

**Learner Unit Achievement Checklist**

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

**500/4451/5**

###### SEG Awards Level 3 Award in Fashion and Textiles (Pattern 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.

**Y/501/7986 Manual lay planning**

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| Assessment Criteria | Evidence (Brief description/title) | Portfolio Reference | Date Completed | Comment |
| **1.1** Utilise manual lay planning techniques for:  • Laying up  • Meeting production requirements  • Costings  • Maximising utilisation |  |  |  |  |
| **2.1** Analyse and compare characteristics of the following fabrics  • One way  • Checks  • Tubular  • Mixed  • Striped  • Stretch fabrics  **2.2** Create lay plans for a minimum of 2 of the fabrics above, considering • Balance marks/notches  • Drill holes  • Seam allowance  • Grain line  • Component name  **2.3** Create a single size lay plan to specification  **2.4** Create a multi size lay plan to specification  **2.5** Compare costings from single size to multi size lay plans and select the most economical version |  |  |  |  |
| **3.1** Plan and place pattern pieces and trace (mark in) demonstrating economical efficiency |  |  |  |  |

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**D/501/7987 Manual grading 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** Demonstrate safe use of industrial machinery and tools |  |  |  |  |
| **2.1** Utilise manual pattern grading techniques  **2.2** Identify the significance of critical body measurement points for grading  **2.3** Select grading methods appropriate to product type, size, fit and proportion |  |  |  |  |
| **3.1** Analyse size specification  **3.2** Apply incremental values (X and Y coordinates)  **3.3** Produce nested grade to size chart measurements  **3.4** Trace off a pattern for 2 sizes above or below the base size. |  |  |  |  |
| **4.1** Ensure accuracy of fit and balance of garment  **4.2** Evidence appropriate technical information using relevant equipment, techniques and methods for example:  • Balance marks/notches  • Drill holes  • Seam allowance  • Grain line  • Component name  • Size |  |  |  |  |

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**Y/501/8037 Manual pattern drafting**

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| Assessment Criteria | Evidence (Brief description/title) | Portfolio Reference | Date Completed | Comment |
| **1.1** Identify and use the requisite measurements for basic blocks  **1.2** Produce an accurate set of skirt, bodice, sleeve and trouser blocks |  |  |  |  |
| **2.1** Select appropriate blocks dependant on style being produced  **2.2** Produce a range of common style adaptations from skirt, bodice, sleeve and trouser blocks |  |  |  |  |
| **3.1** Produce a technical working drawing (flat) for a design  **3.2** Analyse and interpret the instructions and extract relevant information from the working drawing (flat) into a finished pattern |  |  |  |  |
| **4.1** Produce a finished pattern to a given design  **4.2** Evidence appropriate technical information using relevant equipment, techniques and methods for example:  • Balance marks/notches  • Drill holes  • Seam allowance  • Grain line  • Component name |  |  |  |  |

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**T/501/8000 CAD lay planning**

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| Assessment Criteria | Evidence (Brief description/title) | Portfolio Reference | Date Completed | Comment |
| **1.1** Utilise CAD/CAM technology and manual lay planning techniques for:  • Laying up  • Meeting production requirements  • Costings  • Maximising utilisation |  |  |  |  |
| **2.1** Create a single size lay plan to specification  **2.2** Create a multi size lay plan to specification  **2.3** Compare costings from single size to multi size lay plans  **2.4** Adapt lay plans for different fabrics  • One way  • Checks  • Tubular  • Mixed  • Mark to avoid  • Stretch fabrics |  |  |  |  |
| **3.1** Set parameters for plotting  **3.2** Select format required:  • Single  • Double  • Size  **3.3** Plot lay plan using an appropriate scale (e.g. quarter/fifth/full) |  |  |  |  |

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**F/501/8002 CAD grading**

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| Assessment Criteria | Evidence (Brief description/title) | Portfolio Reference | Date Completed | Comment |
| **1.1** Utilise CAD/CAM technology and manual pattern grading techniques  **1.2** Identify the significance of critical body measurement points for grading  **1.3** Select grading methods appropriate to product type, size, fit and proportion |  |  |  |  |
| **2.1** Analyse size specification  **2.2** Apply incremental values (X and Y coordinates)  **2.3** Produce graded patterns to size chart measurements  **2.4** Ensure accuracy of fit and balance of garment |  |  |  |  |
| **3.1** Set parameters for plotting  **3.2** Select format required:  • Garment  • Pattern pieces (single)  • Size  **3.3** Plot patterns/garment to check for accuracy and fit  **3.4** Assemble individual graded pattern pieces in to cohesive garment mode |  |  |  |  |

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**H/501/8008 Advanced pattern cutting technology**

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| Assessment Criteria | Evidence (Brief description/title) | Portfolio Reference | Date Completed | Comment |
| **1.1** Identify fabrics for pattern cutting development  **1.2** Apply body measurements in relation to stretch fabrics |  |  |  |  |
| **2.1** Identify possibilities and limitations in the use of stretch fabrics  **2.2** Asses fabric performance by draping/modelling on the stand  **2.3** Analyse specialist finishing techniques and machinery |  |  |  |  |
| **3.1** Adapt standard blocks for the use of stretch fabric taking into account:  • Tolerance  • Ease  • Drafting  • Complex style lines |  |  |  |  |
| **4.1** Apply industrial production methods and techniques to create final pattern  **4.2** Evidence appropriate technical information using relevant equipment, techniques and methods for example:  • Balance marks/notches  • Drill holes  • Seam allowance  • Grain line  • Component name |  |  |  |  |

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**K/501/8009 Computer aided pattern development**

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| Assessment Criteria | Evidence (Brief description/title) | Portfolio Reference | Date Completed | Comment |
| **1.1** Identify systems and software, for the purpose of industry context  **1.2** Setup storage areas for individual patterns pieces/finished garment  **1.3** Digitise block patterns |  |  |  |  |
| **2.1** Utilise CAD/CAM technology and manual pattern cutting techniques  **2.2** Create skirt, trouser and bodice patterns with the use of appropriate programmes.  **2.3** Evidence appropriate technical information using relevant equipment, techniques and methods for example:  • Balance marks/notches  • Drill holes  • Seam allowance  • Grain line  • Component name  **2.4** Assemble individual pattern pieces into cohesive garment mode |  |  |  |  |
| **3.1** Set parameters for plotting (e.g. quarter/fifth/full)  **3.2** Select format required:  • Garment  • Pattern pieces (single)  **3.3** Plot patterns/garment to check for accuracy and fit |  |  |  |  |

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**D/501/8010 Producing patterns by modelling**

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| Assessment Criteria | Evidence (Brief description/title) | Portfolio Reference | Date Completed | Comment |
| **1.1** Follow safe working practices in a workroom  **1.2** Use workroom equipment safely |  |  |  |  |
| **2.1** Identify body measurement locations on a dress stand  **2.2** Tape appropriate locations on a dress stand |  |  |  |  |
| **3.1** Model a basic bodice and skirt block (back and front) in calico on the prepared workroom stand  **3.2** Incorporate the appropriate ease in blocks  **3.3** Incorporate appropriate darts |  |  |  |  |
| **4.1** . Select an appropriate style to at least hip length for modelling  **4.2** . Select a suitable fabric to model the toile |  |  |  |  |
| **5.1** . Model a toile on a workroom stand, identifying grain lines |  |  |  |  |
| **6.1** Present modelled toile with:  • a list of measurements (body or workroom stand)  • a sketch of the design  • photographic evidence if possible |  |  |  |  |
| **7.1** Demonstrate how to take a pattern from a finished garment |  |  |  |  |

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