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| Title | **Perform pattern grading for garment production** |
| Level | **2** | **Credits** | **35** |

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| Purpose | This competency standard has been developed to provide understanding of grading for production which includes adjustment of various sizes to meet technical pack requirements. |

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| Classification ISCED | 0212 Fashion, interior and industrial design |

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| Available grade | Competent / Not yet competent |

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| Modification history | N/A |

| **Competency Unit** | **Performance Criteria** | **Knowledge and Understanding** |
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| **D1 – Trace off basic pattern for grading** | * **Trainee will be able to:**
* **P1** – Identify grading requirements from garment design’s spec sheet
* **P2** – Check traced basic pattern is in accordance with medium size requirements of technical specs

  **P3** - Trace off basic pattern on pattern sheet using required tools | * **Trainee will be able to:**
* **K1** – Explain spec sheet
* **K2** – Describe required sizes and their differentiation
* **K3** – Describe tracing techniques and use of required tools
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| **D2 - Mark grade points using formula** | **Trainee will be able to:*** **P1** - Identify grading requirements
* **P2** - Apply basic grading formula
* **P3** - Identify grade points by lines
* **P4** – Explain curves as per grading
* **P5** – Calculate measurement difference as per requirement

 **P6** – Apply calculated or measured differences correctly | **Trainee will be able to:*** **K1** – Explain grading formula and its application
* **K2** – Explain measured horizontal and vertical differences as per industry standards
* **K3** - Describe grade points

 **K4** – List tools as required **K5** – Relate lines/curves  |
| **D3 – Complete final patterns from grading** | **Trainee will be able to:*** **P1** – Complete final pattern grading
* **P2** – Add required margins and seam allowances
 | **Trainee will be able to:*** **K1** – Describe curves, seam, washing and elasticity allowances and their importance for grading.
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| **D4 – Review shapes and specs of all patterns** | **Trainee will be able to:*** **P1** – Identify shapes and specs
* **P2** – Analyse shapes and specs
* **P3** – Apply changes in shapes and specs where required
* **P4** – Follow safe work practices when grading for production
 | **Trainee will be able to:*** **K1** – Understand relationship between final shapes and specs, and required pattern

 **K2** – Describe any changes required to prepare final pattern |