist to undertake higher level qualifications such as:

- Degrees in Jewellery, 3D, Silversmithing or associated areas like Design
- Other qualifications relevant to jewellery e.g. art and design
- Foundation Degrees in art and design, creative and cultural
- General or vocational qualifications related to or relevant for the creative and cultural industries

For further information about careers in the creative and cultural industries visit:

<http://www.creative-choices.co.uk/>

UCAS points for this pathway:

(no information)

Delivery and assessment of employee rights and responsibilities

Delivery and assessment of ERR

All Apprentices MUST receive an induction to the workplace and to the apprenticeship programme.

ERR will be covered through an ERR workbook which will ensure that the apprentice knows and understands each of the nine national outcomes for ERR as follows:

1. The range of employer and employee statutory rights and responsibilities under employment law and that employment rights can be affected by other legislation as well. This should cover the apprentice's rights and responsibilities under the Disability Discrimination Act, other relevant equalities legislation and health and safety, together with the duties of employers.
2. Procedures and documentation which recognises and protects their relationship with their employer, including health and safety and equality and diversity training as part of the apprenticeship.
3. The range of sources and information and advice available to them on their employment rights and responsibilities, including Access to Work and Additional Learning Support.
4. The role played by their occupation in their organisation and industry.
5. Has an informed view of the types of career pathways that are open to them.
6. The types of representative bodies and understands their relevance to their industry and organisation and the main roles and responsibilities.
7. Where and how to get information and advice on their industry, occupation, training and career.
8. Can describe and work within their organisation's principles and codes of practice.
9. Can recognise and form a view on issues of public concern that affect their organisation and industry.

The ERR workbook can be downloaded from

<http://ccskills.org.uk/Apprenticeships/Trainingproviders/tabid/771/Default.aspx>

Recognition of ERR

When applying for an apprenticeship completion certificate, the ERR sign off sheet (found at the back of the ERR workbook) must be submitted to Creative & Cultural Skills.

Level 3, Pathway 4: Enamelling

Description of this pathway

Pathway 4: Enamelling

Total credit value: 92

Entry requirements for this pathway in addition to the framework entry requirements

There are no additional requirements other than the general entry conditions.

Job title(s)	Job role(s)
Enameller	Surface design and decoration by the addition of vitreous or non vitreous enamel onto precious metal.

Qualifications

Competence qualifications available to this pathway

N/A

Knowledge qualifications available to this pathway

N/A

Combined qualifications available to this pathway

B1 - Level 3 Diploma in Precious Metal Enamelling (QCF)					
No.	Ref no.	Awarding organisation	Credit value	Guided learning hours	UCAS points value
B1a	600/3065/3	AIM Awards	47	205	
B1b	600/2927/4	SQA	47	205	
B1c	600/2976/6	City & Guilds	47	205	

Notes on competence and knowledge qualifications (if any)

The Level 3 Diploma in Precious Metal Enamelling contains a combination of mandatory and optional units. This qualification has been developed in response to employer demand which gives a strong grounding in precious metal enamelling.

The units within the qualification include 10 credits worth of knowledge coverage. The competence and technical knowledge will be assessed separately.

Total credit value of mandatory knowledge units is 11

Total credit value of mandatory competency units is 41

These units are based on National Occupational Standards in jewellery manufacturing, silversmithing and allied trades developed by Creative & Cultural Skills in 2010.

Transferable skills (Wales)

Essential skills (Wales)

	Minimum level	Credit value
Communication	2	6
Application of numbers	2	6
IT	2	6

Progression routes into and from this pathway

Progression into the Level 3 Apprenticeship in Jewellery, Silversmithing and Allied Trades (Enamelling)

This will be from a variety of routes including:

- Level 2 Apprenticeship in Jewellery, Silversmithing and Allied Trades (Jewellery Manufacturing)
- Level 2 Diploma in Jewellery Manufacturing
- (14 – 19) Creative & Media Diploma
- Work or work experience - including a portfolio of evidence
- General or vocational qualifications related to or relevant for the creative and cultural industries

Progression from the Level 3 Apprenticeship in Jewellery, Silversmithing and Allied Trades (Enamelling)

- (14 – 19) Diploma in Creative and Media at Advanced Level
- Other vocational qualifications related to or relevant for the creative and manufacturing industries
- Non Accredited Programmes and Continuing Professional Development or Training

