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| Industrial Technology Skills 2024 v1.0  [#]2: Project [— topic] Workshop sample assessment template This 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 (A2): Project — Site preparation and foundations

| Demonstrate | Interpret | Select | Sequence | Evaluate | Adapt | 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 structure | * insightful and justified interpretation of drawings and technical information when constructing a site preparation and foundations structure | * strategic selection of industry practices, and production skills and procedures when constructing a site preparation and foundations structure | * strategic sequencing of production processes when constructing a site preparation and foundations structure | * insightful and justified evaluation of production skills, procedures and a site preparation and foundations structure | * insightful and justified adaptation of production plans, skills and procedures when constructing a site preparation and foundations structure | **A** |
| * consistent demonstration of industry practices, and production skills and procedures when constructing a site preparation and foundations structure | * detailed and supported interpretation of drawings and technical information when constructing a site preparation and foundations structure | * consistent selection of industry practices, and production skills and procedures when constructing a site preparation and foundations structure | * consistent sequencing of production processes when constructing a site preparation and foundations structure | * detailed and supported evaluation of production skills, procedures and a site preparation and foundations structure | * detailed and supported adaptation of production plans, skills and procedures when constructing a site preparation and foundations structure | **B** |
| * demonstration of industry practices, and production skills and procedures when constructing a site preparation and foundations structure | * interpretation of drawings and technical information when constructing a site preparation and foundations structure | * selection of industry practices, and production skills and procedures when constructing a site preparation and foundations structure | * sequencing of production processes when constructing a site preparation and foundations structure | * evaluation of production skills, procedures and a site preparation and foundations structure | * adaptation of production plans, skills and procedures when constructing a site preparation and foundations structure | **C** |
| * inconsistent demonstration of industry practices, and production skills and procedures when constructing a site preparation and foundations structure | * narrow and unsupported interpretation of drawings and technical information when constructing a site preparation and foundations structure | * inconsistent selection of industry practices, and production skills and procedures when constructing a site preparation and foundations structure | * inconsistent sequencing of production skills or procedures when constructing a site preparation and foundations structure | * narrow and unsupported evaluation of production skills, procedures and a site preparation and foundations structure | * narrow and unsupported adaptation of production plans, skills and procedures when constructing a site preparation and foundations structure | **D** |
| * incorrect demonstration of industry practices, and production skills and procedures when constructing a site preparation and foundations structure. | * superficial and unsubstantiated interpretation of drawings and technical information when constructing a site preparation and foundations structure. | * incorrect selection of industry practices, and production skills and procedures when constructing a site preparation and foundations structure. | * incorrect sequencing of production skills or procedures when constructing a site preparation and foundations structure. | * superficial and unsubstantiated evaluation of production skills, procedures and a site preparation and foundations structure. | * superficial and unsubstantiated adaptation of production plans, skills and procedures when constructing a site preparation and foundations structure. | **E** |

