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| Industrial Technology Skills 2024 v1.0[#]1: Practical demonstration [— topic]Workshop sample assessment templateThis sample has been compiled by the QCAA to assist and support teachers in planning and developing assessment instruments for individual school settings.Schools develop internal assessments for each Applied subject, based on the learning and assessment described in the syllabus.To use this template, teachers should:* customise the school information section and subject details, delete the QCAA logo, and replace ‘Queensland Curriculum and Assessment Authority’ with the school name in all footers
* complete the unit and module section using information from the syllabus
* consider the conditions prescribed in the syllabus when completing the conditions section
* construct assessment items in the provided fields. Refer to the guidance provided in yellow in the template. This guidance refers to content to be entered
* include stimulus items within the template or attached separately, as appropriate
* refer to the Assessment techniques section of the syllabus for further information about subject-specific specifications for a Project, e.g. whether all objectives need to be assessed
* remove the text in blue from the assessment instrument when it is completed. The text in blue provides formatting tips and instructions to writers.

|  |  |
| --- | --- |
| **Student name** |  |
| **Student number** |  |
| **Teacher** |  |
| **Issued** |  |
| **Due date** |  |

**Overall result**

| Result | Comment |
| --- | --- |
| **A** | **B** | **C** | **D** | **E** |  |

 |

## Conditions

Copy and paste the technique, unit, duration and response requirements directly from your syllabus. Identify if it will be a group or individual task. Add other resource information as needed or delete these fields as needed.

|  |  |
| --- | --- |
| **Technique** | [Insert collection of work, investigation, performance, practical demonstration, product, project] |
| **Unit** | [Insert the unit number and name, i.e. Unit 2: Domestic building] |
| **Response requirements**  | [Specify whether the response is written, spoken and/or multimodal and/or the number of words, minutes, pages and/or slides.] |
| **Individual/group** | [Specify whether individual or group work is required.] |
| **Other** | [Identify here if there is stimulus to be used, access to technology, use of notes, audience, genre, word length etc. Add a row for each instruction.] |
| **Resources** | [Specify access to resources.] |

## Context

Suggested items to include are:

* + purpose of the task
	+ information about the audience
	+ relevance of the instrument to the unit of work
	+ description of the problem or scenario that students will address when completing the task
	+ delete if the context is not needed in your subject.

## Task

Add task, i.e. copy and paste the task information from the relevant unit and then contextualise it to align to your school and student needs.

## Specifications

Copy and paste the specifications directly from the syllabus. You can then contextualise this further to align to the specific task you have developed.

This task requires students to:

## Stimulus

Add further stimulus information here as required. Use appropriate titles and sub-titles as necessary.

If it is impractical to include the actual stimulus material, describe what stimulus or type of stimulus is required to complete this task.

## Checkpoints

Insert or delete due dates and sign-off as required. Insert a maximum of five checkpoints.

[ ]  [Term [X] Week [x]/Date]: Identify checkpoint action.]

[ ]  [Term [X] Week [x]/Date]: Identify checkpoint action.]

[ ]  [Term [X] Week [x]/Date]: Identify checkpoint action.]

## Authentication strategies

Select at least one strategy from the following list. Delete strategies not required.

* The teacher will provide class time for task completion.
* Students will produce sections of the final response under supervised conditions.
* Students will each produce a unique response by … [Identify how this is achieved, e.g. selecting a unique topic or a topic with teacher-defined limits to how many students may select that particular topic, using individualised datasets, collecting data as a group but producing individual reports … ]
* Students will provide documentation of their progress [at indicated checkpoints, if checkpoints are provided].
* The teacher will collect copies of the student response and monitor at key junctures.
* The teacher will collect and annotate drafts.
* The teacher will conduct interviews or consultations with each student as they develop the response.
* Students will use plagiarism-detection software at submission of the response.
* Students must acknowledge all sources.
* Students must submit a declaration of authenticity.
* Students will produce summaries during the response preparation.
* The teacher will conduct interviews after submission to clarify or explore aspects of the response.
* The teacher will compare the responses of students who have worked together in groups.
* The teacher will ensure class cross-marking occurs.

## Scaffolding

* + Delete this heading and section if no scaffolding will be used.

[Scaffolding should describe specific processes that must be used, or expectations for the presentation of the student response, e.g. information about the report format to be used, expected referencing or citation conventions, or the inquiry or problem-solving model that must be used.]

**Instrument-specific standards (A1): Practical demonstration — Site preparation and foundations**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Demonstrate | Interpret | Select | Evaluate | Grade |
| The student work has the following characteristics: |
| * comprehensive demonstration of industry practices, and production skills and procedures when constructing a site preparation and foundations artefact
 | * insightful and justified interpretation of drawings and technical information when constructing a site preparation and foundations artefact
 | * strategic selection of industry practices, and production skills and procedures when constructing a site preparation and foundations artefact
 | * insightful and justified evaluation of production skills, procedures and a site preparation and foundations artefact
 | **A** |
| * consistent demonstration of industry practices, and production skills and procedures when constructing a site preparation and foundations artefact
 | * detailed and supported interpretation of drawings and technical information when constructing a site preparation and foundations artefact
 | * consistent selection of industry practices, and production skills and procedures when constructing a site preparation and foundations artefact
 | * detailed and supported evaluation of production skills, procedures and a site preparation and foundations artefact
 | **B** |
| * demonstration of industry practices, and production skills and procedures when constructing a site preparation and foundations artefact
 | * interpretation of drawings and technical information when constructing a site preparation and foundations artefact
 | * selection of industry practices, and production skills and procedures when constructing a site preparation and foundations artefact
 | * evaluation of production skills, procedures and a site preparation and foundations artefact
 | **C** |
| * inconsistent demonstration of industry practices, and production skills and procedures when constructing a site preparation and foundations artefact
 | * narrow and unsupported interpretation of drawings and technical information when constructing a site preparation and foundations artefact
 | * inconsistent selection of industry practices, and production skills and procedures when constructing a site preparation and foundations artefact
 | * narrow and unsupported evaluation of production skills, procedures and a site preparation and foundations artefact
 | **D** |
| * incorrect demonstration of industry practices, and production skills and procedures when constructing a site preparation and foundations artefact.
 | * superficial and unsubstantiated interpretation of drawings and technical information when constructing a site preparation and foundations artefact.
 | * incorrect selection of industry practices, and production skills and procedures when constructing a site preparation and foundations artefact.
 | * superficial and unsubstantiated evaluation of production skills, procedures and a site preparation and foundations artefact.
 | **E** |

**Instrument-specific standards (B1): Practical demonstration — Framing and cladding**

| Demonstrate | Interpret | Select | Evaluate | **Grade** |
| --- | --- | --- | --- | --- |
| The student work has the following characteristics: |
| * comprehensive demonstration of industry practices, and production skills and procedures when constructing a framing and cladding artefact
 | * insightful and justified interpretation of drawings and technical information when constructing a framing and cladding artefact
 | * strategic selection of industry practices, and production skills and procedures when constructing a framing and cladding artefact
 | * insightful and justified evaluation of production skills, procedures and a framing and cladding artefact
 | **A** |
| * consistent demonstration of industry practices, and production skills and procedures when constructing a framing and cladding artefact
 | * detailed and supported interpretation of drawings and technical information when constructing a framing and cladding artefact
 | * consistent selection of industry practices, and production skills and procedures when constructing a framing and cladding artefact
 | * detailed and supported evaluation of production skills, procedures and a framing and cladding artefact
 | **B** |
| * demonstration of industry practices, and production skills and procedures when constructing a framing and cladding artefact
 | * interpretation of drawings and technical information when constructing a framing and cladding artefact
 | * selection of industry practices, and production skills and procedures when constructing a framing and cladding artefact
 | * evaluation of production skills, procedures and a framing and cladding artefact
 | **C** |
| * inconsistent demonstration of industry practices, and production skills and procedures when constructing a framing and cladding artefact
 | * narrow and unsupported interpretation of drawings and technical information when constructing a framing and cladding artefact
 | * inconsistent selection of industry practices, and production skills and procedures when constructing a framing and cladding artefact
 | * narrow and unsupported evaluation of production skills, procedures and a framing and cladding artefact
 | **D** |
| * incorrect demonstration of industry practices, and production skills and procedures when constructing a framing and cladding artefact.
 | * superficial and unsubstantiated interpretation of drawings and technical information when constructing a framing and cladding artefact.
 | * incorrect selection of industry practices, and production skills and procedures when constructing a framing and cladding artefact.
 | * superficial and unsubstantiated evaluation of production skills, procedures and a framing and cladding artefact.
 | **E** |

