

Specification of Competency Standards
for the Fashion Industry
Unit of Competency

Functional Area - Material Development

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| Title | Monitor development of material prototypes |
| Code | 110276L4 |
| Range | Monitor the progress of making new material prototypes. This applies to individuals who are required to control the process of prototyping that can meet the planned schedule and specifications for the new material. |
| Level | 4 |
| Credit | 3 |
| Competency | <p>Performance Requirements</p> <p>1. Knowledge in the subject area</p> <p style="padding-left: 40px;">Be able to</p> <ul style="list-style-type: none"> • outline the process of making material prototypes • identify key checkpoints in the material prototype development process for monitoring purpose • possess the knowledge of common problems and barriers in the prototyping process • apply problem-solving skills for rectifying off-track situations of material prototype development (e.g. delay) <p>2. Application and process</p> <p style="padding-left: 40px;">Be able to</p> <ul style="list-style-type: none"> • identify the specifications of the new material and schedule plan for making prototypes • set the checkpoints in the development process to track the progress of making material prototypes • collect and analyse data at each checkpoint for evaluating the progress • identify problems and barriers that affect the progress of making prototypes • consult with related parties for solutions, or making adjustments to the schedule when problems arise <p>3. Exhibit professionalism</p> <p style="padding-left: 40px;">Be able to</p> <ul style="list-style-type: none"> • identify off-track signals that may jeopardise the prototype development process • demonstrate a full understanding of the new material prototyping process and set checkpoints sensibly for monitoring purpose |
| Assessment Criteria | <p>The integrated outcome requirements of this UoC are the abilities to accomplish:</p> <ul style="list-style-type: none"> • Monitoring the process of prototyping to ensure that it can meet the planned schedule and specifications for the new material. |
| Remark | |