MURRAY STATE UNIVERSITY
College of Education
Department of Adolescent, Career and Special Education

COURSE NUMBER: CTE 576  Credit Hours: 3.0

I. TITLE: Emerging Trends in Instructional Technology

II. CATALOG DESCRIPTION:

This course will provide an overview of emerging trends and issues in instructional technology affecting Career and Technical Education. The focus is on emerging and innovative technology, instructional design, standards, and online learning environments.

III. PURPOSE:

The purpose of this course is to provide knowledge of emerging instructional technology trends in the field of Career and Technical Education.

IV. COURSE OBJECTIVES:

Class activities will be centered on the attainment of the course objectives listed below. These objectives are understood to be reflective of, but not limited to those behaviors advocated by the Kentucky Education Reform Act guidelines. Following each objective, and enclosed in parentheses, are numbers which reference the Kentucky Experienced Teacher Standards for Preparation and Certification (ETS) and the International Society for Technology in Education (ISTE) National Educational Technology Standards for Teachers (NETS-T) addressed by that objective. Upon successful completion of this class, students will be able to:

- Describe technology and its effectiveness in the learning environment. [ETS III, V, IX, X] [NETS-T I, II]
- Synthesize instructional technology innovations toward future implementation in the learning environment. [ETS X] [NETS-T II, VI]
- Develop methods to apply instructional technology into a learning environment. [ETS III, IV] [NETS-T II, III, IV, V]
- Describe policies, standards, and issues concerning instructional technology in the classroom. [ETS I, X] [NETS-T VI]

V. CONTENT OUTLINE:

- Effective Technology Based Learning Environments
  - Instructional Design and Pedagogy/Andrology
  - Redefining Instructors’ and Students’ Roles
V. INSTRUCTIONAL ACTIVITIES:

- Lecture
- Demonstration
- Discussion
- Group problems and activities using appropriate instructional technologies
- Student projects and presentations using appropriate instructional technologies

VI. FIELD AND CLINICAL ACTIVITIES:

Library

VII. GRADING PROCEDURES:

<table>
<thead>
<tr>
<th>Assignments</th>
<th>Points</th>
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</thead>
<tbody>
<tr>
<td>Midterm</td>
<td>100</td>
</tr>
<tr>
<td>Web Assignment</td>
<td>100</td>
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<tr>
<td>Individual Project</td>
<td>100</td>
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<tr>
<td>Class Presentations</td>
<td>100</td>
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<tr>
<td>Final</td>
<td>100</td>
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Total 500
X. **ATTENDANCE POLICY:**

This course adheres to the policy published in the current MSU Graduate Bulletin.

XI. **ACADEMIC HONESTY POLICY:**

Cheating, plagiarism (submitting another person’s materials as one’s own), or doing work for another person which will receive academic credit are all impermissible. This includes the use of unauthorized books, notebooks, or other sources in order to secure or give help during an examination, the unauthorized copying of examinations, assignments, reports, or term papers, or the presentation of unacknowledged materials as if it were the student’s own work. Disciplinary action may be taken beyond the academic discipline administered by the faculty member who teaches the course in which the cheating took place.

XII. **TEXT and REFERENCES:**

Blackboard.com Course Site

XIII. **PREREQUISITES:**

None.