**Instrument-specific standards (C1): Practical demonstration — Fixing and finishing**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Demonstrate | Interpret | Select | Evaluate | Grade |
| The student work has the following characteristics: |
| * comprehensive demonstration of industry practices, and production skills and procedures when constructing a fixing and finishing artefact
 | * insightful and justified interpretation of drawings and technical information when constructing a fixing and finishing artefact
 | * strategic selection of industry practices, and production skills and procedures when constructing a fixing and finishing artefact
 | * insightful and justified evaluation of production skills, procedures and a fixing and finishing artefact
 | **A** |
| * consistent demonstration of industry practices, and production skills and procedures when constructing a fixing and finishing artefact
 | * detailed and supported interpretation of drawings and technical information when constructing a fixing and finishing artefact
 | * consistent selection of industry practices, and production skills and procedures when constructing a fixing and finishing artefact
 | * detailed and supported evaluation of production skills, procedures and a fixing and finishing artefact
 | **B** |
| * demonstration of industry practices, and production skills and procedures when constructing a fixing and finishing artefact
 | * interpretation of drawings and technical information when constructing a fixing and finishing artefact
 | * selection of industry practices, and production skills and procedures when constructing a fixing and finishing artefact
 | * evaluation of production skills, procedures and a fixing and finishing artefact
 | **C** |
| * inconsistent demonstration of industry practices, and production skills and procedures when constructing a fixing and finishing artefact
 | * narrow and unsupported interpretation of drawings and technical information when constructing a fixing and finishing artefact
 | * inconsistent selection of industry practices, and production skills and procedures when constructing a fixing and finishing artefact
 | * narrow and unsupported evaluation of production skills, procedures and a fixing and finishing artefact
 | **D** |
| * incorrect demonstration of industry practices, and production skills and procedures when constructing a fixing and finishing artefact.
 | * superficial and unsubstantiated interpretation of drawings and technical information when constructing a fixing and finishing artefact.
 | * incorrect selection of industry practices, and production skills and procedures when constructing a fixing and finishing artefact.
 | * superficial and unsubstantiated evaluation of production skills, procedures and a fixing and finishing artefact.
 | **E** |

**Instrument-specific standards (D1): Practical demonstration — Domestic building**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Demonstrate | Interpret | Select | Evaluate | Grade |
| The student work has the following characteristics: |
| * comprehensive demonstration of industry practices, and production skills and procedures when constructing a domestic building artefact
 | * insightful and justified interpretation of drawings and technical information when constructing a domestic building artefact
 | * strategic selection of industry practices, and production skills and procedures when constructing a domestic building artefact
 | * insightful and justified evaluation of production skills, procedures and a domestic building artefact
 | **A** |
| * consistent demonstration of industry practices, and production skills and procedures when constructing a domestic building artefact
 | * detailed and supported interpretation of drawings and technical information when constructing a domestic building artefact
 | * consistent selection of industry practices, and production skills and procedures when constructing a domestic building artefact
 | * detailed and supported evaluation of production skills, procedures and a domestic building artefact
 | **B** |
| * demonstration of industry practices, and production skills and procedures when constructing a domestic building artefact
 | * interpretation of drawings and technical information when constructing a domestic building artefact
 | * selection of industry practices, and production skills and procedures when constructing a domestic building artefact
 | * evaluation of production skills, procedures and a domestic building artefact
 | **C** |
| * inconsistent demonstration of industry practices, and production skills and procedures when constructing a domestic building artefact
 | * narrow and unsupported interpretation of drawings and technical information when constructing a domestic building artefact
 | * inconsistent selection of industry practices, and production skills and procedures when constructing a domestic building artefact
 | * narrow and unsupported evaluation of production skills, procedures and a domestic building artefact
 | **D** |
| * incorrect demonstration of industry practices, and production skills and procedures when constructing a domestic building artefact.
 | * superficial and unsubstantiated interpretation of drawings and technical information when constructing a domestic building artefact.
 | * incorrect selection of industry practices, and production skills and procedures when constructing a domestic building artefact.
 | * superficial and unsubstantiated evaluation of production skills, procedures and a domestic building artefact.
 | **E** |

**Instrument-specific standards (E1): Practical demonstration — Commercial building**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Demonstrate | Interpret | Select | Evaluate | Grade |
| The student work has the following characteristics: |
| * comprehensive demonstration of industry practices, and production skills and procedures when constructing a commercial building artefact
 | * insightful and justified interpretation of drawings and technical information when constructing a commercial building artefact
 | * strategic selection of industry practices, and production skills and procedures when constructing a commercial building artefact
 | * insightful and justified evaluation of production skills, procedures and a commercial building artefact
 | **A** |
| * consistent demonstration of industry practices, and production skills and procedures when constructing a commercial building artefact
 | * detailed and supported interpretation of drawings and technical information when constructing a commercial building artefact
 | * consistent selection of industry practices, and production skills and procedures when constructing a commercial building artefact
 | * detailed and supported evaluation of production skills, procedures and a commercial building artefact
 | **B** |
| * demonstration of industry practices, and production skills and procedures when constructing a commercial building artefact
 | * interpretation of drawings and technical information when constructing a commercial building artefact
 | * selection of industry practices, and production skills and procedures when constructing a commercial building artefact
 | * evaluation of production skills, procedures and a commercial building artefact
 | **C** |
| * inconsistent demonstration of industry practices, and production skills and procedures when constructing a commercial building artefact
 | * narrow and unsupported interpretation of drawings and technical information when constructing a commercial building artefact
 | * inconsistent selection of industry practices, and production skills and procedures when constructing a commercial building artefact
 | * narrow and unsupported evaluation of production skills, procedures and a commercial building artefact
 | **D** |
| * incorrect demonstration of industry practices, and production skills and procedures when constructing a commercial building artefact.
 | * superficial and unsubstantiated interpretation of drawings and technical information when constructing a commercial building artefact.
 | * incorrect selection of industry practices, and production skills and procedures when constructing a commercial building artefact.
 | * superficial and unsubstantiated evaluation of production skills, procedures and a commercial building artefact.
 | **E** |