Jobs

Specific roles which would lead on from completion of this framework include:

- Enameller

And with further development and training potential jobs might include:

Silversmith, Smallworker, Modelmaker, Silver Spinner, Chaser, Diamond and Precious Stone Setter, Polisher, Polisher/Finisher, Hand Engraver, Machine Engraver, Manufacturing Jeweller, Jeweller, Mounter, Diamond Mounter, Modelmaker, Goldsmith, Caster, CAD Technician, CAD Designer, Enameller, Metal Refiner, Material suppliers; including Precious and Non-precious Stone Suppliers, Tool Suppliers, Display and Exhibition Suppliers, Jewellery Designer, Auctioneer / Valuation, Buyer for Accessories.

FE/HE

For those who wish to continue their development of skills and qualifications beyond Level 3, opportunities may exist to undertake higher level qualifications such as:

- Degrees in Jewellery, 3D, Silversmithing or associated areas like Design
- Other qualifications relevant to jewellery e.g. art and design
- Foundation Degrees in art and design, creative and cultural
- General or vocational qualifications related to or relevant for the creative and cultural industries

For further information about careers in the creative and cultural industries visit:

<http://www.creative-choices.co.uk/>

UCAS points for this pathway:

(no information)

Delivery and assessment of employee rights and responsibilities

Delivery and assessment of ERR

All Apprentices MUST receive an induction to the workplace and to the apprenticeship programme.

ERR will be covered through an ERR workbook which will ensure that the apprentice knows and understands each of the nine national outcomes for ERR as follows:

1. The range of employer and employee statutory rights and responsibilities under employment law and that employment rights can be affected by other legislation as well. This should cover the apprentice's rights and responsibilities under the Disability Discrimination Act, other relevant equalities legislation and health and safety, together with the duties of employers.
2. Procedures and documentation which recognises and protects their relationship with their employer, including health and safety and equality and diversity training as part of the apprenticeship.
3. The range of sources and information and advice available to them on their employment rights and responsibilities, including Access to Work and Additional Learning Support.
4. The role played by their occupation in their organisation and industry.
5. Has an informed view of the types of career pathways that are open to them.
6. The types of representative bodies and understands their relevance to their industry and organisation and the main roles and responsibilities.
7. Where and how to get information and advice on their industry, occupation, training and career.
8. Can describe and work within their organisation's principles and codes of practice.
9. Can recognise and form a view on issues of public concern that affect their organisation and industry.

The ERR workbook can be downloaded from

<http://ccskills.org.uk/Apprenticeships/Trainingproviders/tabid/771/Default.aspx>

Recognition of ERR

When applying for an apprenticeship completion certificate, the ERR sign off sheet (found at the back of the ERR workbook) must be submitted to Creative & Cultural Skills.

Level 3, Pathway 5: Engraving

Description of this pathway

Pathway 5: Engraving

Total credit value: 117

Entry requirements for this pathway in addition to the framework entry requirements

There are no additional requirements other than the general entry conditions.

Job title(s)	Job role(s)
Die Sinker	Producing dies to be used for stamping, using both hand and machine engraving skills.
Hand Engraver	Hand engraving, decorative, lettering or seal work on jewellery, silverware or other allied trades.
Machine Engraver	This involves using a range of mechanical and computer aided equipment to engrave or decorate a surface.

Qualifications

Competence qualifications available to this pathway

N/A

Knowledge qualifications available to this pathway

N/A

Combined qualifications available to this pathway

B1 - Level 3 Diploma in Precious Metal Engraving (QCF)					
No.	Ref no.	Awarding organisation	Credit value	Guided learning hours	UCAS points value
B1a	600/2930/4	City & Guilds	72	335	
B1b	600/2977/8	SQA	72	335	
B1c	600/3063/X	AIM Awards	72	335	

Notes on competence and knowledge qualifications (if any)

The Level 3 Diploma in Precious Metal Engraving contains a combination of mandatory and optional units. This qualification has been developed in response to employer demand which gives a strong grounding in precious metal engraving.

The units within the qualification include 10 credits worth of knowledge coverage. The competence and technical knowledge will be assessed separately.

Total credit value of mandatory knowledge units is 17

Total credit value of mandatory competency units is 66

These units are based on National Occupational Standards in jewellery manufacturing, silversmithing and allied trades developed by Creative & Cultural Skills in 2010.