## Instrument-specific standards (B2): Project — Framing and cladding

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

## Instrument-specific standards (C2): Project — Fixing and finishing

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

## Instrument-specific standards (D2): Project — Domestic building

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

## Instrument-specific standards (E2): Project — Commercial building

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

## Instrument-specific standards (F2): Project — Civil construction

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

## Instrument-specific standards (A2): Project — Fitting and machining

| Demonstrate | Interpret | Select | Sequence | Evaluate | Adapt | 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 product | * insightful and justified interpretation of fitting and machining drawings and technical information when manufacturing a fitting and machining product | * strategic selection of fitting and machining industry practices, and production skills and procedures when manufacturing a fitting and machining product | * strategic sequencing of fitting and machining production processes when manufacturing a fitting and machining product | * insightful and justified evaluation of fitting and machining production skills, procedures and a fitting and machining product | * insightful and justified adaptation of fitting and machining production plans, skills and procedures when manufacturing a fitting and machining product | **A** |
| * consistent demonstration of fitting and machining industry practices, and production skills and procedures when manufacturing a fitting and machining product | * detailed and supported interpretation of fitting and machining drawings and technical information when manufacturing a fitting and machining product | * consistent selection of fitting and machining industry practices, and production skills and procedures when manufacturing a fitting and machining product | * consistent sequencing of fitting and machining production processes when manufacturing a fitting and machining product | * detailed and supported evaluation of fitting and machining production skills, procedures and a fitting and machining product | * detailed and supported adaptation of fitting and machining production plans, skills and procedures when manufacturing a fitting and machining product | **B** |
| * demonstration of fitting and machining industry practices, and production skills and procedures when manufacturing a fitting and machining product | * interpretation of fitting and machining drawings and technical information when manufacturing a fitting and machining product | * selection of fitting and machining industry practices, and production skills and procedures when manufacturing a fitting and machining product | * sequencing of fitting and machining industry production processes when manufacturing a fitting and machining product | * evaluation of fitting and machining production skills, procedures and a fitting and machining product | * adaptation of fitting and machining production plans, skills and procedures when manufacturing a fitting and machining product | **C** |
| * inconsistent demonstration of production skills and procedures when manufacturing an incomplete fitting and machining product with obvious inaccuracies | * narrow and unsupported reference to drawings when manufacturing an incomplete fitting and machining product with obvious inaccuracies | * inconsistent selection of production skills and procedures when manufacturing an incomplete fitting and machining product with obvious inaccuracies | * inconsistent sequencing of production skills or procedures when manufacturing an incomplete fitting and machining product with obvious inaccuracies | * narrow and unsupported evaluation of production skills, procedures, or an incomplete fitting and machining product with obvious inaccuracies | * narrow and unsupported adaptations to production skills or procedures when manufacturing an incomplete fitting and machining product with obvious inaccuracies | **D** |
| * incorrect demonstration of production skills and procedures when manufacturing aspects of a fitting and machining product. | * superficial and unsubstantiated reference to drawings when manufacturing aspects of a fitting and machining product. | * incorrect selection of production skills and procedures when manufacturing aspects of a fitting and machining product. | * incorrect sequencing of production skills or procedures when manufacturing aspects of a fitting and machining product. | * statements made about production skills, procedures or aspects of a fitting and machining product. | * changes made to skills or procedures when manufacturing aspects of a fitting and machining product. | **E** |

## Instrument-specific standards (B2): Project — Welding and fabrication

| Demonstrate | Interpret | Select | Sequence | Evaluate | Adapt | 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 product | * insightful and justified interpretation of welding and fabrication drawings and technical information when manufacturing a welding and fabrication product | * strategic selection of welding and fabrication industry practices, and production skills and procedures when manufacturing a welding and fabrication product | * strategic sequencing of welding and fabrication production processes when manufacturing a welding and fabrication product | * insightful and justified evaluation of welding and fabrication production skills, procedures and a welding and fabrication product | * insightful and justified adaptation of welding and fabrication production plans, skills and procedures when manufacturing a welding and fabrication product | **A** |
| * consistent demonstration of welding and fabrication industry practices, and production skills and procedures when manufacturing a welding and fabrication product | * detailed and supported interpretation of welding and fabrication drawings and technical information when manufacturing a welding and fabrication product | * consistent selection of welding and fabrication industry practices, and production skills and procedures when manufacturing a welding and fabrication product | * consistent sequencing of welding and fabrication production processes when manufacturing a welding and fabrication product | * detailed and supported evaluation of welding and fabrication production skills, procedures and a welding and fabrication product | * detailed and supported adaptation of welding and fabrication production plans, skills and procedures when manufacturing a welding and fabrication product | **B** |
| * demonstration of welding and fabrication industry practices, and production skills and procedures when manufacturing a welding and fabrication product | * interpretation of welding and fabrication drawings and technical information when manufacturing a welding and fabrication product | * selection of welding and fabrication industry practices, and production skills and procedures when manufacturing a welding and fabrication product | * sequencing of welding and fabrication industry production processes when manufacturing a welding and fabrication product | * evaluation of welding and fabrication production skills, procedures and a welding and fabrication product | * adaptation of welding and fabrication production plans, skills and procedures when manufacturing a welding and fabrication product | **C** |
| * inconsistent demonstration of production skills and procedures when manufacturing an incomplete welding and fabrication product with obvious inaccuracies | * narrow and unsupported reference to drawings when manufacturing an incomplete welding and fabrication product with obvious inaccuracies | * inconsistent selection of production skills and procedures when manufacturing an incomplete welding and fabrication product with obvious inaccuracies | * inconsistent sequencing of production skills or procedures when manufacturing an incomplete welding and fabrication product with obvious inaccuracies | * narrow and unsupported evaluation of production skills, procedures, or an incomplete welding and fabrication product with obvious inaccuracies | * narrow and unsupported adaptations to production skills or procedures when manufacturing an incomplete welding and fabrication product with obvious inaccuracies | **D** |
| * incorrect demonstration of production skills and procedures when manufacturing aspects of a welding and fabrication product. | * superficial and unsubstantiated reference to drawings when manufacturing aspects of a welding and fabrication product. | * incorrect selection of production skills and procedures when manufacturing aspects of a welding and fabrication product. | * incorrect sequencing of production skills or procedures when manufacturing aspects of a welding and fabrication product. | * statements made about production skills, procedures or aspects of a welding and fabrication product. | * changes made to skills or procedures when manufacturing aspects of a welding and fabrication product. | **E** |

