

Course Profile: Technology Applications in Education and Training

Course Number: LIS 6360 (IT 5110)

Title: Technology Applications in Education and Training

Credits: 2

Prerequisite(s):

Rationale for Inclusion in Curriculum:

The school library media specialist's responsibilities in the school media program require competence in the selection and utilization of media to facilitate, improve, and support the instruction and learning process. This introductory course enables students to practice basic techniques in the systematic design of instruction, gain skills in evaluating educational products, and understand the specialist's role as instructional consultant to staff.

Course Objectives:

1. Students will practice techniques relating to the systematic design of instruction.
2. Students will analyze the use of selected instructional methods/means that have been found useful in learning settings.
3. Students will practice selection and evaluation techniques as applied to various types of instructional materials.

Competencies Expected:

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| Goal 1 | <ol style="list-style-type: none">1. Given components of a systematic approach to instruction, the student will select an instructional product to identify, in written form, each of the given components.2. The learner will translate the model into an outline for an instructional product.3. The learner will generate an instructional product which includes the components of a systematic approach to instructional.4. Students will select and apply rules for strategies used for different types of learning as determined by the nature of needs of cognitive, affective, and psychomotor behaviors; such approaches giving practices to the task analysis required by learning at levels of identifying, naming, describing, ordering, and constructing; or association; conception, and problem solving.5. The student will apply a process for learner verification of the effectiveness of instructional products; e.g., field testing, accountability, grading and/or other facets of evaluation. |
| Goal 2 | <ol style="list-style-type: none">6. The student will analyze instructional situations according to what was done, why it was done, and its value to them. |
| Goal 3 | <ol style="list-style-type: none">7. Given problems of instructional design, the student will apply knowledge of resources/media to optimum solution of the problem.8. The student will select, demonstrate and evaluate activities used before during, |

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and after mediated instruction to increase its/their effectiveness.

9. The student will apply principles and practices of evaluation of non-book materials (audio; visual; audio/visual; boxed materials, community resources; mass media).

Content:

In order of goals noted above.

Course Methodology:

Lectures and demonstrations

Bases for Evaluation of Student Performance:

Projects

Text: To Be Determined

Revised: 8/97