Transferable skills (Wales)

Essential skills (Wales)

	Minimum level	Credit value
Communication	2	6
Application of numbers	2	6
IT	2	6

Progression routes into and from this pathway

Progression into the Level 3 Apprenticeship in Jewellery, Silversmithing and Allied Trades (Engraving)

This will be from a variety of routes including:

- Level 2 Apprenticeship in Jewellery, Silversmithing and Allied Trades (Jewellery Manufacturing)
- Level 2 Diploma in Jewellery Manufacturing
- (14 – 19) Creative & Media Diploma
- Work or work experience - including a portfolio of evidence
- General or vocational qualifications related to or relevant for the creative and cultural industries

Progression from the Level 3 Apprenticeship in Jewellery, Silversmithing and Allied Trades (Engraving)

- (14 – 19) Diploma in Creative and Media at Advanced Level
- Other vocational qualifications related to or relevant for the creative and manufacturing industries
- Non Accredited Programmes and Continuing Professional Development or Training

Jobs

Specific roles which would lead on from completion of this framework include:

- Die Sinker
- Hand Engraver
- Machine Engraver

And with further development and training potential jobs might include:

Silversmith, Smallworker, Modelmaker, Silver Spinner, Chaser, Diamond and Precious Stone Setter, Polisher, Polisher/Finisher, Manufacturing Jeweller, Jeweller, Mounter, Diamond Mounter, Modelmaker, Goldsmith, Caster, CAD Technician, CAD Designer, Enameller, Metal Refiner, Material suppliers; including Precious and Non-precious Stone Suppliers, Tool Suppliers, Display and Exhibition Suppliers, Jewellery Designer, Auctioneer / Valuation, Buyer for Accessories,

FE/HE

For those who wish to continue their development of skills and qualifications beyond Level 3, opportunities may exist to undertake higher level qualifications such as:

- Degrees in Jewellery, 3D, Silversmithing or associated areas like Design
- Other qualifications relevant to jewellery e.g. art and design
- Foundation Degrees in art and design, creative and cultural
- general or vocational qualifications related to or relevant for the creative and cultural industries

For further information about careers in the creative and cultural industries visit:

<http://www.creative-choices.co.uk/>

UCAS points for this pathway:

(no information)

Delivery and assessment of employee rights and responsibilities

Delivery and assessment of ERR

All Apprentices MUST receive an induction to the workplace and to the apprenticeship programme.

ERR will be covered through an ERR workbook which will ensure that the apprentice knows and understands each of the nine national outcomes for ERR as follows:

1. The range of employer and employee statutory rights and responsibilities under employment law and that employment rights can be affected by other legislation as well. This should cover the apprentice's rights and responsibilities under the Disability Discrimination Act, other relevant equalities legislation and health and safety, together with the duties of employers.
2. Procedures and documentation which recognises and protects their relationship with their employer, including health and safety and equality and diversity training as part of the apprenticeship.
3. The range of sources and information and advice available to them on their employment rights and responsibilities, including Access to Work and Additional Learning Support.
4. The role played by their occupation in their organisation and industry.
5. Has an informed view of the types of career pathways that are open to them.
6. The types of representative bodies and understands their relevance to their industry and organisation and the main roles and responsibilities.
7. Where and how to get information and advice on their industry, occupation, training and career.
8. Can describe and work within their organisation's principles and codes of practice.
9. Can recognise and form a view on issues of public concern that affect their organisation and industry.

The ERR workbook can be downloaded from

<http://ccskills.org.uk/Apprenticeships/Trainingproviders/tabid/771/Default.aspx>

Recognition of ERR

When applying for an apprenticeship completion certificate, the ERR sign off sheet (found at the back of the ERR workbook) must be submitted to Creative & Cultural Skills.

Level 3, Pathway 6: Precious Metal Polishing & Finishing

Description of this pathway

Pathway 6: Precious Metal Polishing & Finishing

Credit value: 98

Entry requirements for this pathway in addition to the framework entry requirements

There are no additional requirements other than the general entry conditions.

Job title(s)	Job role(s)
Polisher	Polishes a wide range of items of both jewellery or silverware.
Polisher / Finisher	Polishes and finishes a wide range of items and can cover both jewellery and silverware. It can also include plated finishes in a variety of metals.