## Instrument-specific standards (C2): Project — Sheet metal working

| Demonstrate | Interpret | Select | Sequence | Evaluate | Adapt | 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 product | * insightful and justified interpretation of sheet metal working drawings and technical information when manufacturing a sheet metal product | * strategic selection of sheet metal working industry practices, and production skills and procedures when manufacturing a sheet metal product | * strategic sequencing of sheet metal working production processes when manufacturing a sheet metal product | * insightful and justified evaluation of sheet metal working production skills, procedures and a sheet metal product | * insightful and justified adaptation of sheet metal working production plans, skills and procedures when manufacturing a sheet metal product | **A** |
| * consistent demonstration of sheet metal working industry practices, and production skills and procedures when manufacturing a sheet metal product | * detailed and supported interpretation of sheet metal working drawings and technical information when manufacturing a sheet metal product | * consistent selection of sheet metal working industry practices, and production skills and procedures when manufacturing a sheet metal product | * consistent sequencing of sheet metal working production processes when manufacturing a sheet metal product | * detailed and supported evaluation of sheet metal working production skills, procedures and a sheet metal product | * insightful and justified adaptation of sheet metal working production plans, skills and procedures when manufacturing a sheet metal product | **B** |
| * demonstration of sheet metal working industry practices, and production skills and procedures when manufacturing a sheet metal product | * interpretation of sheet metal working drawings and technical information when manufacturing a sheet metal product | * selection of sheet metal working industry practices, and production skills and procedures when manufacturing a sheet metal product | * sequencing of sheet metal working industry production processes when manufacturing a sheet metal product | * evaluation of sheet metal working production skills, procedures and a sheet metal product | * adaptation of sheet metal working production plans, skills and procedures when manufacturing a sheet metal product | **C** |
| * inconsistent demonstration of production skills and procedures when manufacturing an incomplete sheet metal product with obvious inaccuracies | * narrow and unsupported reference to drawings when manufacturing an incomplete sheet metal product with obvious inaccuracies | * inconsistent selection of production skills and procedures when manufacturing an incomplete sheet metal product with obvious inaccuracies | * inconsistent sequencing of production skills or procedures when manufacturing an incomplete sheet metal product with obvious inaccuracies | * narrow and unsupported evaluation of production skills, procedures, or an incomplete sheet metal product with obvious inaccuracies | * narrow and unsupported adaptations to production skills or procedures when manufacturing an incomplete sheet metal product with obvious inaccuracies | **D** |
| * incorrect demonstration of production skills and procedures when manufacturing aspects of a sheet metal product. | * superficial and unsubstantiated reference to drawings when manufacturing aspects of a sheet metal product. | * incorrect selection of production skills and procedures when manufacturing aspects of a sheet metal product. | * incorrect sequencing of production skills or procedures when manufacturing aspects of a sheet metal product. | * statements made about production skills, procedures or aspects of a sheet metal product. | * changes made to skills or procedures when manufacturing aspects of a sheet metal product. | **E** |

