# Clustered Assessment Mapping (for streamlined units from new Training Packages)

*This document is used to demonstrate content validity of the assessment tool*

Table 1 Main details

| Details | Unique description |
| --- | --- |
| **Name of the cluster** | Design Cabinets |
| **Unit Code, name and release number** | MSFKB3010 - Detail cabinet construction requirements (1)  MSFKB4011 - Design ancillary residential cabinetry (1) |
| **Skills Team** |  |
| **Region/Campus** |  |
| **SkillsPoint (owned by)** | Innovative Manufacturing, Robotics and Science |

## Notes:

* *Event columns can be added or deleted as required. The event columns MUST represent the name of the template you are using e.g. Knowledge, Skills, Project, Case Study etc. and the number of the unit. It should not be named after the method of assessment used in the template.*
* *Rows for elements and performance criteria, etc. can be added or deleted as required. You will need to adjust these by adding or deleting depending on the number of units your cluster is incorporating*
* *Each component of the units must be mapped to at least* ***one assessment criteria*** *or* ***question*** *in one or more assessment events*
* *Do NOT delete the section labelled Foundation Skills. If the Foundation skills ARE EXPLICIT in the performance criteria, they do not need to be listed. However, if the Foundation skills ARE NOT incorporated in the performance criteria they must be listed and mapped.*
* *Dimensions of Competency must be considered when selecting assessment types to ensure that the range of tasks you have chosen cover the following:*
  + *Task Skills*
  + *Task Management Skills*
  + *Contingency Planning Skills*
  + *Job Role Environment Skills*
* *Assessment Conditions must be noted and incorporated in the development of your assessments to ensure you have met the requirements of the units. This will also inform how the assessments are to be administered to the student and in what context.*