Qualifications

Competence qualifications available to this pathway

N/A

Knowledge qualifications available to this pathway

N/A

Combined qualifications available to this pathway

B1 - Level 3 Diploma in Precious Metal Polishing and Finishing (QCF)					
No.	Ref no.	Awarding organisation	Credit value	Guided learning hours	UCAS points value
B1a	600/2751/4	City & Guilds	53	212	
B1b	600/3041/0	SQA	53	212	
B1c	600/3064/1	AIM Awards	53	212	

Notes on competence and knowledge qualifications (if any)

The Level 3 Diploma in Precious Metal Polishing & Finishing contains a combination of mandatory and optional units. This qualification has been developed in response to employer demand which gives a strong grounding in precious metal polishing and finishing.

The units within the qualification include 10 credits worth of knowledge coverage. The competence and technical knowledge will be assessed separately.

Total credit value of mandatory knowledge units is 10

Total credit value of mandatory competency units is 45

These units are based on National Occupational Standards in jewellery manufacturing, silversmithing and allied trades developed by Creative & Cultural Skills in 2010.

Transferable skills (Wales)

Essential skills (Wales)

	Minimum level	Credit value
Communication	2	6
Application of numbers	2	6
IT	2	6

Progression routes into and from this pathway

Progression into the Level 3 Apprenticeship in Jewellery, Silversmithing and Allied Trades (Precious Metal Polishing & Finishing)

This will be from a variety of routes including:

- Level 2 Apprenticeship in Jewellery, Silversmithing and Allied Trades (Jewellery Manufacturing)
- Level 2 Diploma in Jewellery Manufacturing
- (14 – 19) Creative & Media Diploma
- Work or work experience - including a portfolio of evidence
- General or vocational qualifications related to or relevant for the creative and cultural industries

Progression from the Level 3 Apprenticeship in Jewellery, Silversmithing and Allied Trades (Precious Metal Polishing & Finishing)

- Other vocational qualifications related to or relevant for the creative and manufacturing industries
- Non Accredited Programmes and Continuing Professional Development or Training

Jobs

Specific roles which would lead on from completion of this framework include:

- Polisher / Finisher
- Polisher

And with further development and training potential jobs might include:

Silversmith, Smallworker, Modelmaker, Silver Spinner, Chaser, Diamond and Precious Stone Setter, Hand Engraver, Machine Engraver, Manufacturing Jeweller, Jeweller, Mounter, Diamond Mounter, Modelmaker, Goldsmith, Caster, CAD Technician, CAD Designer, Enameller, Metal Refiner, Material suppliers; including Precious and Non-precious Stone Suppliers, Tool Suppliers, Display and Exhibition Suppliers, Jewellery Designer, Auctioneer / Valuation, Buyer for Accessories,

FE/HE

For those who wish to continue their development of skills and qualifications beyond Level 3, opportunities may exist to undertake higher level qualifications such as:

- Degrees in Jewellery, 3D, Silversmithing or associated areas like Design
- Other qualifications relevant to jewellery e.g. art and design
- Foundation Degrees in art and design, creative and cultural
- general or vocational qualifications related to or relevant for the creative and cultural industries

For further information about careers in the creative and cultural industries visit:

<http://www.creative-choices.co.uk/>

UCAS points for this pathway:

(no information)

Delivery and assessment of employee rights and responsibilities

Delivery and assessment of ERR

All Apprentices MUST receive an induction to the workplace and to the apprenticeship programme.

ERR will be covered through an ERR workbook which will ensure that the apprentice knows and understands each of the nine national outcomes for ERR as follows:

1. The range of employer and employee statutory rights and responsibilities under employment law and that employment rights can be affected by other legislation as well. This should cover the apprentice's rights and responsibilities under the Disability Discrimination Act, other relevant equalities legislation and health and safety, together with the duties of employers.
2. Procedures and documentation which recognises and protects their relationship with their employer, including health and safety and equality and diversity training as part of the apprenticeship.
3. The range of sources and information and advice available to them on their employment rights and responsibilities, including Access to Work and Additional Learning Support.
4. The role played by their occupation in their organisation and industry.
5. Has an informed view of the types of career pathways that are open to them.
6. The types of representative bodies and understands their relevance to their industry and organisation and the main roles and responsibilities.
7. Where and how to get information and advice on their industry, occupation, training and career.
8. Can describe and work within their organisation's principles and codes of practice.
9. Can recognise and form a view on issues of public concern that affect their organisation and industry.