## Instrument-specific standards (D2): Project — Structural engineering

| Demonstrate | Interpret | Select | Sequence | Evaluate | Adapt | 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 product | * insightful and justified interpretation of structural engineering drawings and technical information when manufacturing a structural engineering product | * strategic selection of structural engineering industry practices, and production skills and procedures when manufacturing a structural engineering product | * strategic sequencing of structural engineering production processes when manufacturing a structural engineering product | * insightful and justified evaluation of structural engineering production skills, procedures and a structural engineering product | * insightful and justified adaptation of structural engineering production plans, skills and procedures when manufacturing a structural engineering product | **A** |
| * consistent demonstration of structural engineering industry practices, and production skills and procedures when manufacturing a structural engineering product | * detailed and supported interpretation of structural engineering drawings and technical information when manufacturing a structural engineering product | * consistent selection of structural engineering industry practices, and production skills and procedures when manufacturing a structural engineering product | * consistent sequencing of structural engineering production processes when manufacturing a structural engineering product | * detailed and supported evaluation of structural engineering production skills, procedures and a structural engineering product | * detailed and supported adaptation of structural engineering production plans, skills and procedures when manufacturing a structural engineering product | **B** |
| * demonstration of structural engineering industry practices, and production skills and procedures when manufacturing a structural engineering product | * interpretation of structural engineering drawings and technical information when manufacturing a structural engineering product | * selection of structural engineering industry practices, and production skills and procedures when manufacturing a structural engineering product | * sequencing of structural engineering industry production processes when manufacturing a structural engineering product | * evaluation of structural engineering production skills, procedures and a structural engineering product | * adaptation of structural engineering production plans, skills and procedures when manufacturing a structural engineering product | **C** |
| * inconsistent demonstration of production skills and procedures when manufacturing an incomplete structural engineering product with obvious inaccuracies | * narrow and unsupported reference to drawings when manufacturing an incomplete structural engineering product with obvious inaccuracies | * inconsistent selection of production skills and procedures when manufacturing an incomplete structural engineering product with obvious inaccuracies | * inconsistent sequencing of production skills or procedures when manufacturing an incomplete structural engineering product with obvious inaccuracies | * narrow and unsupported evaluation of production skills, procedures, or an incomplete structural engineering product with obvious inaccuracies | * narrow and unsupported adaptations to production skills or procedures when manufacturing an incomplete structural engineering product with obvious inaccuracies | **D** |
| * incorrect demonstration of production skills and procedures when manufacturing aspects of a structural engineering product. | * superficial and unsubstantiated reference to drawings when manufacturing aspects of a structural engineering product. | * incorrect selection of production skills and procedures when manufacturing aspects of a structural engineering product. | * incorrect sequencing of production skills or procedures when manufacturing aspects of a structural engineering product. | * statements made about production skills, procedures or aspects of a structural engineering product. | * changes made to skills or procedures when manufacturing aspects of a structural engineering product. | **E** |