## Unit component mapping to assessment event/s

Table 2 Unit component mapping to assessment event/s

| Element number | Element name | Performance criteria number | Performance criteria description | Learning resources | Knowledge Assessment | Project Assessment |
| --- | --- | --- | --- | --- | --- | --- |
| Unit 1: MSFKB3010 - Detail cabinet construction requirements (1) | | | | | | |
| 1 | Establish cabinet design requirements | 1.1 | Confirm cabinetry requirements through review of documentation or discussion with the client |  | Part 1 Q1 | Part 1 Task 1 Step 1  Part 1 Task 2 Step 1  Part 1 Task 3 Step 1 |
|  |  | 1.2 | Determine design parameters and constraints based on client requirements and review of the site |  | Part 1 Q2 | Part 1 Task 1 Step 2a  Part 1 Task 2 Step 2a  Part 1 Task 3 Step 2a |
|  |  | 1.3 | Take and record accurate site measurements |  | Part 1 Q3 | Part 1 Task 1 Step 3  Part 1 Task 2 Step 3  Part 1 Task 3 Step 3 |
|  |  | 1.4 | Accurately document project requirements |  | Part 1 Q4 | Part 1 Task 1 Step 2a,4a  Part 1 Task 2 Step 2a,4a  Part 1 Task 3 Step 2a,4a |
| 2 | Design cabinet | 2.1 | Develop cabinet design ideas and options based on project requirements and available products and services |  | Part 1 Q5 | Part 1 Task 1 Step 2b  Part 1 Task 2 Step 2b  Part 1 Task 3 Step 2b |
|  |  | 2.2 | Complete drawings that visually represent cabinet design ideas |  | Part 1 Q6 | Part 1 Task 1 Step 1,3,5  Part 1 Task 2 Step 1,3,5  Part 1 Task 3 Step 1,3,5 |
|  |  | 2.3 | Refine options through experimentation and discussion with client |  | Part 1 Q7 | Part 1 Task 1 Step 4b |
|  |  | 2.4 | Confirm and accurately document client preferences |  | Part 1 Q8 | Part 1 Task 1 Step 2a,b  Part 1 Task 2 Step 2a,b  Part 1 Task 3 Step 2a,b |
| 3 | Produce construction documentation | 3.1 | Develop accurate drawing, detailing all required measurements, dimensions and features |  | Part 1 Q9 | Part 1 Task 1 Step 1,3,5  Part 1 Task 2 Step 1,3,5  Part 1 Task 3 Step 1,3,5 |
|  |  | 3.2 | Identify structural features and components that impact the design on documentation using appropriate drawing protocols |  | Part 1 Q10 | Part 1 Task 1 Step 5  Part 1 Task 2 Step 5  Part 1 Task 3 Step 5 |
|  |  | 3.3 | Identify information to inform construction and installation and accurately document |  | Part 1 Q11, 12 | Part 1 Task 1 Step 6a,b  Part 1 Task 2 Step 6a,b  Part 1 Task 3 Step 6a,b |
| Unit 2: MSFKB4011 - Design ancillary residential cabinetry (1) | | | | | | |
| 1 | Determine project requirements | 1.1 | Confirm cabinetry requirements through review of documentation or discussion with the client |  | Part 1 Q1 | Part 1 Task 1 Step 1,4b  Part 1 Task 2 Step 1,4b  Part 1 Task 3 Step 1,4b |
|  |  | 1.2 | Determine design parameters and constraints based on client requirements and review of the site |  | Part 1 Q2 | Part 1 Task 1 Step 2a,b  Part 1 Task 2 Step 2a,b  Part 1 Task 3 Step 2a,b |
|  |  | 1.3 | Take and record accurate site measurements |  | Part 1 Q3 | Part 1 Task 1 Step 3  Part 1 Task 2 Step 3  Part 1 Task 3 Step 3 |
|  |  | 1.4 | Accurately document project requirements |  | Part 1 Q4 | Part 1 Task 1 Step 2a,b  Part 1 Task 2 Step 2a,b  Part 1 Task 3 Step 2a,b |
| 2 | Develop design options | 2.1 | Develop cabinet design ideas and options based on project requirements and available products and services |  | Part 1 Q5 | Part 1 Task 1 Step 2a,b  Part 1 Task 2 Step 2a,b  Part 1 Task 3 Step 2a,b |
|  |  | 2.2 | Complete drawings that visually represent cabinet design ideas |  | Part 1 Q6 | Part 1 Task 1 Step 1,3,5  Part 1 Task 2 Step 1,3,5  Part 1 Task 3 Step 1,3,5 |
|  |  | 2.3 | Refine options through experimentation and discussion with client |  | Part 1 Q7 | Part 1 Task 1 Step 4b |
|  |  | 2.4 | Confirm and accurately document client preferences |  | Part 1 Q8 | Part 1 Task 1 Step 2a,b  Part 1 Task 2 Step 2a,b  Part 1 Task 3 Step 2a,b |
| 3 | Develop design specifications | 3.1 | Develop accurate drawing detailing all required measurements, dimensions and features |  | Part 1 Q9 | Part 1 Task 1 Step 1,3,5  Part 1 Task 2 Step 1,3,5  Part 1 Task 3 Step 1,3,5 |
|  |  | 3.2 | Identify structural features and components that impact the design on documentation using appropriate drawing protocols |  | Part 1 Q10 | Part 1 Task 1 Step 4a, 5  Part 1 Task 2 Step 4a, 5  Part 1 Task 3 Step 4a, 5 |
|  |  | 3.3 | Identify information to inform construction and installation and accurately document on specification |  | Part 1 Q11, 12 | Part 1 Task 1 Step 6a,b  Part 1 Task 2 Step 6a,b  Part 1 Task 3 Step 6a,b |
|  |  | 3.4 | Identify and estimate costs associated with all aspects of design, construction and installation |  | Part 1 Q13 | Part 2 Task 1 Step 7a,b  Part 2 Task 2 Step 7a,b  Part 2 Task 3 Step 7a,b |
|  |  | 3.5 | Present complete design documentation and cost estimate to client in professional format suited to the scope and nature of the project |  | Part 1 Q14 | Part 2 Task 1 Step 8  Part 2 Task 2 Step 8  Part 2 Task 3 Step 8 |

## Foundation skills NOT explicit in the performance criteria

Table 3 Foundation skills NOT explicit in the performance criteria

| Foundation skills | Description | Learning resources | Knowledge Assessment | Project  Assessment |
| --- | --- | --- | --- | --- |
| Unit 1: MSFKB3010 - Detail cabinet construction requirements (1) | | | | |

