



**Professional Education Unit**  
Foundational and Graduate Studies in Education

Integrating Technology into the Classroom (Face-to-face)  
EDEL 302 001  
Fall 2009

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**Course Description:** EDEL 302. Integrating Technology into the Classroom. (3-0-3); I, II. Focus on the principles of instructional technology and the appropriate integration of technology into the classroom for both teaching and learning. **Prerequisite:** CIS 101 or EDUC 222 **Co-requisite:** EDSP 367 and EDEM 330

**Required Field Experience Hours:** 7

***“Community Engagement: A Light to and from the Mountains”***

*The Professional Education Unit at Morehead State University delivers rigorous, high quality programs that prepare professionals informed by best national and international scholarship, plus research, literature, and experiences specific to Appalachia- preparing professionals to improve the schools, quality of life, and the communities in which they live and serve. This statement is not only the strategic mission for the College, but it also incorporates the conceptual framework that guides all our activities.*

**Conceptual Framework Outcomes (CFO's):**

The Unit and the faculty within individual programs assess the degree to which its graduates:

- 1) Master the content knowledge, professional and the twenty – first century skills need to make an optimal contribution to “whole” student learning in education settings.
- 2) Are competent in the collection and use of data to inform decision – making and to demonstrate accountability for student learning.
- 3) Demonstrate professional dispositions

4) Are culturally competent and understand the regions from which they have come utilizing knowledge and experiences to effectively “bridge the gaps” (economic, achievement, and geographic) ensuring optimal learning for all students.

5) Engage in authentic field experiences in collaboration with committed school – based partners and are empowered to improve the quality of education throughout this region and beyond.

**Student Learning Outcomes (SLO’s):** By the end of this course, the candidate will be able to:

1. Students will define the meaning of technology, instructional technology, and how instructional technology fits in the design of instruction.
2. Students will use their understanding of the basic components of computer hardware and software to select appropriate classroom computer technology to support classroom teaching and learning
3. Students will create a technology supported KTIP lesson plan.
4. Students will design effective instructional bulletin boards.
5. Students will create and present technology enhanced lesson plans.
6. Students will search and select Internet resources to support instruction.
7. Students will use databases and spreadsheets to maintain student information and support instruction.
8. Students will recognize various types of adaptive technology.
9. Students will collaborate with each other and the instructor in face-to-face and virtual learning situations to design and develop technology enhanced instructional strategies.
10. Students will engage in active discussions concerning the use of technology in the classroom

**NCATE/ EPSB Accreditation Alignment of CFOs and SLOs:**

<b>Program: [ P-5, 5-9, &amp; Special Ed. ]EDEL 302 Integrating Technology into the Classroom</b>					
<b>Aligned with▶</b>	<b>Kentucky Teacher Standards (KYS)</b>	<b>Kentucky Education Reform Act (KERA)</b>	<b>Education Professional Standards Board (EPSB)</b>	<b>ISTE Standards</b>	<b>NCATE</b>
<b>Assessment▼ (point values)</b>					
WebQuest w/ lesson plan CFO: 1, 4 SLO: 2,3,5,6	I, II, VIII, IX	Students address various Core Content and Program of Study standards based on the content and grade level they select as a focus for their instruction	Technology, Assessment, Achievement Gap	2,3,4	1b, 1c, 1d
Digital storybook CFO: 1, 4 SLO: 2,3,5,6	I, II, VIII, IX	Students address various Core Content and Program of Study standards	Technology, Assessment, Achievement Gap	2,3,4	1b, 1c, 1d

		based on the content and grade level they select as a focus for their instruction			
Multimedia project CFO: 1, 4 SLO: 2,3,5,6	I, II, VIII, IX	Students address various Core Content and Program of Study standards based on the content and grade level they select as a focus for their instruction	Technology, Assessment, Achievement Gap	2,3,4	1b, 1c, 1d
Interactive bulletin board CFO: 1, 4 SLO: 2,3,4,5,6,9	I, II, III, VI, VIII, IX	Students address various Core Content and Program of Study standards based on the content and grade level they select as a focus for their instruction	Technology, Assessment, Achievement Gap	2,3,4	1b, 1c, 1d
Digital portfolio CFO: 1, 4 SLO: 2,3,5,6	I, II, VIII, IX	N/A	Technology, Assessment, Achievement Gap	2,3,4	1b, 1c, 1d
Quizzes CFO: 1, 4 SLO: 1,2,3,5,6	I, II, VIII, IX	N/A	Technology, Assessment, Achievement Gap	2,3,4	1b, 1c, 1d
Participation, BlackBoard, & homework assignments CFO: 1, 4 SLO: 1,2,6,7,8,9,10	I, II, III, VI, VIII, IX, X	N/A	Technology, Assessment, Achievement Gap	1,2,3,4,5	1b, 1c, 1d

