



COURSE OUTLINE: ELD105 - LEARNING MGMT SYSTEM

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Approved: Karen Hudson, Chair, Community Services and Interdisciplinary Studies

Course Code: Title	ELD105: LEARNING MANAGEMENT SYSTEMS
Program Number: Name	1228: E-LEARNING TRAIN DEV 1229: E-LEARNING DES & DEV
Department:	GENERAL ARTS & SCIENCE
Academic Year:	2023-2024
Course Description:	In this course, learners will explore a variety of learning and course management systems used for online learning. Learners will become familiar with the features and tools to support learners in an online learning environment. Learners will discover how learning management systems can be utilized in a manner that supports active learning for both instructors and participants.
Total Credits:	3
Hours/Week:	3
Total Hours:	42
Prerequisites:	There are no pre-requisites for this course.
Corequisites:	There are no co-requisites for this course.
This course is a pre-requisite for:	ELD205
Vocational Learning Outcomes (VLO's) addressed in this course:	<p>1228 - E-LEARNING TRAIN DEV</p> <p>VLO 1 Facilitate online and technology-mediated learning to support student success.</p> <p>VLO 3 Evaluate and recommend learning strategies and solutions when developing and designing courses for a variety of learning and course management systems.</p> <p>VLO 6 Integrate fundamentals of design, animation, audio, and video to develop interactive online learning resources using a wide range of educational technological tools and systems.</p> <p>1229 - E-LEARNING DES & DEV</p> <p>VLO 1 Facilitate online and technology-mediated learning to support student success.</p> <p>VLO 3 Evaluate and recommend learning strategies and solutions when developing and designing courses for a variety of learning and course management systems.</p> <p>VLO 6 Integrate fundamentals of design, animation, audio, and video to develop interactive online learning resources using a wide range of educational technological tools and systems.</p>
Essential Employability Skills (EES) addressed in this course:	<p>EES 1 Communicate clearly, concisely and correctly in the written, spoken, and visual form that fulfills the purpose and meets the needs of the audience.</p> <p>EES 2 Respond to written, spoken, or visual messages in a manner that ensures effective communication.</p>



- EES 4 Apply a systematic approach to solve problems.
- EES 5 Use a variety of thinking skills to anticipate and solve problems.
- EES 6 Locate, select, organize, and document information using appropriate technology and information systems.
- EES 7 Analyze, evaluate, and apply relevant information from a variety of sources.
- EES 8 Show respect for the diverse opinions, values, belief systems, and contributions of others.
- EES 9 Interact with others in groups or teams that contribute to effective working relationships and the achievement of goals.
- EES 10 Manage the use of time and other resources to complete projects.
- EES 11 Take responsibility for ones own actions, decisions, and consequences.

Course Evaluation:

Passing Grade: 50%, D

A minimum program GPA of 2.0 or higher where program specific standards exist is required for graduation.

Other Course Evaluation & Assessment Requirements:

Learners within this Post-Graduate program must maintain a cumulative program average of 63% or higher to be eligible for co-op or field placement.

Course Outcomes and Learning Objectives:

Course Outcome 1	Learning Objectives for Course Outcome 1
1. Appraise different brands of Learning Management Systems (LMS) to make informed decisions regarding their selection and implementation in educational or organizational contexts.	1.1 Define the term Learning Management System (LMS) 1.2 Describe the key features and functionalities of different learning management systems (LMS) 1.3 Evaluate the reputation and track record of different LMS brands within the educational or organizational community 1.4 Compare and contrast the strengths and limitations of different LMS platforms in terms of their usability, scalability, customization options, and integration capabilities 1.5 Evaluate the suitability of different LMS solutions for specific educational contexts or organizational needs, considering factors such as user requirements, course design, and technical infrastructure 1.6 Examine the customization and personalization options offered by LMS platforms, such as branding, themes, and user preferences.
Course Outcome 2	Learning Objectives for Course Outcome 2
2. Display organized content using the functionalities, features, and tools within Learning Management Systems.	2.1 Structure learning content within the LMS in a logical and intuitive manner, using features such as modules, lessons, topics, or units, to facilitate easy navigation and access for learners 2.2 Explore different formats and presentation styles for



