

**Specification of Competency Standards**  
**for the Fashion Industry**  
**Unit of Competency**

Functional Area - Production Planning and Control

Title	Formulate a capacity requirements plan
Code	110283L5
Range	Formulate a capacity requirements plan to guide the capacity decisions which would align with the material requirements plan. This applies to individuals who are required to plan for the capacity requirements to ensure sufficient capacity is available for manufacturing fashion products in the planned schedule.
Level	5
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"> <li>• appraise the role and functions of capacity requirements plan (CRP) in fashion manufacturing</li> <li>• critically evaluate the key elements of capacity requirements planning (e.g. number of labour and machines, standard production time)</li> <li>• examine the organisational policy in relation to the production capacity (e.g. overtime policy, number of working hours per day)</li> <li>• appraise the use of capacity cushion commonly required for fashion manufacturing</li> <li>• state the common approaches for closing the capacity gap in fashion manufacturing</li> <li>• apply a range of specialised techniques and tools for calculating capacity requirements</li> </ul> <p>2. Application and process</p> <p style="padding-left: 40px;">Be able to</p> <ul style="list-style-type: none"> <li>• examine the order information and planned schedule for the production</li> <li>• determine the required capacity for fulfilling the orders in a production unit</li> <li>• analyse the required and available capacities of the production unit to identify the capacity gap</li> <li>• develop options to close the capacity gap (e.g. asking for orders, working overtime)</li> <li>• determine sufficient capacity cushion that has to be in place for mitigating impacts of inefficacy and uncertainty (e.g. absenteeism, machine breakdown)</li> <li>• develop a CRP with consideration of the required capacity, capacity cushion and the proposed options</li> <li>• communicate and disseminate the CRP to related parties for feedback and make adjustments when necessary</li> <li>• set criteria for evaluating the effectiveness of CRP</li> </ul> <p>3. Exhibit professionalism</p> <p style="padding-left: 40px;">Be able to</p> <ul style="list-style-type: none"> <li>• identify the available capacity of a production unit by critically evaluating the production resources in terms of manpower and machines as well as the known constraints (e.g. policy)</li> <li>• keep track of the changes in production and update the capacity requirements accordingly</li> </ul>
Assessment Criteria	<p>The integrated outcome requirements of this UoC are the abilities to accomplish:</p> <ul style="list-style-type: none"> <li>• Formulation of a capacity requirements plan to ensure sufficient capacity is available for manufacturing fashion products in the planned schedule.</li> </ul>

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Remark	
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