**Assignment Descriptions:**

<b>Program: [ P-5, 5-9, &amp; Special Ed. ]</b>	
<b>EDEL 302 Integrating Technology into the Classroom</b>	
<b>Assessment (point value)</b>	<b>Description</b>
Quizzes (up to 50 pts)	Pop quizzes will be given at various times through the semester to gauge student knowledge and understanding of readings and content discussed in class.
Interactive Bulletin Board (140)	The purpose of this project is to create a bulletin board that focuses on

pts)	interactive learning. Each class will be broken into multiple teams that will work together to create an interactive bulletin board that promotes active learning. Each group must work as a team, which will require each member to contribute equally through finances, time, and effort. While the group will receive the same score for the bulletin board, each class member will also provide a reflection about the project that will be added to the individual final scores. A log of time put into the project will be required.
Webquest (100 pts)	This project will focus on using a self-created WebQuest to enhance the learning for a particular lesson. Each class member will develop a KTIP lesson plan that utilizes a self-created WebQuest. How you use the WebQuest in your lesson will only be limited by your creativity.
Digital Storybook (100 pts)	Students/candidates will construct a digital storybook using Microsoft PowerPoint. The digital storybook will consist of 15 slides, incorporate images, sounds, animations, and in some cases navigation buttons. The digital storybook will be evaluated on the criteria of organization and layout, use of animations, use of images, use of sound, and technical quality (spelling, grammar, appropriate use of color, etc), completeness. <b>(70 points)</b> Candidates will also be evaluated for presentation of the project in the class.
Multimedia Project (10 pts)	You will work in a team to develop a documentary video regarding a specific topic. The project will incorporate the use of recorded audio, video, digital pictures. Additionally, the video should demonstrate the appropriate use of video editing with items such as text, clip work, and transitions.
Participation, BlackBoard, & Homework (up to 100)	Participation and completion of various small homework assignments for submission in class and on BlackBoard will be required.
Digital Portfolio (100 pts)	You will create a digital portfolio using Google Sites to show how you have met the NETS standards throughout this semester. You will include samples of work to demonstrate your current mastery of different standards, and you will follow the outline which will be provided for you. The portfolio will include hyperlinks, photographs, clipart, audio, and a video clip.

### **Grading Scale:**

WebQuest with Lesson Plan	100
Pop Quizzes	Up to 50
Digital Storybook	100
Multimedia Project	100
Attendance	50
Participation, Blackboard, and Homework	Up to
Assignments	100
Interactive Bulletin Board Project	140
Final Digital Portfolio	100
<b>Maximum Possible Points for this course</b>	<b>740</b>

### **Required Textbooks:**

Selection of online readings will be provided on BlackBoard

### **Course Evaluation:**

Student's course evaluation will be determined by class projects, homework assignments, and class participation. The course evaluation is based on up to a total of 740 points. All assignments are to be turned in on time.

## **Attendance Policy:**

Three absences (**in total**) will be permitted during the semester. Absences over and above this number will incur a 25-point penalty, which can only be made up by completing a research paper. All students who have perfect attendance will receive bonus points. It should be stressed, however, that this class is hands-on and covers a lot of material. If you do miss a class, for any reason, you will certainly need to contact a fellow student to find out what you missed and make it up. It should also be stressed that you should be very careful how you use your ‘free’ absences. If you use them for frivolous purposes, you may find yourself in difficulties if you need to make a doctor’s visit or if you become ill.

Tardiness should be avoided. I prefer to begin class on time, and finish on time. Tardiness and early leaving will be noted in my grade book. Two tardies/early leavings will count as one absence. If you have a serious problem getting to class on time, please come and discuss this with me.

## **Academic Honesty**

Cheating, fabrication, plagiarism or helping others to commit these acts will not be tolerated. Academic dishonesty will result in severe disciplinary action including, but not limited to, failure of the student assessment item or course, and/ or dismissal from MSU. If you are not sure what constitutes academic dishonesty, read the Eagle: Student Handbook or ask your instructor. An example of plagiarism is copying information from the internet when appropriate credit is not given. The policy is located at

<http://morehead-st.edu/units/studentlife/handbook/academicdishonesty.html>

## **Americans with Disabilities Act (ADA)**

In compliance with the ADA, all students with a documented disability are entitled to reasonable accommodations and services to support their academic success and safety. Though a request for services may be made at any time, services are best applied when they are requested at or before the start of the semester. To receive accommodations and services the student should immediately contact the Disability Services Coordinator in the Office of Academic and Career Services, 223 Allie Young Hall, 606-783-5188, [www.moreheadstate.edu/acs/](http://www.moreheadstate.edu/acs/)

