DEFINITION OF THE EVALUATION DOMAIN

Course
Basic Computer Science
CMP-B101-2

Program of Study
Computer Science

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Elements of the Definition of the Evaluation Domain

The definition of the evaluation domain developed for a course is intended to provide information on the related content and weighting of the evaluation of learning, both in support of learning and for certification and recognition purposes. It also contains information concerning the specifications of the evaluation situation for certification purposes for the course concerned.

The **class of situations** specifies the context in which learning and evaluation are conducted.

Evaluation criteria are the essential subjects for defining the evaluation domain. Found in the courses, they are important qualitative benchmarks required for the evaluation of learning. The categories of actions are used to define the evaluation criteria.

The **indicators** are derived from the end-of-course outcomes. They represent the observable behaviours in an evaluation situation. The indicators make the evaluation criteria operational.

The **operational competencies** are integrated into the indicators of the evaluation criteria. Analysis of the course content has revealed that the actions related to the operational competencies are closely linked to the indicators. When an indicator is linked to an operational competency, it is specified next to the indicator.

The **essential knowledge** is part of a group of resources to be used in dealing with an evaluation situation, as are the operational competencies.

Weighting is established by taking into account the relative importance of the evaluation criteria, the relative importance of the essential knowledge used and the teaching time required for the categories of actions associated with the evaluation criterion.

The section on the **evaluation content and weighting** ensures correspondence between a course and the evaluation situations, whether in support of learning or for certification and recognition purposes.

The section on the **specifications of the evaluation situation** provides the guidelines for determining evaluation situations for certification and recognition purposes.

Note: The elements of the Definition of the Evaluation Domain are defined by the ministère de l'Éducation, du Loisir et du Sport.

Evaluation Content and Weighting
Course: *Basic Computer Science*
CMP-B101-2

Course: Basic Computer Science	Operational Competencies[1]:
Subject Area: Mathematics, Science and Technology	• Acts methodically. (OC3)
Program of Study: Computer Science	

Class of Situations
Exposure to a computer environment

Evaluation Criterion: C1 Correctly explores an application using a mouse **(50 %)**

Indicators:

1.1	Verify his/her understanding of the steps in the task. (OC3)
1.2	Follow proposed instructions carefully. (OC 3)
1.3	Launch an application from the *Desktop.*
1.4	Activate the icons or commands required to complete the task. (OC 3)
1.5	Use the provided address or a *list of bookmarks* to display a specific Internet site.
1.6	Recognize and use hyperlinks.
1.7	Save pages of interest in the *list of bookmarks*

Evaluation Criterion: C2 Correctly enters a short document using the keyboard **(50 %)**

Indicators:

2.1	Indentify and perform the necessary actions to complete the task. (OC 3)
2.2	Enter a short document of several lines.
2.3	Save his/her document.
2.4	Print his/her document.
2.5	Evaluate the various steps in the task completed. (OC 3)

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[1] The operational competencies addressed in Common Core Basic Education are: communicates (OC1), cooperates (OC2), acts methodically (OC3), uses creativity (CP4), exercises critical and ethical judgment (OC5) and thinks logically (OC6). The operational competencies develop throughout the adult program in different courses. An analysis of the course contents has revealed that their manifestation is directly linked to the indicators of the evaluation criteria, as well as to the end-of-course outcomes.

<h1 style="text-align:center">Specifications for the Evaluation Situation
Sanction and Certification</h1>

The Evaluation Situation for Certification Purposes

The evaluation situation must be developed within the Class of Situations *« Exposure to a computer environment »*. The situation must be global, complex and significant for the adult. The situation comprises several tasks associated with the evaluation criteria indicators.

The Evaluation Criteria and Indicators

All evaluation criteria must be addressed in the evaluation situation for certification, however all indicators are not automatically measured. A sufficient number of indicators must be retained to ensure that each criterion is justly measured.

- ❖ **(C1)   Correctly explores an application using a mouse**

    For this criterion, the measured indicators must be chosen from 1.1 to 1.7.

- ❖ **(C2)   Correctly enters a short document using the keyboard**

    For this criterion, the measured indicators must be chosen from 2.1 to 2.5.

Justification of Weighting

Using a mouse (C1) and keyboard (C2) are of equal importance when functioning within a computer environment. Therefore, each is given the same weighting.

Essential Knowledge

The essential knowledge contained in the evaluation situation for certification purposes may be chosen from:

- ❖ Recognizing the main components and peripherals of a microcomputer
- ❖ Glossary
- ❖ Using the mouse
- ❖ Using the keyboard
- ❖ Desktop Elements
- ❖ Using an application

Data Collecting Tools

The data collection tools chosen must be pertinent for each evaluation criterion and the related tasks.

Evaluation Instruments

The preferred evaluation instrument in an evaluation situation for certification and recognition purposes is the criterion-referenced evaluation grid. An adult's performance is translated into an evaluation grid for each criterion. The grid is designed in relation to the data collected by the collection tools linked to the indicators measure.

Specific Conditions

- The time required to complete an evaluation situation will be related to the complexity of the tasks.
- All required tasks of the evaluation situation must be completed within a one to three hour timeframe.

Communication of Result

The result may be communicated as « Pass » or « FAIL » or as a « MARK ». The pass mark is 60 % for the complete evaluation situation.