Mapping of training materials

Introduction

Main concepts

Evidence of learning, Digital evidence analysis, Data literacy, Self-regulated learning, Learning Analytics (LA), LA and metacognitive decision-making, LA and engagement, LA: Algorithms and Dashboards, Moodle tools and recommendations for practice, Optional readings

Unit 1

Designing evidence-based teaching and learning strategies that foster self-regulated learning in VLE

Sub-Unit 1.1

How to design metacognitive teaching and learning strategies?

MAIN TOPICS
Design of metacognitive learning strategies to foster student engagement and activities that generate evidence and inform course design.

Best practice example

Sub-Unit 1.2

How to set course activities' settings to track learners' engagement?

MAIN TOPICS
Recommendations on the important settings to take into consideration when designing learning activities in the LMS.

Best practice example

Sub-Unit 1.3

How to select and embed digital tools that capture data on learner progress?

MAIN TOPICS
Selection of tools inside and outside the LMS that support teaching and learning and generate evidence-based data.

Best practice example

QUIZZ and Self-reflective Questions

Unit 2

Analysing and interpreting evidence-based data to inform teaching and learning

Sub-Unit 2.1

How to analyse and interpret available evidence on learner activity and progress to support engagement?

MAIN TOPICS
Strategic questions for teachers to determine which learning tests to consider and list of reports that generate data on student engagement and progress.

Best practice example

Sub-Unit 2.2

How to make data-informed teaching and learning interventions through reports?

MAIN TOPICS
Strategies for analysing data on the course, its design and the resources used and improvement interventions based on the information gathered.

Best practice example

QUIZZ and Self-reflective Questions

Unit 3

Supporting and engaging learners through evidence-based data.

Sub-Unit 3.1

How to foster student engagement?

MAIN TOPICS
Strategies and tools to engage students and gather evidence of their commitment and motivation with the aim of readjusting learning activities.

Best practice example

Sub-Unit 3.2

How to increase students' engagement through customizable dashboards?

MAIN TOPICS
Learning analytic dashboards (LAD) and guidelines to exploit their potential to engage learners and foster SRL skills.

Best practice example

QUIZZ and Self-reflective Questions

Self-checking tool