

**Learner Unit Achievement Checklist**

**SEG Awards Level 3 Award in Fashion and Textiles (Garment Technology)**

**500/4451/5**

###### SEG Awards ABC Level 3 Award in Fashion and Textiles (Garment Technology)

## Centre Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Learner Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Notes to learners – this checklist is to be completed, to show that you have met all the mandatory and required optional units for the qualification.

**J/501/8020 Introduction to pattern technology for garment technologists (CAD)**

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| Assessment Criteria | Evidence (Brief description/title) | Portfolio Reference | Date Completed | Comment |
| **1.1** Utilise CAD/CAM technology and manual pattern cutting techniques  **1.2** Create skirt, trouser and bodice patterns with the use of appropriate programmes.  **1.3** Evidence appropriate technical information using relevant equipment, techniques and methods for example:  • Balance marks/notches  • Drill holes  • Seam allowance  • Grain line  • Component name  **1.4** Assemble individual pattern pieces in to cohesive garment mode |  |  |  |  |
| **2.1** Evaluate outcomes against pattern and garment requirements |  |  |  |  |
| **3.1** Utilise CAD/CAM technology and manual lay planning techniques for:  • Laying up  • Meeting production requirements  • Costings  • Maximising utilisation  **3.2** Analyse lay planning techniques for different fabrics  • One way  • Checks  • Tubular  • Mixed  • Mark to avoid  • Stretch fabrics |  |  |  |  |

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| **TUTOR COMMENTS:**  **Name: Signature: Date:** |

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**M/501/8027 Introduction to garment technology processes**

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| Assessment Criteria | Evidence (Brief description/title) | Portfolio Reference | Date Completed | Comment |
| **1.1** Identify potential risks to self and others.  **1.2** Record evidence of safe workroom practices related to industrial machinery and equipment  **1.3** Demonstrate safe use of industrial machinery and equipment |  |  |  |  |
| **2.1** Analyse various seam types in the production process  • Overlock  • Twin needle cover seam  • 3/4/5 thread overlock  • Binder  • Ribbing |  |  |  |  |
| **3.1** Classify specialist industrial machinery appropriate to fabric type/finishing  • Overlocker  • Industrial flat beds  • Twin needle cover seam  • Press  **3.2** Construct seam samples to industry standards including pressing and finishing |  |  |  |  |
| **4.1** Evaluate garment components:  • Type  • Number  • Suitability  • Grain line  • Component name  **4.2** Develop an order of assembly for garment manufacture |  |  |  |  |
| **5.1** Manufacture a garment to industry standard in the order of assembly requirements |  |  |  |  |
| **6.1** Review and revise manufactured garment for issues in relation to design / pattern / order of assembly  **6.2** Diagnose garment issues in relation to design / pattern / order of assembly  **6.3** Summarise garment issues in relation to design / pattern / order of assembly |  |  |  |  |

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**T/501/8028 Garment review process**

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| Assessment Criteria | Evidence (Brief description/title) | Portfolio Reference | Date Completed | Comment |
| **1.1** Manage and participate in formal fitting sessions in relation to specific industry roles  **1.2** Review a manufactured garment for issues in relation to design / pattern / order of assembly  **1.3** Diagnose garment issues in relation to design / pattern / order of assembly  **1.4** Summarise garment issues in relation to design / pattern / order of assembly |  |  |  |  |
| **2.1** Record feedback and actions of examined garments in relation to specific industry roles |  |  |  |  |
| **3.1** Rectify make and fit issues whilst considering garment style and cost implications  **3.2** Develop and produce a garment production specification including:  • Working drawing  • Graded size chart / Tolerances  • Trimmings / cut sizes  • Threads  • Fabrics  **3.3** Revise and produce a final order of assembly for production |  |  |  |  |

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**F/501/8050 Garment production techniques**

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| Assessment Criteria | Evidence (Brief description/title) | Portfolio Reference | Date Completed | Comment |
| **1.1** Identify potential risks to self and others.  **1.2** Record evidence of safe workroom practices related to industrial machinery and equipment  **1.3** Demonstrate safe use of industrial machinery and equipment |  |  |  |  |
| **2.1** Analyse various fabric/trimming types prior to production process  • Function  • Properties  • Handling  • Performance  • Aesthetics |  |  |  |  |
| **3.1** Analyse and interpret specification sheets  **3.2** Analyse and interpret an order of assembly  **3.3** Analyse and interpret working drawings into realisation |  |  |  |  |
| **4.1** Classify specialist industrial machinery appropriate to fabric type/finishing  • Overlocker  • Industrial flat beds  • Twin needle cover seam  • Press  • Button-hole  • Bar Tack  **4.2** Construct component samples to industry standards  • Collar  • Cuff  • Placket  • Waistband  • Fastenings |  |  |  |  |
| **5.1** Apply efficient, sequential operations to industry standards to produce 2 technically correct garments  • Working within time allocated  • Maintaining cost effective production  • Addressing cloth/garment faults in the production process  • Working to correct seam allowancesSelecting correct stitch type |  |  |  |  |

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**L/501/8018 Quality testing materials in the fashion industry**

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| Assessment Criteria | Evidence (Brief description/title) | Portfolio Reference | Date Completed | Comment |
| **1.1** Appraise material types in relation to appropriate end use  **1.2** Determine appropriate tests to confirm suitability for purpose |  |  |  |  |
| **2.1** Determine rationale and criteria for testing specific materials to meet customer needs in accordance with national and international textile testing legislation governing commercial activity  **2.2** Conduct testing processes using appropriate techniques and equipment  **2.3** Record and analyse findings to assess suitability for intended use  **2.4** Explain the purpose of wearer trials |  |  |  |  |
| **3.1** Plan, organise and implement wearer trials addressing:  • Performance  • Wash care  • Garment life span  • Fit customer expectations  • Price  **3.2** Record and analyse findings to assess suitability for intended use  **3.3** Identify a range of garment defects and correctly classify each one using appropriate language and terminology  **3.4** Report findings to the appropriate person/s |  |  |  |  |

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**R/501/8019 Creating virtual samples-draping**

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| Assessment Criteria | Evidence (Brief description/title) | Portfolio Reference | Date Completed | Comment |
| **1.1** Select and prepare suitable product or garment digital images that are fit for use to alter;  • Image resolution  • Brightness, contrast and Hue.  **1.2** Select, scan and save suitable digital images |  |  |  |  |
| **2.1** Identify the context of design systems and software for the purpose of the industry  **2.2** Identify and prepare (scan / store/ edit) appropriate images for developing virtual samples  **2.3** Set up storage areas for target / recipient sample images, texture atlases and colour palettes |  |  |  |  |
| **3.1** Exploit CAD technology to prepare images in sections for ‘mapping’ textures onto a 3-D surface to include:  • sliced masks / selection areas  • texture maps (surface grid / wireframe / 3-D mesh)  • colour palettes and texture atlases  **3.2** Apply colours and / or textures in order to render virtual samples of a range of appropriate products  **3.3** Organise and assemble completed images into a presentation catalogue of designs |  |  |  |  |
| **4.1** Produce generic client layouts for sample images and appropriate data to produce:  • catalogues / client boards / presentations which will include:  • colour/texture swatches, completed virtual design  • appropriate text or data  **4.2** Print and / or electronically send virtual sample catalogues to client |  |  |  |  |

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