## Foundation skills NOT explicit in the performance criteria

Table 4 Foundation skills NOT explicit in the performance criteria

| Foundation skills | Description | Learning resources | Knowledge Assessment | Project  Assessment |
| --- | --- | --- | --- | --- |
| Unit 2: MSFKB4011 - Design ancillary residential cabinetry (1) | | | | |
| The foundation skills describe those required skills (such as, language, literacy, numeracy and employment skills) that are essential to performance skills to | FS1. Technology skills to create digital documents and drawings. |  | Part 1 Q6 | Part 1 Task 1 Step 4,5,8  Part 1 Task 2 Step 5,8  Part 1 Task 3 Step 5,8 |

## Performance evidence

Table 5 Performance evidence

| Performance evidence | Description | Learning resources | Knowledge Assessment | Project  Assessment |
| --- | --- | --- | --- | --- |
| Unit 1: MSFKB3010 - Detail cabinet construction requirements (1) | | | | |
|  | There must be evidence the candidate has completed the tasks outlined in the elements and performance criteria of this unit, and: |  |  |  |
| PE1 | Created detailed custom designed cabinet solutions and associated drawings for 3 different sites with varying conditions. |  |  | Part 1 Task 1  Part 1 Task 2  Part 1 Task 3 |

## Performance evidence

Table 6 Performance evidence

| Performance evidence | Description | Learning resources | Knowledge Assessment | Project  Assessment |
| --- | --- | --- | --- | --- |
| Unit 2: MSFKB4011 - Design ancillary residential cabinetry (1) | | | | |
|  | There must be evidence the candidate has completed the tasks outlined in the elements and performance criteria of this unit, and: |  |  |  |
| PE1 | Designed, documented and presented 3 of the following ancillary cabinetry solutions with cost estimates: |  |  | Part 2 Task 1  Part 2 Task 2  Part 2 Task 3 |
| PE1.1 | dressing rooms |  |  | Part 1 Task 3 |
| PE1.2 | entertainment units |  |  | Part 1 Task 1 |
| PE1.3 | home offices |  |  |  |
| PE1.4 | shelving units and/or cupboards |  |  | Part 1 Task 2 |
| PE1.5 | wine cellars |  |  |  |
| PE1.6 | work rooms. |  |  |  |

## Knowledge evidence

Table 7 Knowledge evidence

| Knowledge evidence | Description | Learning resources | Knowledge Assessment | Project  Assessment |
| --- | --- | --- | --- | --- |
| Unit 1: MSFKB3010 - Detail cabinet construction requirements (1) | | | | |
|  | There must be evidence the candidate has knowledge of: |  |  |  |
| KE1 | Mathematical procedures for estimation and measurement |  | Part 1 Q3, 15, 40 |  |
| KE2 | Compliance requirements for cabinetry in relation to: |  |  |  |
| KE2.1 | safety |  | Part 1 Q16 |  |
| KE2.2 | sustainability |  | Part 1 Q17 |  |
| KE3 | Sources of information on cabinetry products, their features and costs |  | Part 1 Q18 |  |
| KE4 | Drawing techniques, including protocols and symbols for detailing of cabinet requirements |  | Part 1 Q19, 20 |  |
| KE5 | Features of cabinets and components used in kitchen and bathroom projects |  | Part 1 Q21 |  |
| KE6 | Current and emerging cabinet construction techniques, their features and limitations, and how these may affect cabinetry design, including: |  |  |  |
| KE6.1 | computer numerical control systems (CNC) |  | Part 1 Q23 |  |
| KE6.2 | computer-aided manufacturing (CAM) |  | Part 1 Q22 |  |
| KE6.3 | custom manufacture principles and processes |  | Part 1 Q24 |  |
| KE7 | Factors that affect cabinet design and installation, including: |  | Part 1 Q25 |  |
| KE7.1 | different methods of installation |  | Part 1 Q25.1 |  |
| KE7.2 | installation requirements of appliances |  | Part 1 Q25.2 |  |
| KE7.3 | moisture and humidity considerations |  | Part 1 Q25.3 |  |
| KE7.4 | waterproofing considerations |  | Part 1 Q25.4 |  |
| KE7.5 | sequence of installation |  | Part 1 Q25.5 |  |
| KE7.6 | design modifications |  | Part 1 Q25.6 |  |
| KE7.7 | services location |  | Part 1 Q25.7 |  |
| KE7.8 | availability of installation expertise |  | Part 1 Q25.8 |  |
| KE7.9 | site constraints |  | Part 1 Q25.9 |  |
| KE8 | Supply chains for kitchen and bathroom components and materials: |  |  |  |
| KE8.1 | ordering |  | Part 1 Q26 |  |
| KE8.2 | delivery. |  | Part 1 Q27 |  |