**Instrument-specific standards (F1): Practical demonstration — Civil construction**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Demonstrate | Interpret | Select | Evaluate | Grade |
| The student work has the following characteristics: |
| * comprehensive demonstration of industry practices, and production skills and procedures when constructing a civil construction artefact
 | * insightful and justified interpretation of drawings and technical information when constructing a civil construction artefact
 | * strategic selection of industry practices, and production skills and procedures when constructing a civil construction artefact
 | * insightful and justified evaluation of production skills, procedures and a civil construction artefact
 | **A** |
| * consistent demonstration of industry practices, and production skills and procedures when constructing a civil construction artefact
 | * detailed and supported interpretation of drawings and technical information when constructing a civil construction artefact
 | * consistent selection of industry practices, and production skills and procedures when constructing a civil construction artefact
 | * detailed and supported evaluation of production skills, procedures and a civil construction artefact
 | **B** |
| * demonstration of industry practices, and production skills and procedures when constructing a civil construction artefact
 | * interpretation of drawings and technical information when constructing a civil construction artefact
 | * selection of industry practices, and production skills and procedures when constructing a civil construction artefact
 | * evaluation of production skills, procedures and a civil construction artefact
 | **C** |
| * inconsistent demonstration of industry practices, and production skills and procedures when constructing a civil construction artefact
 | * narrow and unsupported interpretation of drawings and technical information when constructing a civil construction artefact
 | * inconsistent selection of industry practices, and production skills and procedures when constructing a civil construction artefact
 | * narrow and unsupported evaluation of production skills, procedures and a civil construction artefact
 | **D** |
| * incorrect demonstration of industry practices, and production skills and procedures when constructing a civil construction artefact.
 | * superficial and unsubstantiated interpretation of drawings and technical information when constructing a civil construction artefact.
 | * incorrect selection of industry practices, and production skills and procedures when constructing a civil construction artefact.
 | * superficial and unsubstantiated evaluation of production skills, procedures and a civil construction artefact.
 | **E** |

**Instrument-specific standards (A1): Practical demonstration — Fitting and machining**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Demonstrate | Interpret | Select | Evaluate | Grade |
| The student work has the following characteristics: |
| * comprehensive demonstration of fitting and machining industry practices, and production skills and procedures when manufacturing a fitting and machining artefact
 | * insightful and justified interpretation of fitting and machining drawings and technical information when manufacturing a fitting and machining artefact
 | * strategic selection of fitting and machining industry practices, and production skills and procedures when manufacturing a fitting and machining artefact
 | * insightful and justified evaluation of fitting and machining production skills, procedures and a fitting and machining artefact
 | **A** |
| * consistent demonstration of fitting and machining industry practices, and production skills and procedures when manufacturing a fitting and machining artefact
 | * detailed and supported interpretation of fitting and machining drawings and technical information when manufacturing a fitting and machining artefact
 | * consistent selection of fitting and machining industry practices, and production skills and procedures when manufacturing a fitting and machining artefact
 | * detailed and supported evaluation of fitting and machining production skills, procedures and a fitting and machining artefact
 | **B** |
| * demonstration of fitting and machining industry practices, and production skills and procedures when manufacturing a fitting and machining artefact
 | * interpretation of fitting and machining drawings and technical information when manufacturing a fitting and machining artefact
 | * selection of fitting and machining industry practices, and production skills and procedures when manufacturing a fitting and machining artefact
 | * evaluation of fitting and machining production skills, procedures and a fitting and machining artefact
 | **C** |
| * inconsistent demonstration of production skills and procedures when manufacturing an incomplete fitting and machining artefact with obvious inaccuracies
 | * narrow and unsupported reference to drawings when manufacturing an incomplete fitting and machining artefact with obvious inaccuracies
 | * inconsistent selection of production skills and procedures when manufacturing an incomplete fitting and machining artefact with obvious inaccuracies
 | * narrow and unsupported evaluation of production skills and procedures and an incomplete fitting and machining artefact with obvious inaccuracies
 | **D** |
| * incorrect demonstration of production skills and procedures when manufacturing aspects of a fitting and machining artefact.
 | * superficial and unsubstantiated reference to drawings when manufacturing aspects of a fitting and machining artefact.
 | * incorrect selection of production skills and procedures when manufacturing aspects of a fitting and machining artefact.
 | * statements made about production skills, procedures or aspects of a fitting and machining artefact.
 | **E** |

**Instrument-specific standards (B1): Practical demonstration — Welding and fabrication**

| Demonstrate | Interpret | Select | Evaluate | Grade |
| --- | --- | --- | --- | --- |
| The student work has the following characteristics: |
| * comprehensive demonstration of welding and fabrication industry practices, and production skills and procedures when manufacturing a welding and fabrication artefact
 | * insightful and justified interpretation of welding and fabrication drawings and technical information when manufacturing a welding and fabrication artefact
 | * strategic selection of welding and fabrication industry practices, and production skills and procedures when manufacturing a welding and fabrication artefact
 | * insightful and justified evaluation of welding and fabrication production skills, procedures and a welding and fabrication artefact
 | **A** |
| * consistent demonstration of welding and fabrication industry practices, and production skills and procedures when manufacturing a welding and fabrication artefact
 | * detailed and supported interpretation of welding and fabrication drawings and technical information when manufacturing a welding and fabrication artefact
 | * consistent selection of welding and fabrication industry practices, and production skills and procedures when manufacturing a welding and fabrication artefact
 | * detailed and supported evaluation of welding and fabrication production skills, procedures and a welding and fabrication artefact
 | **B** |
| * demonstration of welding and fabrication industry practices, and production skills and procedures when manufacturing a welding and fabrication artefact
 | * interpretation of welding and fabrication drawings and technical information when manufacturing a welding and fabrication artefact
 | * selection of welding and fabrication industry practices, and production skills and procedures when manufacturing a welding and fabrication artefact
 | * evaluation of welding and fabrication production skills, procedures and a welding and fabrication artefact
 | **C** |
| * inconsistent demonstration of production skills and procedures when manufacturing an incomplete welding and fabrication artefact with obvious inaccuracies
 | * narrow and unsupported reference to drawings when manufacturing an incomplete welding and fabrication artefact with obvious inaccuracies
 | * inconsistent selection of production skills and procedures when manufacturing an incomplete welding and fabrication artefact with obvious inaccuracies
 | * narrow and unsupported evaluation of production skills, procedures and an incomplete welding and fabrication artefact with obvious inaccuracies
 | **D** |
| * incorrect demonstration of production skills and procedures when manufacturing aspects of a welding and fabrication artefact.
 | * superficial and unsubstantiated reference to drawings when manufacturing aspects of a welding and fabrication artefact.
 | * incorrect selection of production skills and procedures when manufacturing aspects of a welding and fabrication artefact.
 | * statements made about production skills, procedures or aspects of a welding and fabrication artefact.
 | **E** |

**Instrument-specific standards (C1): Practical demonstration — Sheet metal working**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Demonstrate | Interpret | Select | Evaluate | Grade |
| The student work has the following characteristics: |
| * comprehensive demonstration of sheet metal working industry practices, and production skills and procedures when manufacturing a sheet metal artefact
 | * insightful and justified interpretation of sheet metal working drawings and technical information when manufacturing a sheet metal artefact
 | * strategic selection of sheet metal working industry practices, and production skills and procedures when manufacturing a sheet metal artefact
 | * insightful and justified evaluation of sheet metal working production skills, procedures and a sheet metal artefact
 | **A** |
| * consistent demonstration of sheet metal working industry practices, and production skills and procedures when manufacturing a sheet metal artefact
 | * detailed and supported interpretation of sheet metal working drawings and technical information when manufacturing a sheet metal artefact
 | * consistent selection of sheet metal working industry practices, and production skills and procedures when manufacturing a sheet metal artefact
 | * detailed and supported evaluation of sheet metal working production skills, procedures and a sheet metal artefact
 | **B** |
| * demonstration of sheet metal working industry practices, and production skills and procedures when manufacturing a sheet metal artefact
 | * interpretation of sheet metal working drawings and technical information when manufacturing a sheet metal artefact
 | * selection of sheet metal working industry practices, and production skills and procedures when manufacturing a sheet metal artefact
 | * evaluation of sheet metal working production skills, procedures and a sheet metal artefact
 | **C** |
| * inconsistent demonstration of production skills and procedures when manufacturing an incomplete sheet metal artefact with obvious inaccuracies
 | * narrow and unsupported reference to drawings when manufacturing an incomplete sheet metal artefact with obvious inaccuracies
 | * inconsistent selection of production skills and procedures when manufacturing an incomplete sheet metal artefact with obvious inaccuracies
 | * narrow and unsupported evaluation of production skills, procedures and an incomplete sheet metal artefact with obvious inaccuracies
 | **D** |
| * incorrect demonstration of production skills and procedures when manufacturing aspects of a sheet metal artefact.
 | * superficial and unsubstantiated reference to drawings when manufacturing aspects of a sheet metal artefact.
 | * incorrect selection of production skills and procedures when manufacturing aspects of a sheet metal artefact.
 | * statements made about production skills, procedures or aspects of a sheet metal artefact.
 | **E** |