The ERR workbook can be downloaded from

<http://ccskills.org.uk/Apprenticeships/Trainingproviders/tabid/771/Default.aspx>

Recognition of ERR

When applying for an apprenticeship completion certificate, the ERR sign off sheet (found at the back of the ERR workbook) must be submitted to Creative & Cultural Skills.

Level 3, Pathway 7: Gem Setting

Description of this pathway

Pathway 7: Gem Setting

Total credit value: 104

Entry requirements for this pathway in addition to the framework entry requirements

There are no additional requirements other than the general entry conditions.

Job title(s)	Job role(s)
Diamond & Precious Stone Setter	This involves the adjustment of cut stones securely in a prepared piece of jewellery in a range of traditional setting styles

Qualifications

Competence qualifications available to this pathway

N/A

Knowledge qualifications available to this pathway

N/A

Combined qualifications available to this pathway

B1 - Level 3 Diploma in Gem Setting (QCF)					
No.	Ref no.	Awarding organisation	Credit value	Guided learning hours	UCAS points value
B1a	600/2929/8	City & Guilds	59	266	
B1b	600/3022/7	SQA	59	266	
B1c	600/3078/1	AIM Awards	59	266	

Notes on competence and knowledge qualifications (if any)

The Level 3 Diploma in Gem Setting contains a combination of mandatory and optional units. This qualification has been developed in response to employer demand which gives a strong grounding in Gem Setting .

The units within the qualification include 10 credits worth of knowledge coverage. The competence and technical knowledge will be assessed separately.

Total credit value of mandatory knowledge units is 13

Total credit value of mandatory competency units is 53

These units are based on National Occupational Standards in jewellery manufacturing, silversmithing and allied trades developed by Creative & Cultural Skills in 2010.

Transferable skills (Wales)

Essential skills (Wales)

	Minimum level	Credit value
Communication	2	6
Application of numbers	2	6
IT	2	6

Progression routes into and from this pathway

Progression into the Level 3 Apprenticeship in Jewellery, Silversmithing and Allied Trades (Gem Setting)

This will be from a variety of routes including:

- Level 2 Apprenticeship in Jewellery, Silversmithing and Allied Trades (Jewellery Manufacturing)
- Level 2 Diploma in Jewellery Manufacturing
- (14 – 19) Creative & Media Diploma
- Work or work experience - including a portfolio of evidence
- General or vocational qualifications related to or relevant for the creative and cultural industries

Progression from the Level 3 Apprenticeship in Jewellery, Silversmithing and Allied Trades (Gem Setting)

- Other vocational qualifications related to or relevant for the creative and manufacturing industries
- Non Accredited Programmes and Continuing Professional Development or Training

Jobs

Specific roles which would lead on from completion of this framework include:

- Diamond and Precious Stone Setter

And with further development and training potential jobs might include:

Silversmith, Smallworker, Modelmaker, Silver Spinner, Chaser, Diamond and Precious Stone Setter (Level 4), Polisher, Polisher/Finisher, Hand Engraver, Machine Engraver, Manufacturing Jeweller, Jeweller, Mounter, Diamond Mounter, Modelmaker, Goldsmith, Caster, CAD Technician, CAD Designer, Enameller, Metal Refiner, Material suppliers; including Precious and Non-precious Stone Suppliers, Tool Suppliers, Display and Exhibition Suppliers, Jewellery Designer, Auctioneer / Valuation, Buyer for Accessories,

FE/HE

For those who wish to continue their development of skills and qualifications beyond Level 3, opportunities may exist to undertake higher level qualifications such as:

- Degrees in Jewellery, 3D, Silversmithing or associated areas like Design
- Other qualifications relevant to jewellery e.g. art and design
- Foundation Degrees in art and design, creative and cultural
- General or vocational qualifications related to or relevant for the creative and cultural industries

For further information about careers in the creative and cultural industries visit:
<http://www.creative-choices.co.uk/>

UCAS points for this pathway:

(no information)

Delivery and assessment of employee rights and responsibilities

Delivery and assessment of ERR

All Apprentices MUST receive an induction to the workplace and to the apprenticeship programme.