## Instrument-specific standards (E2): Project — Transport engineering

| Demonstrate | Interpret | Select | Sequence | Evaluate | Adapt | 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 product | * insightful and justified interpretation of transport engineering drawings and technical information when manufacturing a transport engineering product | * strategic selection of transport engineering industry practices, and production skills and procedures when manufacturing a transport engineering product | * strategic sequencing of transport engineering production processes when manufacturing a transport engineering product | * insightful and justified evaluation of transport engineering production skills, procedures and a transport engineering product | * insightful and justified adaptation of transport engineering production plans, skills and procedures when manufacturing a transport engineering product | **A** |
| * consistent demonstration of transport engineering industry practices, and production skills and procedures when manufacturing a transport engineering product | * detailed and supported interpretation of transport engineering drawings and technical information when manufacturing a transport engineering product | * consistent selection of transport engineering industry practices, and production skills and procedures when manufacturing a transport engineering product | * consistent sequencing of transport engineering production processes when manufacturing a transport engineering product | * detailed and supported evaluation of transport engineering production skills, procedures and a transport engineering product | * detailed and supported adaptation of transport engineering production plans, skills and procedures when manufacturing a transport engineering product | **B** |
| * demonstration of transport engineering industry practices, and production skills and procedures when manufacturing a transport engineering product | * interpretation of transport engineering drawings and technical information when manufacturing a transport engineering product | * selection of transport engineering industry practices, and production skills and procedures when manufacturing a transport engineering product | * sequencing of transport engineering industry production processes when manufacturing a transport engineering product | * evaluation of transport engineering production skills, procedures and a transport engineering product | * adaptation of transport engineering production plans, skills and procedures when manufacturing a transport engineering product | **C** |
| * inconsistent demonstration of production skills and procedures when manufacturing an incomplete transport engineering product with obvious inaccuracies | * narrow and unsupported reference to drawings when manufacturing an incomplete transport engineering product with obvious inaccuracies | * inconsistent selection of production skills and procedures when manufacturing an incomplete transport engineering product with obvious inaccuracies | * inconsistent sequencing of production skills or procedures when manufacturing an incomplete transport engineering product with obvious inaccuracies | * narrow and unsupported evaluation of production skills, procedures, or an incomplete transport engineering product with obvious inaccuracies | * narrow and unsupported adaptations to production skills or procedures when manufacturing an incomplete transport engineering product with obvious inaccuracies | **D** |
| * incorrect demonstration of production skills and procedures when manufacturing aspects of a transport engineering product. | * superficial and unsubstantiated reference to drawings when manufacturing aspects of a transport engineering product. | * incorrect selection of production skills and procedures when manufacturing aspects of a transport engineering product. | * incorrect sequencing of production skills or procedures when manufacturing aspects of a transport engineering product. | * statements made about production skills, procedures or aspects of a transport engineering product. | * changes made to skills or procedures when manufacturing aspects of a transport engineering product. | **E** |

## Instrument-specific standards (F2): Project — Manufacturing engineering

| Demonstrate | Interpret | Select | Sequence | Evaluate | Adapt | 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 product | * insightful and justified interpretation of manufacturing engineering drawings and technical information when manufacturing a manufacturing engineering product | * strategic selection of manufacturing engineering industry practices, and production skills and procedures when manufacturing a manufacturing engineering product | * strategic sequencing of manufacturing engineering production processes when manufacturing a manufacturing engineering product | * insightful and justified evaluation of manufacturing engineering production skills, procedures and a manufacturing engineering product | * insightful and justified adaptation of manufacturing engineering production plans, skills and procedures when manufacturing a manufacturing engineering product | **A** |
| * consistent demonstration of manufacturing engineering industry practices, and production skills and procedures when manufacturing a manufacturing engineering product | * detailed and supported interpretation of manufacturing engineering drawings and technical information when manufacturing a manufacturing engineering product | * consistent selection of manufacturing engineering industry practices, and production skills and procedures when manufacturing a manufacturing engineering product | * consistent sequencing of manufacturing engineering production processes when manufacturing a manufacturing engineering product | * detailed and supported evaluation of manufacturing engineering production skills, procedures and a manufacturing engineering product | * detailed and supported adaptation of manufacturing engineering production plans, skills and procedures when manufacturing a manufacturing engineering product | **B** |
| * demonstration of manufacturing engineering industry practices, and production skills and procedures when manufacturing a manufacturing engineering product | * interpretation of manufacturing engineering drawings and technical information when manufacturing a manufacturing engineering product | * selection of manufacturing engineering industry practices, and production skills and procedures when manufacturing a manufacturing engineering product | * sequencing of manufacturing engineering industry production processes when manufacturing a manufacturing engineering product | * evaluation of manufacturing engineering production skills, procedures and a manufacturing engineering product | * adaptation of manufacturing engineering production plans, skills and procedures when manufacturing a manufacturing engineering product | **C** |
| * inconsistent demonstration of production skills and procedures when manufacturing an incomplete manufacturing engineering product with obvious inaccuracies | * narrow and unsupported reference to drawings when manufacturing an incomplete manufacturing engineering product with obvious inaccuracies | * inconsistent selection of production skills and procedures when manufacturing an incomplete manufacturing engineering product with obvious inaccuracies | * inconsistent sequencing of production skills or procedures when manufacturing an incomplete manufacturing engineering product with obvious inaccuracies | * narrow and unsupported evaluation of production skills, procedures, or an incomplete manufacturing engineering product with obvious inaccuracies | * narrow and unsupported adaptations to production skills or procedures when manufacturing an incomplete manufacturing engineering product with obvious inaccuracies | **D** |
| * incorrect demonstration of production skills and procedures when manufacturing aspects of a manufacturing engineering product. | * superficial and unsubstantiated reference to drawings when manufacturing aspects of a manufacturing engineering product. | * incorrect selection of production skills and procedures when manufacturing aspects of a manufacturing engineering product. | * incorrect sequencing of production skills or procedures when manufacturing aspects of a manufacturing engineering product. | * statements made about production skills, procedures or aspects of a manufacturing engineering product. | * changes made to skills or procedures when manufacturing aspects of a manufacturing engineering product. | **E** |