**Instrument-specific standards (D1): Practical demonstration — Structural engineering**

| Demonstrate | Interpret | Select | Evaluate | Grade |
| --- | --- | --- | --- | --- |
| The student work has the following characteristics: |
| * comprehensive demonstration of structural engineering industry practices, and production skills and procedures when manufacturing a structural engineering artefact
 | * insightful and justified interpretation of structural engineering drawings and technical information when manufacturing a structural engineering artefact
 | * strategic selection of structural engineering industry practices, and production skills and procedures when manufacturing a structural engineering artefact
 | * insightful and justified evaluation of structural engineering production skills, procedures and a structural engineering artefact
 | **A** |
| * consistent demonstration of structural engineering industry practices, and production skills and procedures when manufacturing a structural engineering artefact
 | * detailed and supported interpretation of structural engineering drawings and technical information when manufacturing a structural engineering artefact
 | * consistent selection of structural engineering industry practices, and production skills and procedures when manufacturing a structural engineering artefact
 | * detailed and supported evaluation of structural engineering production skills, procedures and a structural engineering artefact
 | **B** |
| * demonstration of structural engineering industry practices, and production skills and procedures when manufacturing a structural engineering artefact
 | * interpretation of structural engineering drawings and technical information when manufacturing a structural engineering artefact
 | * selection of structural engineering industry practices, and production skills and procedures when manufacturing a structural engineering artefact
 | * evaluation of structural engineering production skills, procedures and a structural engineering artefact
 | **C** |
| * inconsistent demonstration of production skills and procedures when manufacturing an incomplete structural engineering artefact with obvious inaccuracies
 | * narrow and unsupported reference to drawings when manufacturing aspects of a structural engineering artefact.
 | * inconsistent selection of production skills and procedures when manufacturing aspects of a structural engineering artefact
 | * narrow and unsupported evaluation of production skills, procedures and an incomplete structural engineering artefact with obvious inaccuracies
 | **D** |
| * incorrect demonstration of production skills and procedures when manufacturing aspects of a structural engineering artefact.
 | * superficial and unsubstantiated reference to drawings when manufacturing aspects of a structural engineering artefact.
 | * incorrect selection of production skills and procedures when manufacturing aspects of a structural engineering artefact
 | * statements made about production skills, procedures or aspects of a structural engineering artefact.
 | **E** |

**Instrument-specific standards (E1): Practical demonstration — Transport engineering**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Demonstrate | Interpret | Select | Evaluate | Grade |
| The student work has the following characteristics: |
| * comprehensive demonstration of transport engineering industry practices, and production skills and procedures when manufacturing a transport engineering artefact
 | * insightful and justified interpretation of transport engineering drawings and technical information when manufacturing a transport engineering artefact
 | * strategic selection of transport engineering industry practices, and production skills and procedures when manufacturing a transport engineering artefact
 | * insightful and justified evaluation of transport engineering production skills, procedures and a transport engineering artefact
 | **A** |
| * consistent demonstration of transport engineering industry practices, and production skills and procedures when manufacturing a transport engineering artefact
 | * detailed and supported interpretation of transport engineering drawings and technical information when manufacturing a transport engineering artefact
 | * consistent selection of transport engineering industry practices, and production skills and procedures when manufacturing a transport engineering artefact
 | * detailed and supported evaluation of transport engineering production skills, procedures and a transport engineering artefact
 | **B** |
| * demonstration of transport engineering industry practices, and production skills and procedures when manufacturing a transport engineering artefact
 | * interpretation of transport engineering drawings and technical information when manufacturing a transport engineering artefact
 | * selection of transport engineering industry practices, and production skills and procedures when manufacturing a transport engineering artefact
 | * evaluation of transport engineering production skills, procedures and a transport engineering artefact
 | **C** |
| * inconsistent demonstration of production skills and procedures when manufacturing an incomplete transport engineering artefact with obvious inaccuracies
 | * narrow and unsupported reference to drawings when manufacturing an incomplete transport engineering artefact with obvious inaccuracies
 | * inconsistent selection of production skills and procedures when manufacturing an incomplete transport engineering artefact with obvious inaccuracies
 | * narrow and unsupported evaluation of production skills, procedures and an incomplete transport engineering artefact with obvious inaccuracies
 | **D** |
| * incorrect demonstration of production skills and procedures when manufacturing aspects of a transport engineering artefact.
 | * superficial and unsubstantiated reference to drawings when manufacturing aspects of a transport engineering artefact.
 | * incorrect selection of production skills and procedures when manufacturing aspects of a transport engineering artefact.
 | * statements made about production skills, procedures or aspects of a transport engineering artefact.
 | **E** |

**Instrument-specific standards (F1): Practical demonstration — Manufacturing engineering**

| Demonstrate | Interpret | Select | Evaluate | Grade |
| --- | --- | --- | --- | --- |
| The student work has the following characteristics: |
| * comprehensive demonstration of manufacturing engineering industry practices, and production skills and procedures when manufacturing a manufacturing engineering artefact
 | * insightful and justified interpretation of manufacturing engineering drawings and technical information when manufacturing a manufacturing engineering artefact
 | * strategic selection of manufacturing engineering industry practices, and production skills and procedures when manufacturing a manufacturing engineering artefact
 | * insightful and justified evaluation of manufacturing engineering production skills, procedures and a manufacturing engineering artefact
 | **A** |
| * consistent demonstration of manufacturing engineering industry practices, and production skills and procedures when manufacturing a manufacturing engineering artefact
 | * detailed and supported interpretation of manufacturing engineering drawings and technical information when manufacturing a manufacturing engineering artefact
 | * consistent selection of manufacturing engineering industry practices, and production skills and procedures when manufacturing a manufacturing engineering artefact
 | * detailed and supported evaluation of manufacturing engineering production skills, procedures and a manufacturing engineering artefact
 | **B** |
| * demonstration of manufacturing engineering industry practices, and production skills and procedures when manufacturing a manufacturing engineering artefact
 | * interpretation of manufacturing engineering drawings and technical information when manufacturing a manufacturing engineering artefact
 | * selection of manufacturing engineering industry practices, and production skills and procedures when manufacturing a manufacturing engineering artefact
 | * evaluation of manufacturing engineering production skills, procedures and a manufacturing engineering artefact
 | **C** |
| * inconsistent demonstration of production skills and procedures when manufacturing an incomplete manufacturing engineering artefact with obvious inaccuracies
 | * narrow and unsupported reference to drawings when manufacturing an incomplete manufacturing engineering artefact with obvious inaccuracies
 | * inconsistent selection of production skills and procedures when manufacturing an incomplete manufacturing engineering artefact with obvious inaccuracies
 | * narrow and unsupported evaluation of production skills, procedures and an incomplete manufacturing engineering artefact with obvious inaccuracies
 | **D** |
| * incorrect demonstration of production skills and procedures when manufacturing aspects of a manufacturing engineering artefact.
 | * superficial and unsubstantiated reference to drawings when manufacturing aspects of a manufacturing engineering artefact.
 | * incorrect selection of production skills and procedures when manufacturing aspects of a manufacturing engineering artefact.
 | * statements made about production skills, procedures or aspects of a manufacturing engineering artefact.
 | **E** |