ERR will be covered through an ERR workbook which will ensure that the apprentice knows and understands each of the nine national outcomes for ERR as follows:

1. The range of employer and employee statutory rights and responsibilities under employment law and that employment rights can be affected by other legislation as well. This should cover the apprentice's rights and responsibilities under the Disability Discrimination Act, other relevant equalities legislation and health and safety, together with the duties of employers.
2. Procedures and documentation which recognises and protects their relationship with their employer, including health and safety and equality and diversity training as part of the apprenticeship.
3. The range of sources and information and advice available to them on their employment rights and responsibilities, including Access to Work and Additional Learning Support.
4. The role played by their occupation in their organisation and industry.
5. Has an informed view of the types of career pathways that are open to them.
6. The types of representative bodies and understands their relevance to their industry and organisation and the main roles and responsibilities.
7. Where and how to get information and advice on their industry, occupation, training and career.
8. Can describe and work within their organisation's principles and codes of practice.
9. Can recognise and form a view on issues of public concern that affect their organisation and industry.

The ERR workbook can be downloaded from

<http://ccskills.org.uk/Apprenticeships/Trainingproviders/tabid/771/Default.aspx>

Recognition of ERR

When applying for an apprenticeship completion certificate, the ERR sign off sheet (found at the back of the ERR workbook) must be submitted to Creative & Cultural Skills.

The remaining sections apply to all levels and pathways within this framework.

How equality and diversity will be met

The jewellery industry exhibits similar characteristics to other creative and cultural sectors in relation to equality and diversity issues.

Although the figures vary by region, overall the creative and cultural sector is predominantly white (93%), nearly half of the workforce is under 40 years of age, male and female representation is 60/40% and around 13% have a disability. Likely reasons for these imbalances are:

- A lack of identifiable career progression routes in the industry to date and a tendency within the sector for new recruits to start on no or low wages for up to two years in some instances means that opportunities for people from disadvantaged socio-economic backgrounds can be limited;
- The industry has a history of graduate entry which might deter those without a Degree from applying;
- The history of graduate entry means that those recruiting may automatically seek graduates even for entry level roles and this is the culture of graduate bias during recruitment we hope will begin to be addressed by this framework;

In order to counteract some of these issues, awareness of careers in jewellery, silversmithing and allied trades and other creative and cultural sectors is being raised through;

- Actively challenging the culture of unpaid work experience which dominates the creative and cultural industries and creating better choices for more people. Creative Apprenticeships were a brand new alternative route into the creative industries, one based on ability and potential rather than academic track record or social background and contacts. We built a ground swell of support through targeted engagement and campaigning activity in order to demonstrate how apprenticeships could work for learners and employers alike;
- Creative Choices careers website offers careers information and advice, listings for training, case studies about working in the industry, access to networks and mentoring
<http://www.creative-choices.co.uk/>;
- We worked with employers to raise awareness of apprenticeships in the creative and cultural sector and set up the Apprenticeship Training Service (ATS) to simplify the Apprentice recruitment process. This diversifies the types of employers involved by encouraging small and medium businesses therefore extending the reach of the programme. For more information visit <http://nsa-ccskills.co.uk/apprenticeship-training-service>;

Apprenticeships are seen as a vital route to encourage and facilitate, a greater diversity of individuals into the industry in order to challenge graduate bias at the point of entry. Entry conditions to this framework, therefore, are extremely flexible and mentoring has been included to offer additional support and increase the chances of apprentices successfully completing the framework;

Training providers and employers **MUST** comply with the Equality Act 2010 to ensure that applicants are not discriminated against in terms of entry to and promotion within, the Industry, using the protected characteristics of :

1. Age
2. Disability
3. Gender
4. Gender reassignment
5. Marriage and civil partnerships
6. Pregnancy and maternity
7. Race
8. Religion and Belief
9. Sexual orientation

Download the Guidance on the Equality Act 2010 here:

<http://www.equalityhumanrights.com/advice-and-guidance/new-equality-act-guidance/>.

Creative & Cultural Skills will monitor take up and achievement of all Apprenticeships through its employer led Qualifications and Apprenticeships Group and take steps to address any barriers to take up and achievement as part of our Sector Qualifications Strategy.