## Instrument-specific standards (A2): Project — Furniture-making

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

## Instrument-specific standards (B2): Project — Cabinet-making

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

## Instrument-specific standards (C2): Project — Interior furnishing

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

## Instrument-specific standards (D2): Project — Domestic furniture

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

## Instrument-specific standards (E2): Project — Commercial furniture

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

## Instrument-specific standards (F2): Project — Bespoke furniture

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

## Instrument-specific standards (A2): Project — Residential building

| Demonstrate | Interpret | Select | Sequence | Evaluate | Adapt | Grade |
| --- | --- | --- | --- | --- | --- | --- |
| The student work has the following characteristics: | | | | | | |
| * comprehensive demonstration of residential building industry practices, and drafting skills and procedures when drafting a renovation or extension to an existing residence | * insightful and justified interpretation of residential building client briefs and technical information when drafting a renovation or extension to an existing residence | * strategic selection of residential building industry practices, and drafting skills and procedures when drafting a renovation or extension to an existing residence | * strategic sequencing of residential building drafting processes when drafting a renovation or extension to an existing residence | * insightful and justified evaluation of residential building drafting skills, procedures and building plans | * insightful and justified adaptation of residential building drafting skills and planned procedures when drafting a renovation or extension to an existing residence | **A** |
| * consistent demonstration of residential building industry practices, and drafting skills and procedures when drafting a renovation or extension to an existing residence | * detailed and supported interpretation of residential building client briefs and technical information when drafting a renovation or extension to an existing residence | * consistent selection of residential building industry practices, and drafting skills and procedures when drafting a renovation or extension to an existing residence | * consistent sequencing of residential building drafting processes when drafting a renovation or extension to an existing residence | * detailed and supported evaluation of residential building drafting skills, procedures and building plans | * detailed and supported adaptation of residential building drafting skills and planned procedures when drafting a renovation or extension to an existing residence | **B** |
| * demonstration of residential building industry practices, and drafting skills and procedures when drafting a renovation or extension to an existing residence | * interpretation of residential building client briefs and technical information when drafting a renovation or extension to an existing residence | * selection of residential building industry practices, and drafting skills and procedures when drafting a renovation or extension to an existing residence | * sequencing of residential building drafting processes when drafting a renovation or extension to an existing residence | * evaluation of residential building drafting skills, procedures and building plans | * adaptation of residential building drafting skills and planned procedures when drafting a renovation or extension to an existing residence | **C** |
| * inconsistent demonstration of residential building industry practices, and drafting skills and procedures when drafting a renovation or extension to an existing residence | * narrow and unsupported interpretation of residential building client briefs and technical information when drafting a renovation or extension to an existing residence | * inconsistent selection of residential building industry practices, and drafting skills and procedures when drafting a renovation or extension to an existing residence | * inconsistent sequencing of residential building drafting processes when drafting a renovation or extension to an existing residence | * narrow and unsupported evaluation of residential building drafting skills, procedures and building plans | * narrow and unsupported adaptation of residential building drafting skills and planned procedures when drafting a renovation or extension to an existing residence | **D** |
| * incorrect demonstration of residential building industry practices, and drafting skills and procedures when drafting a renovation or extension to an existing residence | * superficial and unsubstantiated interpretation of residential building client briefs and technical information when drafting a renovation or extension to an existing residence. | * incorrect selection of residential building industry practices and drafting skills and procedures when drafting a renovation or extension to an existing residence. | * incorrect sequencing of residential building drafting processes when drafting a renovation or extension to an existing residence. | * superficial and unsubstantiated evaluation of residential building drafting skills, procedures and building plans. | * superficial and unsubstantiated adaptation of residential building drafting skills and planned procedures when drafting a renovation or extension to an existing residence. | **E** |