**Instrument-specific standards (A1): Practical demonstration — Furniture-making**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Demonstrate | Interpret | Select | Evaluate | Grade |
| The student work has the following characteristics: |
| * comprehensive demonstration of furniture-making industry practices, and production skills and procedures when manufacturing a single-material furniture artefact
 | * insightful and justified interpretation of furniture-making industry drawings and technical information when manufacturing a single-material furniture artefact
 | * strategic selection of furniture-making industry practices, and production skills and procedures when manufacturing a single-material furniture artefact
 | * insightful and justified evaluation of furniture-making production skills, procedures and a single-material furniture artefact
 | **A** |
| * consistent demonstration of furniture-making industry practices, and production skills and procedures when manufacturing a single-material furniture artefact
 | * detailed and supported interpretation of furniture-making industry drawings and technical information when manufacturing a single-material furniture artefact
 | * consistent selection of furniture-making industry practices, and production skills and procedures when manufacturing a single-material furniture artefact
 | * detailed and supported evaluation of furniture-making production skills, procedures and a single-material furniture artefact
 | **B** |
| * demonstration of furniture-making industry practices, and production skills and procedures when manufacturing a single-material furniture artefact
 | * interpretation of furniture-making industry drawings and technical information when manufacturing a single-material furniture artefact
 | * selection of furniture-making industry practices, and production skills and procedures when manufacturing a single-material furniture artefact
 | * evaluation of furniture-making production skills, procedures and a single-material furniture artefact
 | **C** |
| * inconsistent demonstration of production skills and procedures when manufacturing an incomplete single-material furniture artefact with obvious inaccuracies
 | * narrow and unsupported reference to drawings when manufacturing an incomplete single-material furniture artefact with obvious inaccuracies
 | * inconsistent selection of production skills and procedures when manufacturing an incomplete single-material furniture artefact with obvious inaccuracies
 | * narrow and unsupported evaluation of production skills, procedures and an incomplete single-material furniture artefact with obvious inaccuracies
 | **D** |
| * incorrect demonstration of production skills and procedures when manufacturing aspects of a single-material furniture artefact.
 | * superficial and unsubstantiated reference to drawings when manufacturing aspects of a single-material furniture artefact.
 | * incorrect selection of production skills and procedures when manufacturing aspects of a single-material furniture artefact.
 | * statements made about production skills, procedures or aspects of a single-material furniture artefact.
 | **E** |

**Instrument-specific standards (B1): Practical demonstration — Cabinet-making**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Demonstrate | Interpret | Select | Evaluate | Grade |
| The student work has the following characteristics: |
| * comprehensive demonstration of cabinet-making industry practices, and production skills and procedures when manufacturing a cabinet artefact
 | * insightful and justified interpretation of cabinet-making industry and technical information when manufacturing a cabinet artefact
 | * strategic selection of cabinet-making industry practices, and production skills and procedures when manufacturing a cabinet artefact
 | * insightful and justified evaluation of cabinet-making production skills, procedures and a cabinet artefact
 | **A** |
| * consistent demonstration of cabinet-making industry practices, and production skills and procedures when manufacturing a cabinet artefact
 | * detailed and supported interpretation of cabinet-making industry and technical information when manufacturing a cabinet artefact
 | * consistent selection of cabinet-making industry practices, and production skills and procedures when manufacturing a cabinet artefact
 | * detailed and supported evaluation of cabinet-making production skills, procedures and a cabinet artefact
 | **B** |
| * demonstration of cabinet-making industry practices, and production skills and procedures when manufacturing a cabinet artefact
 | * interpretation of cabinet-making industry and technical information when manufacturing a cabinet artefact
 | * selection of cabinet-making industry practices, and production skills and procedures when manufacturing a cabinet artefact
 | * evaluation of cabinet-making production skills, procedures and a cabinet artefact
 | **C** |
| * inconsistent demonstration of production skills and procedures when manufacturing an incomplete cabinet artefact with obvious inaccuracies
 | * narrow and unsupported reference to drawings when manufacturing an incomplete cabinet artefact with obvious inaccuracies
 | * inconsistent selection of production skills and procedures when manufacturing an incomplete cabinet artefact with obvious inaccuracies
 | * narrow and unsupported evaluation of production skills, procedures and an incomplete cabinet artefact with obvious inaccuracies
 | **D** |
| * incorrect demonstration of production skills and procedures when manufacturing aspects of a cabinet artefact.
 | * superficial and unsubstantiated reference to drawings when manufacturing aspects of a cabinet artefact.
 | * incorrect selection of production skills and procedures when manufacturing aspects of a cabinet artefact.
 | * statements made about production skills, procedures or aspects of a cabinet artefact.
 | **E** |

**Instrument-specific standards (C1): Practical demonstration — Interior furnishing**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Demonstrate | Interpret | Select | Evaluate | Grade |
| The student work has the following characteristics: |
| * comprehensive demonstration of interior furnishing industry practices, and production skills and procedures when manufacturing an interior furnishing artefact
 | * insightful and justified interpretation of interior furnishing drawings and technical information when manufacturing an interior furnishing artefact
 | * strategic selection of interior furnishing industry practices, and production skills and procedures when manufacturing an interior furnishing artefact
 | * insightful and justified evaluation of interior furnishing production skills, procedures and an interior furnishing artefact
 | **A** |
| * consistent demonstration of interior furnishing industry practices, and production skills and procedures when manufacturing an interior furnishing artefact
 | * detailed and supported interpretation of interior furnishing drawings and technical information when manufacturing an interior furnishing artefact
 | * consistent selection of interior furnishing industry practices, and production skills and procedures when manufacturing an interior furnishing artefact
 | * detailed and supported evaluation of interior furnishing production skills, procedures and an interior furnishing artefact
 | **B** |
| * demonstration of interior furnishing industry practices, and production skills and procedures when manufacturing an interior furnishing artefact
 | * interpretation of interior furnishing drawings and technical information when manufacturing an interior furnishing artefact
 | * selection of interior furnishing industry practices, and production skills and procedures when manufacturing an interior furnishing artefact
 | * evaluation of interior furnishing production skills, procedures and an interior furnishing artefact
 | **C** |
| * inconsistent demonstration of production skills and procedures when manufacturing an incomplete interior furnishing artefact with obvious inaccuracies
 | * narrow and unsupported reference to drawings when manufacturing an incomplete interior furnishing artefact with obvious inaccuracies
 | * inconsistent selection of production skills and procedures when manufacturing an incomplete interior furnishing artefact with obvious inaccuracies
 | * narrow and unsupported evaluation of production skills, procedures and an incomplete interior furnishing artefact with obvious inaccuracies
 | **D** |
| * incorrect demonstration of production skills and procedures when manufacturing aspects of an interior furnishing artefact.
 | * superficial and unsubstantiated reference to drawings when manufacturing aspects of an interior furnishing artefact.
 | * incorrect selection of production skills and procedures when manufacturing aspects of an interior furnishing artefact.
 | * statements made about production skills, procedures or aspects of an interior furnishing artefact.
 | **E** |