On and off the job training (Wales)

Summary of on- and off-the-job training

LEVEL 2 (the average time to complete the Level 2 is 15 months)

Pathway 1 (Jewellery Manufacturing) Total GLH is 642

LEVEL 3 (the average time to complete the Level 3 is 18 months)

Pathway 1 (Jewellery Manufacturing) Total GLH is 631

Pathway 2 (Silversmithing) Total GLH is 692

Pathway 3 (Precious Metal CAD/CAM) Total GLH is 543

Pathway 4 (Enamelling) Total GLH is 457

Pathway 5 (Engraving) Total GLH is 573

Pathway 6 (Precious Metal Polishing & Finishing) Total GLH is 437

Pathway 7 (Gem Setting) Total GLH is 502

Off-the-job training

OFF THE JOB GLH:

LEVEL 2: Pathway 1 (Jewellery Manufacturing) Total off the job GLH is 288

LEVEL 3: Pathway 1 (Jewellery Manufacturing) Total off the job GLH is 192

LEVEL 3: Pathway 2 (Silversmithing) Total off the job GLH is 221

LEVEL 3: Pathway 3 (Precious Metal CAD/CAM) Total off the job GLH is 161

LEVEL 3: Pathway 4 (Enamelling) Total off the job GLH is 97

LEVEL 3: Pathway 5 (Engraving) Total GLH is 128

LEVEL 3: Pathway 6 (Precious Metal Polishing & Finishing) Total GLH is 96

LEVEL 3: Pathway 7 (Gem Setting) Total GLH is 374

How this requirement will be met

Off the job GLH should:

- achieve clear and specific outcomes which contribute directly to the successful achievement of the framework and this may include accredited and non-accredited elements of the framework;
- be planned, reviewed and evaluated jointly between the apprentice and a tutor, teacher, mentor or manager; allow access as and when required by the apprentice either to a tutor, teacher, mentor or manager;
- be delivered during contracted working hours;
- be delivered through a range of delivery models including one or more of the following methods: individual and group teaching; e-learning; distance learning; induction (see ERR section) coaching; mentoring; feedback and assessment; collaborative/networked learning with peers; guided study.
- providers can select the best method for recording and evidencing off the job GLH and mentoring which may be done through a log book or reflective diary.
- be focused on outcomes as apprenticeships are not time served, therefore the average length of stay is indicative only.

How this requirement will be met:

Level 2 - Pathway 1 (Jewellery Manufacturing)

- 129 GLH of knowledge from the Diploma in Jewellery Manufacturing
- 135 GLH for the three Functional Skills
- 45 GLH/hours for ERR and induction
- 45 GLH/hours for mentoring Apprentices

Level 3 - Pathway 1 (Jewellery Manufacturing)

- 214 GLH of knowledge from the Diploma in Jewellery Manufacturing
- 135 GLH for the three Functional Skills
- 45 GLH/hours for ERR and induction
- 45 GLH/hours for mentoring Apprentices

Level 3 - Pathway 2 (Silversmithing)

- 246 GLH of knowledge from the Diploma in Silversmithing
- 135 GLH for the three Functional Skills
- 45 GLH/hours for ERR and induction
- 45 GLH/hours for mentoring Apprentices

Level 3 - Pathway 3 (Precious Metal CAD/CAM)

- 148 GLH of knowledge from the Diploma in Precious Metal CAD/CAM

- 135 GLH for the three Functional Skills
- 45 GLH/hours for ERR and induction
- 45 GLH/hours for mentoring Apprentices

Level 3 - Pathway 4 (Enamelling)

- 135 GLH of knowledge from the Diploma in Precious Metal Enamelling
- 135 GLH for the three Functional Skills
- 45 GLH/hours for ERR and induction
- 45 GLH/hours for mentoring Apprentices

Level 3 - Pathway 5 (Engraving)

- 220 GLH of knowledge from the Diploma in Precious Metal Engraving
- 135 GLH for the three Functional Skills
- 45 GLH/hours for ERR and induction
- 45 GLH/hours for mentoring Apprentices

Level 3 - Pathway 6 (Precious Metal Polishing & Finishing)

- 116 GLH of knowledge from the Diploma in Precious Metal Polishing & Finishing
- 135 GLH for the three Functional Skills
- 45 GLH/hours for ERR and induction
- 45 GLH/hours for mentoring Apprentices

