

SVQ 4 Jewellery and Silverware Manufacturing at SCQF Level 8

Core Skills Mapping

Unit Ref	Unit Title	SCQF Level	Communication			Numeracy				Information & Communication Technology				Problem Solving			Working with others	
			Reading & Understanding	Written	Speaking & listening	Using Numbers	Measuring	use graphical forma to find out information	use graphical forma to communicate information	Perform ICT Operations	Processing Information	Finding Information	Keeping Information Safe	Investigating	Planning & Solving	Checking & Evaluating	Work Co-operatively with other	Checking & Evaluating
Mandatory Units All Pathways																		
J4.1	Prepare and maintain the general workshop environment	8	5	/	5	/	/	/	/	/	/	/	5	5	5	5	5	5
J4.2	Research, develop and produce drawn plans for precious products	8	5	5	5	4	5	5	5	5	5	5	5	5	5	5	5	5
J4.3	Apply your advanced knowledge of metallurgy to jewellery or silversmithing work	8	6	/	6	5	6	/	/	/	/	/	6	6	6	5	5	5
Mandatory Units Route A																		
J4.4	Form jewellery components using advanced techniques	7	5	/	5	4	5	5	/	/	/	/	5	5	5	5	5	5
J4.5	Join jewellery components using advanced techniques	7	5	/	5	4	5	5	/	/	/	/	5	5	5	5	5	5
J4.11	Produce polished and finished jewellery or silverware items using advanced techniques	8	5	/	5	4	5	5	/	/	/	/	6	6	6	5	5	5
J4.19	Carry out repairs and restoration to jewellery or silverware	8	5	/	5	4	5	5	/	/	/	/	5	5	5	5	5	5
Optional Units Route A																		
J4.9	Produce rubber moulds for complicated castings	8	5	/	5	4	5	5	/	/	/	/	5	5	5	5	5	5
J4.10	Produce advanced components by wax casting	8	5	/	5	4	5	5	/	/	/	/	5	5	5	5	5	5
J4.12	Produce advanced CAD/CAM jewellery or silverware designs and prototypes	8	6	/	6	5	5	5	6	6	6	6	6	6	6	5	5	5
J4.13	Produce engraved surfaces using advanced techniques	8	5	/	5	4	5	5	/	/	/	/	5	5	5	5	5	5
J4.15	Produce enamelled surfaces using advanced techniques	8	5	/	5	4	5	5	/	/	/	/	5	5	5	5	5	5
J4.16	Produce tools for the jewellery and silversmithing industry	7	5	/	5	4	5	5	/	/	/	/	5	5	5	5	5	5
J4.17	Set gemstones using advanced setting techniques	8	6	/	6	4	6	5	/	/	/	/	5	6	5	5	5	5
J4.18	Plate and electroform jewellery or silverware	8	5	/	5	4	5	5	/	/	/	/	5	5	5	5	5	5
Mandatory Units Route B																		
J4.6	Form silverware components using advanced techniques	7	5	/	5	4	5	5	/	/	/	/	5	5	5	5	5	5
J4.7	Join silverware components using advanced techniques	8	5	/	5	4	5	5	/	/	/	/	5	5	5	5	5	5
J4.8	Produce spun products using advanced techniques	8	6	/	6	4	6	5	/	/	/	/	6	6	6	5	5	5
Optional Units Route B																		
J4.9	Produce rubber moulds for complicated castings	8	5	/	5	4	5	5	/	/	/	/	5	5	5	5	5	5
J4.10	Produce advanced components by wax casting	8	5	/	5	4	5	5	/	/	/	/	5	5	5	5	5	5
J4.11	Produce polished and finished jewellery or silverware items using advanced techniques	8	5	/	5	4	5	5	/	/	/	/	6	6	6	5	5	5
J4.12	Produce advanced CAD/CAM jewellery or silverware designs and prototypes	8	6	/	6	5	5	5	6	6	6	6	6	6	6	5	5	5
J4.13	Produce engraved surfaces using advanced techniques	8	5	/	5	4	5	5	/	/	/	/	5	5	5	5	5	5

J4.14	Produce chased products using advanced techniques	8	5	/	5	4	5	5	/	/	/	/	/	5	5	5	5	5
J4.15	Produce enamelled surfaces using advanced techniques	8	5	/	5	4	5	5	/	/	/	/	/	5	5	5	5	5
J4.16	Produce tools for the jewellery and silversmithing industry	7	5	/	5	4	5	5	/	/	/	/	/	5	5	5	5	5
J4.17	Set gemstones using advanced setting techniques	8	6	/	6	4	6	5	/	/	/	/	/	6	6	6	5	5
J4.18	Plate and electroform jewellery or silverware	8	5	/	5	4	5	5	/	/	/	/	/	5	5	5	5	5
J4.19	Carry out repairs and restoration to jewellery or silverware	8	5	/	5	4	5	5	/	/	/	/	/	5	5	5	5	5