

# COM1255: E-Learning & Learning Management Systems

**Level:** Introductory

**Prerequisite:** None

**Description:** Students explore the elements of e-learning within a learning management system. They explore the appropriate use of tools and skills required to successfully implement an e-learning plan and evaluate their readiness to form educational relationships that will cross time and distance.

**Parameters:** An electronic device that has Internet access.

**Outcomes:** The student will:

## **1. demonstrate effective synchronous and asynchronous communication with the teacher and other students for the purposes of e-learning**

- 1.1 compare and contrast communication in social networking and public digital environments to communication in a closed learning management system
- 1.2 analyze and demonstrate the effective use of communication tools (synchronous and asynchronous) that are required to support e-learning in a learning management system
- 1.3 demonstrate an understanding of effective communication cycles that support e-learning
- 1.4 demonstrate and participate in the effective use of online meeting tools with voice, application share and embedded webcam
- 1.5 investigate and describe techniques for forming and maintaining online relationships with teachers and peers for the purpose of e-learning
- 1.6 evaluate the need and role of online relationships in e-learning

## **2. demonstrate an understanding of the differences between e-learning and traditional classroom-based experiences**

- 2.1 compare and contrast e-learning with the traditional classroom model
- 2.2 create a time management plan and apply effective strategies to accomplish learning within the time given
- 2.3 create a personal e-learning plan that integrates learning management system tools to help facilitate success
- 2.4 assist in the personalization of his or her program based on his or her considerations of past and current educational settings
- 2.5 define and evaluate digital literacy as it relates to his or her planning for personal e-learning
- 2.6 describe digital tools available to support different learning styles in a learning management system

## **3. manage computer/electronic device operations in the context of a learning management system**

- 3.1 apply file management skills and conventions simultaneously on personal electronic devices and in a learning management system

- 3.2 identify and troubleshoot/resolve conflicts between operating systems and learning management systems
- 3.3 access and use assistive technologies effectively as they relate to an e-learning plan; e.g., speech recognition, video and audio playback

#### **4. apply consistent and appropriate work station routines**

- 4.1 demonstrate good health and safety practices; e.g., posture, positioning of hardware and furniture
- 4.2 demonstrate security for hardware, software, supplies and personal work

#### **5. demonstrate appropriate elements of digital citizenship**

- 5.1 identify and explain the International Society for Technology in Education's nine elements of digital citizenship:
  - 5.1.1 access
  - 5.1.2 commerce
  - 5.1.3 communication
  - 5.1.4 literacy
  - 5.1.5 etiquette
  - 5.1.6 law
  - 5.1.7 rights and responsibilities
  - 5.1.8 health and wellness
  - 5.1.9 security
- 5.2 apply the elements of digital citizenship in evaluating the safety and application of social networking and texting technologies
- 5.3 identify and evaluate cases of copyright infringement and plagiarism
- 5.4 identify the costs and consequences associated with copyright infringement and plagiarism
- 5.5 describe digital techniques for tracking, filtering, identifying and investigating suspected cases of plagiarism (inside and outside of learning management systems)

#### **6. identify copyright restrictions and permissions and put them into practice**

#### **7. demonstrate basic competencies**

- 7.1 demonstrate fundamental skills to:
  - 7.1.1 communicate
  - 7.1.2 manage information
  - 7.1.3 use numbers
  - 7.1.4 think and solve problems
- 7.2 demonstrate personal management skills to:
  - 7.2.1 demonstrate positive attitudes and behaviours

- 7.2.2 be responsible
- 7.2.3 be adaptable
- 7.2.4 learn continuously
- 7.2.5 work safely
- 7.3 demonstrate teamwork skills to:
  - 7.3.1 work with others
  - 7.3.2 participate in projects and tasks

**8. make personal connections to the cluster content and processes to inform possible pathway choices**

- 8.1** complete/update a personal inventory; e.g., interests, values, beliefs, resources, prior learning and experiences
- 8.2** create a connection between a personal inventory and occupational choices