	<p>displaying learning content within the LMS, such as textual materials, multimedia elements</p> <p>2.3 Utilize the text editing tools provided by the LMS to format and structure textual content, ensuring readability, coherence, and consistency</p> <p>2.4 Incorporate multimedia elements effectively into the learning content, utilizing the LMS features for embedding and displaying images, videos, audio recordings, and presentations</p>
Course Outcome 3	Learning Objectives for Course Outcome 3
3. Create effective and meaningful assessments in an online learning environment using the assessment features of a Learning Management System.	<p>3.1 Describe the assessment features available in a Learning Management System</p> <p>3.2 Explore different question types and formats within the LMS for creating diverse assessments, including multiple-choice, short-answer, essay, and matching questions</p> <p>3.3 Customize assessment parameters within the LMS, such as time limits, attempts, and grading criteria</p> <p>3.4 Analyze the options for plagiarism detection and prevention within the LMS</p> <p>3.5 Investigate methods for integrating external assessment tools and resources with the LMS, ensuring a comprehensive and varied assessment approach</p> <p>3.6 Reflect on the benefits and limitations of the assessment features within the LMS, considering factors such as ease of use, scalability, and support for innovative assessment approaches</p>
Course Outcome 4	Learning Objectives for Course Outcome 4
4. Test the analytics features of a Learning Management System (LMS) to gather and analyze data for informed decision-making and continuous improvement of online learning experiences.	<p>4.1 Describe the key concepts and principles of learning analytics within a Learning Management System (LMS), including data collection, analysis, and interpretation</p> <p>4.2 Explore the analytics features and tools available in the LMS, such as tracking learner progress, generating reports, and visualizing data</p> <p>4.3 Interpret data from the LMS analytics to gain insights into learner engagement, participation, performance, and overall learning outcomes</p> <p>4.4 Evaluate the effectiveness and impact of instructional strategies, learning materials, and assessments on learner outcomes using LMS analytics</p>
Course Outcome 5	Learning Objectives for Course Outcome 5
5. Promote accessibility in the design and utilization of	5.1 Describe the concept of accessibility in the context of online learning and the use of Learning Management Systems (LMS)


	<p>a Learning Management System (LMS) to provide inclusive and equitable learning experiences for all users.</p>	<p>52. Analyze the accessibility features and options provided by the LMS, including support for assistive technologies, keyboard navigation, alternative text for images, and captioning for multimedia.</p> <p>5.3 Evaluate the usability and user experience of the LMS from an accessibility perspective, considering factors such as navigability, screen reader compatibility, and color contrast</p> <p>5.4 Apply accessibility principles when creating and organizing course content within the LMS, such as proper heading structure, descriptive links, clear instructions, and readable fonts.</p> <p>5.5 Evaluate the accessibility of different content types within the LMS, such as text, images, audio, video, and interactive elements, ensuring they are perceivable, operable, and understandable by diverse users</p>
	<p>Course Outcome 6</p> <p>6. Evaluate the collaboration features of a Learning Management System (LMS) to promote engagement, communication, and collaboration among learners and instructors/facilitators in an online learning environment.</p>	<p>Learning Objectives for Course Outcome 6</p> <p>6.1 Explore different modes of communication and collaboration offered by the LMS, such as synchronous and asynchronous interactions, to engage learners and facilitate meaningful interactions.</p> <p>6.2 Analyze the possibilities for integrating external collaboration tools, such as video conferencing platforms or project management tools, with the LMS to enhance collaboration experiences.</p> <p>6.3 Describe the collaboration features available within a Learning Management System (LMS), such as discussion forums, group projects, messaging, and virtual classrooms.</p> <p>6.4 Reflect on the benefits and challenges of utilizing collaboration features within the LMS, considering factors such as learner engagement, social presence, and fostering a sense of community.</p>

Evaluation Process and Grading System:

Evaluation Type	Evaluation Weight
Application-Based Weekly LMS Activities (15%
Project Based: Building a Module (CLOs 2, 3, 4, 5)	25%
Reflection Learning Log (CLOs 1-6)	15%
Weekly Discussion Forums (CLOs 1-6) 5 at varying percentages	20%
Written Assignment- LMS Proposal (CLOs 1, 4, 5, 6)	25%

Date: August 23, 2023

Addendum: Please refer to the course outline addendum on the Learning Management System for further

 information.