**Instrument-specific standards (D1): Practical demonstration — Domestic furniture**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Demonstrate | Interpret | Select | Evaluate | Grade |
| The student work has the following characteristics: |
| * comprehensive demonstration of domestic furniture industry practices, and production skills and procedures when manufacturing a domestic furniture artefact
 | * insightful and justified interpretation of domestic furniture drawings and technical information when manufacturing a domestic furniture artefact
 | * strategic selection of domestic furniture industry practices, and production skills and procedures when manufacturing a domestic furniture artefact
 | * insightful and justified evaluation of domestic furniture production skills, procedures and a domestic furniture artefact
 | **A** |
| * consistent demonstration of domestic furniture industry practices, and production skills and procedures when manufacturing a domestic furniture artefact
 | * detailed and supported interpretation of domestic furniture drawings and technical information when manufacturing a domestic furniture artefact
 | * consistent selection of domestic furniture industry practices, and production skills and procedures when manufacturing a domestic furniture artefact
 | * detailed and supported evaluation of domestic furniture production skills, procedures and a domestic furniture artefact
 | **B** |
| * demonstration of domestic furniture industry practices, and production skills and procedures when manufacturing a domestic furniture artefact
 | * interpretation of domestic furniture drawings and technical information when manufacturing a domestic furniture artefact
 | * selection of domestic furniture industry practices, and production skills and procedures when manufacturing a domestic furniture artefact
 | * evaluation of domestic furniture production skills, procedures and a domestic furniture artefact
 | **C** |
| * inconsistent demonstration of production skills and procedures when manufacturing an incomplete domestic furniture artefact with obvious inaccuracies
 | * narrow and unsupported reference to drawings when manufacturing an incomplete domestic furniture artefact with obvious inaccuracies
 | * inconsistent selection of production skills and procedures when manufacturing an incomplete domestic furniture artefact with obvious inaccuracies
 | * narrow and unsupported evaluation of production skills, procedures and an incomplete domestic furniture artefact with obvious inaccuracies
 | **D** |
| * incorrect demonstration of production skills and procedures when manufacturing aspects of a domestic furniture artefact.
 | * superficial and unsubstantiated reference to drawings when manufacturing aspects of a domestic furniture artefact.
 | * incorrect selection of production skills and procedures when manufacturing aspects of a domestic furniture artefact.
 | * statements made about production skills, procedures or aspects of a domestic furniture artefact.
 | **E** |

**Instrument-specific standards (E1): Practical demonstration — Commercial furniture**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Demonstrate | Interpret | Select | Evaluate | Grade |
| The student work has the following characteristics: |
| * comprehensive demonstration of commercial furniture industry practices, and production skills and procedures when manufacturing a commercial furniture artefact
 | * insightful and justified interpretation of commercial furniture industry drawings and technical information when manufacturing a commercial furniture artefact
 | * strategic selection of commercial furniture industry practices, and production skills and procedures when manufacturing a commercial furniture artefact
 | * insightful and justified evaluation of commercial furniture production skills, procedures and a commercial furniture artefact
 | **A** |
| * consistent demonstration of commercial furniture industry practices, and production skills and procedures when manufacturing a commercial furniture artefact
 | * detailed and supported interpretation of commercial furniture industry drawings and technical information when manufacturing a commercial furniture artefact
 | * consistent selection of commercial furniture industry practices, and production skills and procedures when manufacturing a commercial furniture artefact
 | * detailed and supported evaluation of commercial furniture production skills, procedures and a commercial furniture artefact
 | **B** |
| * demonstration of commercial furniture industry practices, and production skills and procedures when manufacturing a commercial furniture artefact
 | * interpretation of commercial furniture industry drawings and technical information when manufacturing a commercial furniture artefact
 | * selection of commercial furniture industry practices, and production skills and procedures when manufacturing a commercial furniture artefact
 | * evaluation of commercial furniture production skills, procedures and a commercial furniture artefact
 | **C** |
| * inconsistent demonstration of production skills and procedures when manufacturing an incomplete commercial furniture artefact with obvious inaccuracies
 | * narrow and unsupported reference to industry drawings when manufacturing an incomplete commercial furniture artefact with obvious inaccuracies
 | * inconsistent selection of production skills and procedures when manufacturing an incomplete commercial furniture artefact with obvious inaccuracies
 | * narrow and unsupported evaluation of production skills, procedures and an incomplete commercial furniture artefact with obvious inaccuracies
 | **D** |
| * incorrect demonstration of production skills and procedures when manufacturing aspects of a commercial furniture artefact.
 | * superficial and unsubstantiated reference to industry drawings when manufacturing aspects of a commercial furniture artefact.
 | * incorrect selection of production skills and procedures when manufacturing aspects of a commercial furniture artefact.
 | * statements made about production skills, procedures or aspects of a commercial furniture artefact.
 | **E** |

**Instrument-specific standards (F1): Practical demonstration — Bespoke furniture**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Demonstrate | Interpret | Select | Evaluate | Grade |
| The student work has the following characteristics: |
| * comprehensive demonstration of bespoke furniture industry practices, and production skills and procedures when restoring a bespoke furniture artefact
 | * insightful and justified interpretation of bespoke furniture drawings and technical information when restoring a bespoke furniture artefact
 | * strategic selection of bespoke furniture industry practices, and production skills and procedures when restoring a bespoke furniture artefact
 | * insightful and justified evaluation of bespoke furniture production skills, procedures and a bespoke furniture artefact
 | **A** |
| * consistent demonstration of bespoke furniture industry practices, and production skills and procedures when restoring a bespoke furniture artefact
 | * detailed and supported interpretation of bespoke furniture drawings and technical information when restoring a bespoke furniture artefact
 | * consistent selection of bespoke furniture industry practices, and production skills and procedures when restoring a bespoke furniture artefact
 | * detailed and supported evaluation of bespoke furniture production skills, procedures and a bespoke furniture artefact
 | **B** |
| * demonstration of bespoke furniture industry practices, and production skills and procedures when restoring a bespoke furniture artefact
 | * interpretation of bespoke furniture drawings and technical information when restoring a bespoke furniture artefact
 | * selection of bespoke furniture industry practices, and production skills and procedures when restoring a bespoke furniture artefact
 | * evaluation of bespoke furniture production skills, procedures and a bespoke furniture artefact
 | **C** |
| * inconsistent demonstration of production skills and procedures when restoring an incomplete bespoke furniture artefact with obvious inaccuracies
 | * narrow and unsupported reference to drawings when restoring an incomplete bespoke furniture artefact with obvious inaccuracies
 | * inconsistent selection of production skills and procedures when restoring an incomplete bespoke furniture artefact with obvious inaccuracies
 | * narrow and unsupported evaluation of production skills, procedures and an incomplete bespoke furniture artefact with obvious inaccuracies
 | **D** |
| * incorrect demonstration of production skills and procedures when restoring aspects of a bespoke furniture artefact.
 | * superficial and unsubstantiated reference to drawings when restoring aspects of a bespoke furniture artefact.
 | * incorrect selection of production skills and procedures when restoring aspects of a bespoke furniture artefact.
 | * statements made about production skills, procedures or aspects of a bespoke furniture artefact.
 | **E** |