## Instrument-specific standards (B2): Project — Computer-aided manufacturing

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

## Instrument-specific standards (C2): Project — Computer-aided drafting

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

## Instrument-specific standards (D2): Project — Construction industry

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

## Instrument-specific standards (E2): Project — Engineering industry

| Demonstrate | Interpret | Select | Sequence | Evaluate | Adapt | Grade |
| --- | --- | --- | --- | --- | --- | --- |
| The student work has the following characteristics: | | | | | | |
| * comprehensive demonstration of engineering drafting industry practices, skills and drawing procedures when drafting an engineered product with fits and tolerances | * insightful and justified interpretation of engineering drafting client briefs and technical information when drafting an engineered product with fits and tolerances | * strategic selection of engineering drafting industry practices and drafting skills and procedures when drafting an engineered product with fits and tolerances | * strategic sequencing of engineering drafting drawing processes when drafting an engineered product with fits and tolerances | * insightful and justified evaluation of engineering drafting drawing production skills, procedures and plans for an engineered product with fits and tolerances | * insightful and justified adaptation of engineering drafting processes, skills, procedures and plans when drafting an engineered product with fits and tolerances | **A** |
| * consistent demonstration of engineering drafting industry practices, skills and drawing procedures when drafting an engineered product with fits and tolerances | * detailed and supported interpretation of engineering drafting client briefs and technical information when drafting an engineered product with fits and tolerances | * consistent selection of engineering drafting industry practices and drafting skills and procedures when drafting an engineered product with fits and tolerances | * consistent sequencing of engineering drafting drawing processes when drafting an engineered product with fits and tolerances | * detailed and supported evaluation of engineering drafting drawing production skills, procedures and plans for an engineered product with fits and tolerances | * detailed and supported adaptation of engineering drafting processes, skills, procedures and plans when drafting an engineered product with fits and tolerances | **B** |
| * demonstration of engineering drafting industry practices, skills and drawing procedures when drafting an engineered product with fits and tolerances | * interpretation of engineering drafting client briefs and technical information when drafting an engineered product with fits and tolerances | * selection of engineering drafting industry practices and drafting skills and procedures when drafting an engineered product with fits and tolerances | * sequencing of engineering drafting drawing processes when drafting an engineered product with fits and tolerances | * evaluation of engineering drafting drawing production skills, procedures and plans for an engineered product with fits and tolerances | * adaptation of engineering drafting processes, skills, procedures and plans when drafting an engineered product with fits and tolerances | **C** |
| * inconsistent demonstration of engineering drafting industry practices, skills and drawing procedures when drafting an engineered product with fits and tolerances | * narrow and unsupported interpretation of engineering drafting client briefs and technical information when drafting an engineered product with fits and tolerances | * inconsistent selection of engineering drafting industry practices and drafting skills and procedures when drafting an engineered product with fits and tolerances | * inconsistent sequencing of engineering drafting drawing processes when drafting an engineered product with fits and tolerances | * narrow and unsupported evaluation of engineering drafting drawing production skills, procedures and plans for an engineered product with fits and tolerances | * narrow and unsupported adaptation of engineering drafting processes, skills, procedures and plans when drafting an engineered product with fits and tolerances | **D** |
| * incorrect demonstration of engineering drafting industry practices, skills and drawing procedures when drafting an engineered product with fits and tolerances | * superficial and unsubstantiated interpretation of engineering drafting client briefs and technical information when drafting an engineered product with fits and tolerances. | * incorrect selection of engineering drafting industry practices and drafting skills and procedures when drafting an engineered product with fits and tolerances. | * incorrect sequencing of engineering drafting drawing processes when drafting an engineered product with fits and tolerances. | * superficial and unsubstantiated evaluation of engineering drafting drawing production skills, procedures and plans for an engineered product with fits and tolerances. | * superficial and unsubstantiated adaptation of engineering drafting processes, skills, procedures and plans when drafting an engineered product with fits and tolerances. | **E** |