Level 3 - Pathway 7 (Gem Setting)

- 149 GLH of knowledge from the Diploma in Gem Setting
- 135 GLH for the three Functional Skills
- 45 GLH/hours for ERR and induction
- 45 GLH/hours for mentoring Apprentices

On-the-job training

LEVEL 2: Pathway 1 Total on-the-job GLH is 288

LEVEL 3: Pathway 1 Total on-the-job GLH is 192

LEVEL 3: Pathway 2 Total on-the-job GLH is 221

LEVEL 3: Pathway 3 Total on-the-job GLH is 161

LEVEL 3: Pathway 4 Total on-the-job GLH is 97

LEVEL 3: Pathway 5 Total on-the-job GLH is 128

LEVEL 3: Pathway 6 Total on-the-job GLH is 96

LEVEL 3: Pathway 7 Total on the-job GLH is 128

How this requirement will be met

On the job GLH should:

- achieve clear and specific outcomes which contribute directly to the successful achievement of the framework and this may include accredited and non-accredited elements of the framework;
- be planned, reviewed and evaluated jointly between the apprentice and a tutor, teacher, mentor or manager; allow access as and when required by the apprentice either to a tutor, teacher, mentor or manager;
- be delivered during contracted working hours;
- be delivered through a range of delivery models including one or more of the following methods: individual and group teaching; e-learning; distance learning; induction (see ERR section) coaching; mentoring; feedback and assessment; collaborative/networked learning with peers; guided study.
- be focused on outcomes as apprenticeships are not time served, therefore, the average length of stay is indicative only providers can select the best method for recording and evidencing PLTS, on the job GLH and mentoring which may be done through a log book or reflective diary.

Evidence for on the job GLH will include:

LEVEL 2 FOUNDATION APPRENTICESHIP

- Level 2 Diploma in Jewellery Manufacturing

LEVEL 3 APPRENTICESHIP

- Level 3 Diploma in Jewellery Manufacturing
- Level 3 Diploma in Silversmithing
- Level 3 Diploma in Precious Metal CAD/CAM
- Level 3 Diploma in Precious Metal Enamelling
- Level 3 Diploma in Precious Metal Engraving
- Level 3 Diploma in Polishing & Finishing
- Level 3 Diploma in Gem Setting

Wider key skills assessment and recognition (Wales)

Improving own learning and performance

Whilst employers consulted did not feel that this Wider Key Skill should be mandatory, the evidence for achievement of these Skills would naturally occur as part of the achievement of the competence, knowledge and Essential Skills Wales qualifications. Providers are encouraged to introduce these Wider Key Skills as part of induction so that apprentices learn to recognise when they are achieving these Skills and can claim these at a future date if they wish. Creative & Cultural Skills has mapped this Wider Key Skill against the mandatory competence and knowledge units and the map can be downloaded from <http://ccskills.org.uk/Apprenticeships/Trainingproviders/tabid/771/Default.aspx>

Working with others

Whilst employers consulted did not feel that this Wider Key Skill should be mandatory, the evidence for achievement of these Skills would naturally occur as part of the achievement of the competence, knowledge and Essential Skills Wales qualifications. Providers are encouraged to introduce these Wider Key Skills as part of induction so that apprentices learn to recognise when they are achieving these Skills and can claim these at a future date if they wish. Creative & Cultural Skills has mapped this Wider Key Skill against the mandatory competence and knowledge units and the map can be downloaded from <http://ccskills.org.uk/Apprenticeships/Trainingproviders/tabid/771/Default.aspx>

Problem solving

Whilst employers consulted did not feel that this Wider Key Skill should be mandatory, the evidence for achievement of these Skills would naturally occur as part of the achievement of the competence, knowledge and Essential Skills Wales qualifications. Providers are encouraged to introduce these Wider Key Skills as part of induction so that apprentices learn to recognise when they are achieving these Skills and can claim these at a future date if they wish. Creative & Cultural Skills has mapped this Wider Key Skill against the mandatory competence and knowledge units and the map can be downloaded from <http://ccskills.org.uk/Apprenticeships/Trainingproviders/tabid/771/Default.aspx>

Additional employer requirements

None

apprenticeship
FRAMEWORKS ONLINE

For more information visit
www.afo.sscalliance.org