DEFINITION OF THE EVALUATION DOMAIN

Course
Computer Search
CMP-1102-1

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: *Computer Search*
CMP-1102-1

Course: Computer Search	Operational Competencies[1]:
Subject Area: Mathematics, Science and Technology	• Thinks logically. (OC6)
Program of Study: Computer Science	• Exercises critical and ethical judgment. (OC5))

Class of Situations

Conducting computer searches

Evaluation Criterion: C1   Establishes a relevant search strategy   **(25 %)**

Indicators:

1.1   Accurately define the search topic. (OC6)
1.2   Determine research hypothesis. (OC6)
1.3   Select appropriate keywords. (OC6)
1.4   Identify relevant search criteria. (OC6)
1.5   Compare various search tools. (OC6)

Evaluation Criterion: C2   Applies appropriate search techniques   **(25 %)**

Indicators:

2.1   Perform simple searches using logical operators.
2.2   Perform advanced searches using logical and relational operators

Evaluation Criterion: C3   Processes the results rigorously   **(50 %)**

Indicators:

3.1   Consider the relevance of the information viewed.
3.2   Sort the pertinent information. (OC5)
3.3   Analyze the results carefully. (OC6)
3.4   Verify the credibility of the information and the validity of its sources. (OC5)
3.5   Question the values conveyed in the information. (OC5)
3.6   Make a judgment based on values and the values of society. (OC5)

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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 « *Conducting computer searches* ». 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)   Establishes a relevant search strategy**

  For this criterion, the measured indicators must be chosen from 1.1 to 1.5.

- ❖ **(C2)   Applies appropriate search techniques**

  For this criterion, the measured indicators must be chosen from 2.1 to 2.2.

- ❖ **(C3)   Processes the results rigorously**

  For this criterion, the measured indicators must be chosen from 3.1 to 3.6.

Justification of Weighting

The rigourous treatment of the results (C3) constitutes the core of the competency, followed by the ability to establish a relevant search strategy (C1). The application of appropriate search techniques has the least importance (C2).

Essential Knowledge

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

- ❖ Basic notions of computer search
- ❖ Simple searches
- ❖ Advanced searches
- ❖ Viewing data and results

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 measured.

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.
- The use of encyclopaedias, electronic dictionaries and reference manuals is recommended.

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.