**Instrument-specific standards (A1): Practical demonstration — Residential building**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Demonstrate | Interpret | Select | Evaluate | Grade |
| The student work has the following characteristics: |
| * comprehensive demonstration of residential building industry practices, and drafting skills and procedures when redrafting a residence with a minor variation
 | * insightful and justified interpretation of residential building client briefs and technical information when redrafting a residence with a minor variation
 | * strategic selection of residential building industry practices, and drafting skills and procedures when redrafting a residence with a minor variation
 | * insightful and justified evaluation of residential building drafting skills, procedures and building plans
 | **A** |
| * consistent demonstration of residential building industry practices, and drafting skills and procedures when redrafting a residence with a minor variation
 | * detailed and supported interpretation of residential building client briefs and technical information when redrafting a residence with a minor variation
 | * consistent selection of residential building industry practices, and drafting skills and procedures when redrafting a residence with a minor variation
 | * detailed and supported evaluation of residential building drafting skills, procedures and building plans
 | **B** |
| * demonstration of residential building industry practices, and drafting skills and procedures when redrafting a residence with a minor variation
 | * interpretation of residential building client briefs and technical information when redrafting a residence with a minor variation
 | * selection of residential building industry practices, and drafting skills and procedures when redrafting a residence with a minor variation
 | * evaluation of residential building drafting skills, procedures and building plans
 | **C** |
| * inconsistent demonstration of residential building industry practices, and drafting skills and procedures when redrafting a residence with a minor variation
 | * narrow and unsupported interpretation of residential building client briefs and technical information when redrafting a residence with a minor variation
 | * inconsistent selection of residential building industry practices, and drafting skills and procedures when redrafting a residence with a minor variation
 | * narrow and unsupported evaluation of residential building drafting skills, procedures and building plans
 | **D** |
| * incorrect demonstration of residential building industry practices, and drafting skills and procedures when redrafting a residence with a minor variation.
 | * superficial and unsubstantiated interpretation of residential building client briefs and technical information when redrafting a residence with a minor variation.
 | * incorrect selection of residential building industry practices, and drafting skills and procedures when redrafting a residence with a minor variation.
 | * superficial and unsubstantiated evaluation of residential building drafting skills, procedures and building plans
 | **E** |

**Instrument-specific standards (B1): Practical demonstration — Computer-aided manufacturing**

| Demonstrate | Interpret | Select | Evaluate | Grade |
| --- | --- | --- | --- | --- |
| The student work has the following characteristics: |
| * comprehensive demonstration of computer-aided manufacturing industry practices, skills and drawing procedures when manufacturing a single-component object from a drafted digital drawing
 | * insightful and justified interpretation of computer-aided manufacturing client briefs and technical information when manufacturing a single-component object from a drafted digital drawing
 | * strategic selection of computer-aided manufacturing industry practices, and drafting skills and procedures when manufacturing a single-component object from a drafted digital drawing
 | * insightful and justified evaluation of computer-aided manufacturing drafting skills, procedures and digital drawings and outputs
 | **A** |
| * consistent demonstration of computer-aided manufacturing industry practices, skills and drawing procedures when manufacturing a single-component object from a drafted digital drawing
 | * detailed and supported interpretation of computer-aided manufacturing client briefs and technical information when manufacturing a single-component object from a drafted digital drawing
 | * consistent selection of computer-aided manufacturing industry practices, and drafting skills and procedures when manufacturing a single-component object from a drafted digital drawing
 | * detailed and supported evaluation of computer-aided manufacturing drafting skills, procedures and digital drawings and outputs
 | **B** |
| * demonstration of computer-aided manufacturing industry practices, skills and drawing procedures when manufacturing a single-component object from a drafted digital drawing
 | * interpretation of computer-aided manufacturing client briefs and technical information when manufacturing a single-component object from a drafted digital drawing
 | * selection of computer-aided manufacturing industry practices, and drafting skills and procedures a single-component object from a drafted digital drawing
 | * evaluation of computer-aided manufacturing drafting skills, procedures and digital drawings and outputs
 | **C** |
| * inconsistent demonstration of computer-aided manufacturing industry practices, skills and drawing procedures when manufacturing a single-component object from a drafted digital drawing
 | * narrow and unsupported interpretation of computer-aided manufacturing client briefs and technical information when manufacturing a single-component object from a drafted digital drawing
 | * inconsistent selection of computer-aided manufacturing industry practices, and drafting skills and procedures when manufacturing a single-component object from a drafted digital drawing
 | * narrow and unsupported evaluation of computer-aided manufacturing drafting skills, procedures and digital drawings and outputs
 | **D** |
| * incorrect demonstration of computer-aided manufacturing industry practices, skills and drawing procedures when manufacturing a single-component object from a drafted digital drawing.
 | * superficial and unsubstantiated interpretation of computer-aided manufacturing client briefs and technical information when manufacturing a single-component object from a drafted digital drawing.
 | * incorrect selection of computer-aided manufacturing industry practices, and drafting skills and procedures when manufacturing a single-component object from a drafted digital drawing.
 | * superficial and unsubstantiated evaluation of computer-aided manufacturing drafting skills, procedures and digital drawings and outputs
 | **E** |

**Instrument-specific standards (C1): Practical demonstration — Computer-aided drafting**

| Demonstrate | Interpret | Select | Evaluate | Grade |
| --- | --- | --- | --- | --- |
| The student work has the following characteristics: |
| * comprehensive demonstration of computer-aided drafting industry practices, skills and drawing procedures when drafting and presenting a CAD model of a single-component product
 | * insightful and justified interpretation of computer-aided drafting client briefs and technical information when drafting and presenting a CAD model of a single-component product
 | * strategic selection of computer-aided drafting industry practices and drafting skills and procedures and presenting a CAD model of a single-component product
 | * insightful and justified evaluation of computer-aided drafting skills, procedures and models
 | **A** |
| * consistent demonstration of computer-aided drafting industry practices, skills and drawing procedures when drafting and presenting a CAD model of a single-component product
 | * detailed and supported interpretation of computer-aided drafting client briefs and technical information when drafting and presenting a CAD model of a single-component product
 | * consistent selection of computer-aided drafting industry practices and drafting skills and procedures when drafting and presenting a CAD model of a single-component product
 | * detailed and supported evaluation of computer-aided drafting skills, procedures and models
 | **B** |
| * demonstration of computer-aided drafting industry practices, skills and drawing procedures when drafting and presenting a CAD model of a single-component product
 | * interpretation of computer-aided drafting client briefs and technical information when drafting and presenting a CAD model of a single-component product
 | * selection of computer-aided drafting industry practices and drafting skills and procedures when drafting and presenting a CAD model of a single-component product
 | * evaluation of computer-aided drafting skills, procedures and models
 | **C** |
| * inconsistent demonstration of computer-aided drafting industry practices, skills and drawing procedures when drafting and presenting a CAD model of a single-component product
 | * narrow and unsupported interpretation of computer-aided drafting client briefs and technical information when drafting and presenting a CAD model of a single-component product
 | * inconsistent selection of computer-aided drafting industry practices and drafting skills and procedures when drafting and presenting a CAD model of a single-component product
 | * narrow and unsupported evaluation of computer-aided drafting skills, procedures and models
 | **D** |
| * incorrect demonstration of computer-aided drafting industry practices, skills and drawing procedures when drafting and presenting a CAD model of a single-component product.
 | * superficial and unsubstantiated interpretation of computer-aided drafting client briefs and technical information when drafting and presenting a CAD model of a single-component product.
 | * incorrect selection of computer-aided drafting industry practices and drafting skills and procedures when drafting and presenting a CAD model of a single-component product.
 | * superficial and unsubstantiated evaluation of computer-aided drafting skills, procedures and models.
 | **E** |