## Instrument-specific standards (F2): Project — Furnishing industry

| Demonstrate | Interpret | Select | Sequence | Evaluate | Adapt | 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 bespoke furniture product | * insightful and justified interpretation of furnishing drafting client briefs and technical information when drafting a set of drawings for a bespoke furniture product | * strategic selection of furnishing drafting industry practices and drafting skills and procedures when drafting a set of drawings for a bespoke furniture product | * strategic sequencing of furnishing drafting drawing requirements when drafting a set of drawings for a bespoke furniture product | * insightful and justified evaluation of furnishing drafting drawing production skills, procedures and plans for a set of drawings for a bespoke furniture product | * insightful and justified adaptation of furnishing drafting processes, skills, procedures and plans when drafting a set of drawings for a bespoke furniture product | **A** |
| * consistent demonstration of furnishing drafting industry practices and drawing processes when drafting a set of drawings for a bespoke furniture product | * detailed and supported interpretation of furnishing drafting client briefs and technical information when drafting a set of drawings for a bespoke furniture product | * consistent selection of furnishing drafting industry practices and drafting skills and procedures when drafting a set of drawings for a bespoke furniture product | * consistent sequencing furnishing drafting drawing requirements when drafting a set of drawings for a bespoke furniture product | * detailed and supported evaluation of furnishing drafting drawing production skills, procedures and plans for a set of drawings for a bespoke furniture product | * detailed and supported adaptation of furnishing drafting processes, skills, procedures and plans when drafting a set of drawings for a bespoke furniture product | **B** |
| * demonstration of furnishing drafting industry practices and drawing processes when drafting a set of drawings for a bespoke furniture product | * interpretation of furnishing drafting client briefs and technical information when drafting a set of drawings for a bespoke furniture product | * selection of furnishing drafting industry practices and drafting skills and procedures when drafting a set of drawings for a bespoke furniture product | * sequencing furnishing drafting drawing requirements when drafting a set of drawings for a bespoke furniture product | * evaluation of furnishing drafting drawing production skills, procedures and plans for a set of drawings for a bespoke furniture product | * adaptation of furnishing drafting processes, skills, procedures and plans when drafting a set of drawings for a bespoke furniture product | **C** |
| * inconsistent demonstration of furnishing drafting industry practices and drawing processes when drafting a set of drawings for a bespoke furniture product | * narrow and unsupported interpretation of furnishing drafting client briefs and technical information when drafting a set of drawings for a bespoke furniture product | * inconsistent selection of furnishing drafting industry practices and drafting skills and procedures when drafting a set of drawings for a bespoke furniture product | * inconsistent sequencing furnishing drafting drawing requirements when drafting a set of drawings for a bespoke furniture product | * narrow and unsupported evaluation of furnishing drafting drawing production skills, procedures and plans for a set of drawings for a bespoke furniture product | * narrow and unsupported adaptation of furnishing drafting processes, skills, procedures and plans when drafting a set of drawings for a bespoke furniture product | **D** |
| * incorrect demonstration of furnishing drafting industry practices and drawing processes when drafting a set of drawings for a bespoke furniture product | * superficial and unsubstantiated interpretation of furnishing drafting client briefs and technical information when drafting a set of drawings for a bespoke furniture product. | * incorrect selection of furnishing drafting industry practices and drafting skills and procedures when drafting a set of drawings for a bespoke furniture product. | * incorrect sequencing furnishing drafting drawing requirements when drafting a set of drawings for a bespoke furniture product. | * superficial and unsubstantiated evaluation of furnishing drafting drawing production skills, procedures and plans for a set of drawings for a bespoke furniture product. | * superficial and unsubstantiated adaptation of furnishing drafting processes, skills, procedures and plans when drafting a set of drawings for a bespoke furniture product. | **E** |

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