## Knowledge evidence

Table 8 Knowledge evidence

| Knowledge evidence | Description | Learning resources | Knowledge Assessment | Project  Assessment |
| --- | --- | --- | --- | --- |
| Unit 2: MSFKB4011 - Design ancillary residential cabinetry (1) | | | | |
|  | There must be evidence the candidate has knowledge of: |  |  |  |
| KE1 | Mathematical procedures for estimation and measurement |  | Part 1 Q3, 15, 40 |  |
| KE2 | Compliance requirements for cabinetry in relation to: |  |  |  |
| KE2.1 | safety |  | Part 1 Q16 |  |
| KE2.2 | sustainability |  | Part 1 Q17 |  |
| KE3 | Sources of information on cabinetry products, their features and costs |  | Part 1 Q18 |  |
| KE4 | Types, characteristics, uses and limitations of different types of cabinets: |  | Part 1 Q28 |  |
| KE4.1 | dressing rooms |  | Part 1 Q28.1 |  |
| KE4.2 | entertainment units |  | Part 1 Q28.2 |  |
| KE4.3 | home offices |  | Part 1 Q28.3 |  |
| KE4.4 | shelving units and/or cupboards |  | Part 1 Q28.4 |  |
| KE4.5 | wine cellars |  | Part 1 Q28.5 |  |
| KE4.6 | work rooms |  | Part 1 Q28.6 |  |
| KE5 | Different client requirements and design parameters and how these impact cabinet design |  |  |  |
| KE5.1 | budget |  | Part 1 Q29 |  |
| KE5.2 | colour, style and tone |  | Part 1 Q30 |  |
| KE5.3 | embedded technology |  | Part 1 Q31 |  |
| KE5.4 | quality of finish |  | Part 1 Q32 |  |
| KE5.5 | relationship with other features of the room |  | Part 1 Q33 |  |
| KE5.6 | structural and functional requirements |  | Part 1 Q34 |  |
| KE5.7 | timeline |  | Part 1 Q35 |  |
| KE6 | Options for cabinetry structure, materials and components and their suitability for different applications |  | Part 1 Q36 |  |
| KE7 | Cabinet construction and installation methods and considerations and how these impact the design selection |  | Part 1 Q37 |  |
| KE8 | Sketching and drawing techniques, protocols and symbols |  | Part 1 Q19, 20 |  |
| KE9 | Formats and required inclusions for design specifications |  | Part 1 Q38 |  |
| KE10 | Processes for calculating and documenting cabinetry costs. |  | Part 1 Q39 |  |

## Assessment conditions

Table 9 Assessment conditions

| Assessment conditions | Description |
| --- | --- |
| Unit 1: MSFKB3010 - Detail cabinet construction requirements (1) | |
|  | Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions and contingencies. The following conditions must be met for this unit:  use of suitable facilities, equipment and resources, including:  design briefs  measuring equipment  drawing materials.  Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors. |

## Assessment conditions

Table 10 Assessment conditions

| Assessment conditions | Description |
| --- | --- |
| Unit 2: MSFKB4011 - Design ancillary residential cabinetry (1) | |
|  | Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions and contingencies. The following conditions must be met for this unit:  use of suitable facilities, equipment and resources, including:  design briefs  spaces for cabinetry  measuring equipment  information technology for document creation  manual and computer aided drawing materials.  Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors. |