**Instrument-specific standards (D1): Practical demonstration — Construction industry**

| Demonstrate | Interpret | Select | Evaluate | Grade |
| --- | --- | --- | --- | --- |
| The student work has the following characteristics: |
| * comprehensive demonstration of construction industry practices, skills and drawing procedures when drafting 2D plans for basic civil works
 | * insightful and justified interpretation of construction client briefs and technical information when drafting 2D plans for basic civil works
 | * strategic selection of construction industry practices and drafting skills and procedures when drafting 2D plans for basic civil works
 | * insightful and justified evaluation of construction drawing production skills, procedures and 2D plans for basic civil works
 | **A** |
| * consistent demonstration of construction industry practices, skills and drawing procedures when drafting 2D plans for basic civil works
 | * detailed and supported interpretation of construction client briefs and technical information when drafting 2D plans for basic civil works
 | * consistent selection of construction industry practices and drafting skills and procedures when drafting 2D plans for basic civil works
 | * detailed and supported evaluation of construction drawing production skills, procedures and 2D plans for basic civil works
 | **B** |
| * demonstration of construction industry practices, skills and drawing procedures when drafting 2D plans for basic civil works
 | * interpretation of construction client briefs and technical information when drafting 2D plans for basic civil works
 | * selection of construction industry practices and drafting skills and procedures when drafting 2D plans for basic civil works
 | * evaluation of construction drawing production skills, procedures and 2D plans for basic civil works
 | **C** |
| * inconsistent demonstration of construction industry practices, skills and drawing procedures when drafting 2D plans for basic civil works
 | * narrow and unsupported interpretation of construction client briefs and technical information when drafting 2D plans for basic civil works
 | * inconsistent selection of construction industry practices and drafting skills and procedures when drafting 2D plans for basic civil works
 | * narrow and unsupported evaluation of construction drawing production skills, procedures and 2D plans for basic civil works
 | **D** |
| * incorrect demonstration of construction industry practices, skills and drawing procedures when drafting 2D plans for basic civil works.
 | * superficial and unsubstantiated interpretation of construction client briefs and technical information when drafting 2D plans for basic civil works.
 | * incorrect selection of construction industry practices and drafting skills and procedures when drafting 2D plans for basic civil works.
 | * superficial and unsubstantiated evaluation of construction drawing production skills, procedures and 2D plans for basic civil works
 | **E** |

**Instrument-specific standards (E1): Practical demonstration — Engineering industry**

| Demonstrate | Interpret | Select | Evaluate | Grade |
| --- | --- | --- | --- | --- |
| The student work has the following characteristics: |
| * comprehensive demonstration of engineering drafting industry practices, skills and drawing procedures when drafting a fabricated sheet metal product
 | * insightful and justified interpretation of engineering drafting client briefs and technical information when drafting a fabricated sheet metal product
 | * strategic selection of engineering drafting industry practices and drafting skills and procedures when drafting a fabricated sheet metal product
 | * insightful and justified evaluation of engineering drafting drawing production skills, procedures and plans when drafting a fabricated sheet metal product
 | **A** |
| * consistent demonstration of engineering drafting industry practices, skills and drawing procedures when drafting a fabricated sheet metal product
 | * detailed and supported interpretation of engineering drafting client briefs and technical information when drafting a fabricated sheet metal product
 | * consistent selection of engineering drafting industry practices and drafting skills and procedures when drafting a fabricated sheet metal product
 | * detailed and supported evaluation of engineering drafting drawing production skills, procedures and plans when drafting a fabricated sheet metal product
 | **B** |
| * demonstration of engineering drafting industry practices, skills and drawing procedures when drafting a fabricated sheet metal product
 | * interpretation of engineering drafting client briefs and technical information when drafting a fabricated sheet metal product
 | * selection of engineering drafting industry practices and drafting skills and procedures when drafting a fabricated sheet metal product
 | * evaluation of engineering drafting drawing production skills, procedures and plans when drafting a fabricated sheet metal product
 | **C** |
| * inconsistent demonstration of engineering drafting industry practices, skills and drawing procedures when drafting a fabricated sheet metal product
 | * narrow and unsupported interpretation of engineering drafting client briefs and technical information when drafting a fabricated sheet metal product
 | * inconsistent selection of engineering drafting industry practices and drafting skills and procedures when drafting a fabricated sheet metal product
 | * narrow and unsupported evaluation of engineering drafting drawing production skills, procedures and plans when drafting a fabricated sheet metal product
 | **D** |
| * incorrect demonstration of engineering drafting industry practices, skills and drawing procedures when drafting a fabricated sheet metal product.
 | * superficial and unsubstantiated interpretation of engineering drafting client briefs and technical information when drafting a fabricated sheet metal product.
 | * incorrect selection of engineering drafting industry practices and drafting skills and procedures when drafting a fabricated sheet metal product.
 | * superficial and unsubstantiated evaluation of engineering drafting drawing production skills, procedures and plans when drafting a fabricated sheet metal product.
 | E |

**Instrument-specific standards (F1): Practical demonstration — Furnishing industry**

| Demonstrate | Interpret | Select | Evaluate | Grade |
| --- | --- | --- | --- | --- |
| The student work has the following characteristics: |
| * comprehensive demonstration of furnishing drafting industry practices and drawing processes when drafting a set of drawings for a mass-produced furniture product
 | * insightful and justified interpretation of furnishing drafting client briefs and technical information when drafting a set of drawings for a mass-produced furniture product
 | * strategic selection of furnishing drafting industry practices and drafting skills and procedures when drafting a set of drawings for a mass-produced furniture product
 | * insightful and justified evaluation of furnishing drafting drawing production skills, procedures and plans for a set of drawings for a mass-produced furniture product
 | **A** |
| * consistent demonstration of furnishing drafting industry practices and drawing processes when drafting a set of drawings for a mass-produced furniture product
 | * detailed and supported interpretation of furnishing drafting client briefs and technical information when drafting a set of drawings for a mass-produced furniture product
 | * consistent selection of furnishing drafting industry practices and drafting skills and procedures when drafting a set of drawings for a mass-produced furniture product
 | * detailed and supported evaluation of furnishing drafting drawing production skills, procedures and plans for a set of drawings for a mass-produced furniture product
 | **B** |
| * demonstration of furnishing drafting industry practices and drawing processes when drafting a set of drawings for a mass-produced furniture product
 | * interpretation of furnishing drafting client briefs and technical information when drafting a set of drawings for a mass-produced furniture product
 | * selection of furnishing drafting industry practices and drafting skills and procedures when drafting a set of drawings for a mass-produced furniture product
 | * evaluation of furnishing drafting drawing production skills, procedures and plans for a set of drawings for a mass-produced furniture product
 | **C** |
| * inconsistent demonstration of furnishing drafting industry practices and drawing processes when drafting a set of drawings for a mass-produced furniture product
 | * narrow and unsupported interpretation of furnishing drafting client briefs and technical information when drafting a set of drawings for a mass-produced furniture product
 | * inconsistent selection of furnishing drafting industry practices and drafting skills and procedures when drafting a set of drawings for a mass-produced furniture product
 | * narrow and unsupported evaluation of furnishing drafting drawing production skills, procedures and plans for a set of drawings for a mass-produced furniture product
 | **D** |
| * incorrect demonstration of furnishing drafting industry practices and drawing processes when drafting a set of drawings for a mass-produced furniture product.
 | * superficial and unsubstantiated interpretation of furnishing drafting client briefs and technical information when drafting a set of drawings for a mass-produced furniture product.
 | * incorrect selection of furnishing drafting industry practices and drafting skills and procedures when drafting a set of drawings for a mass-produced furniture product.
 | * superficial and unsubstantiated evaluation of furnishing drafting drawing production skills, procedures and plans for a set of drawings for a mass-produced furniture product.
 | **E** |

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