

COSI 211 : Workplace Technology

This course introduces learners to the selection and use of computer-based media, multi-media, and conventional media, in the preparation of materials for instructional purposes. Special attention is given to computer hardware and software involved in computer-based media production, digital formatting technology, and multimedia production processes. Learners will have the fluency to discuss the characteristics, advantages, limitations, and applications of each of the media and technologies discussed in the course.

Credits 3

Prerequisites

(LIBR 150 may be taken concurrently).

Prerequisite Courses

LIBR 150

Course Outcomes

After successfully completing the course, the learner will be able to:

- Select and use media and technologies on the basis of a consistent, coherent rationale in which media effectively support learning.
- Justify instructional media decisions in terms of philosophical, psychological, and pedagogical principles.
- Analyze instructional situations in terms of the media and methods that would be most appropriate for different types of learners and learning tasks.
- Specify instructional objectives clearly.
- Integrate media and technologies into instruction systematically (e.g. design lessons using accepted instructional design models and pedagogical theory).
- Describe the characteristics, advantages, limitations, and applications of each of the media and technologies discussed in the course.
- Use appropriate information sources to identify and evaluate materials.

Competency

Technological Literacy