## **Campus Safety Statement**

Emergency response information will be discussed in class. Students should familiarize themselves with the nearest exit routes in the event evacuation becomes necessary. You should notify your instructor at the beginning of the semester if you have special needs or will require assistance during an emergency evacuation. Students should familiarize themselves with emergency response protocols at <http://www.moreheadstate.edu/emergency>

## **Course Calendar:**

<b>Date</b>	<b>Topics and Assignments</b>
Aug 17-21 (MWF1)	<b>Topic One: Education in the New Century</b> Online Readings located on BlackBoard

Date	Topics and Assignments
	<ul style="list-style-type: none"> <li>• Course Introduction</li> <li>• Defining technology and instructional technology.</li> <li>• ISTE, NETS and digital portfolios</li> <li>• Using Blackboard</li> </ul>
Aug 24-26 (TTHF2)	<p><b>Topic Two: Traditional Technology with a Spin</b>  Online Readings located on BlackBoard</p> <ul style="list-style-type: none"> <li>• <i>Lesson Planning</i> <ul style="list-style-type: none"> <li>○ Purposes of a lesson plan</li> <li>○ Core Content, Academic Expectations, Program of Studies</li> <li>○ Writing objectives</li> <li>○ Writing KTIP lesson plans</li> </ul> </li> <li>• Creating a technology enhanced lesson plan</li> </ul> <p><b>Interactive Bulletin Board Project Due: Sept. 21</b></p>
Aug 31- Sept 4 (MWF1)	<p><b>Topic Three: Where does the teacher fit?</b>  Online Readings located on BlackBoard</p> <ul style="list-style-type: none"> <li>• <i>Apple Classrooms of Tomorrow – Today</i></li> <li>• <i>Teachers as learners</i></li> <li>• <i>What teachers need</i></li> <li>• <i>Learning Environments</i></li> </ul>
Sept 7-9 (TTHF2)	<p><b>Topic Four: Technology Focus 1</b>  <i>Sept 7<sup>th</sup> Labor Day – No University Classes</i>  Online Readings located on BlackBoard</p> <ul style="list-style-type: none"> <li>• <i>Using a SmartBoard</i></li> <li>• <i>Setting up an IM account</i></li> <li>• <i>Blogging</i></li> <li>• <i>PowerPoint</i> <ul style="list-style-type: none"> <li>○ <i>Basic PowerPoint usage</i></li> <li>○ Rules of PowerPoint</li> <li>○ Inserting pictures, sounds, video</li> <li>○ Hyperlinks: external and internal</li> </ul> </li> <li>• Setting up a digital Portfolio</li> </ul> <p><b>Digital storybook Due: Sept. 30</b></p>
Sept 14-18 (MWF1)	<p><b>Topic Five: Getting Started</b>  Online Readings located on BlackBoard</p> <ul style="list-style-type: none"> <li>• Desktop or Laptop?</li> <li>• Computer Ergonomics</li> <li>• Wireless Setup</li> <li>• Mass Storage</li> <li>• Organizing Your Files</li> <li>• When to Call for Help</li> </ul>
Sept 21-23 (TTHF2)	<p><b>Topic Six: Going Paperless</b>  Online Readings located on BlackBoard</p> <ul style="list-style-type: none"> <li>• Why Go Paperless?</li> <li>• Planning Your Work</li> <li>• Thinking, Writing, and Publishing</li> <li>• In-class time for bulletin boards</li> </ul>
Sept 28-Oct 2 (MWF1)	<p><b>Topic Seven: Using the Internet: Beyond Browsing</b>  Online Readings located on BlackBoard</p> <ul style="list-style-type: none"> <li>• Searching for and selecting web-based resources for teaching and learning.</li> <li>• Evaluating websites</li> <li>• Ethics</li> <li>• Bookmarking</li> <li>• Social Networking</li> </ul>
Oct 5-9 (TTHF2)	<p><b>Topic Eight: WebQuests</b>  Online Readings located on BlackBoard</p> <ul style="list-style-type: none"> <li>• Web Quests and Web-based activities</li> </ul> <p><i>WebQuest Project Due: Nov. 2</i>  <i>Oct 8-9 Fall Break – No University Classes</i></p>
Oct 12-14	<p><b>Topic Nine: Publishing on the Web</b></p>

Date	Topics and Assignments
(TTHF2)	<p>Online Readings located on BlackBoard</p> <ul style="list-style-type: none"> <li>• An Educational Startup Page</li> <li>• Writing for the Web</li> <li>• Looking Good Online</li> <li>• Design Principles for the Web</li> <li>• Displaying Text</li> <li>• Teacher.com</li> <li>• Building a Web Page</li> </ul> <p><b>Final Digital Portfolio Due: Dec 10 10:15-12:15</b></p>
Oct 19-23 (MWF1)	<p><b>Topic Ten: Presenting Ideas</b></p> <p>Online Readings located on BlackBoard</p> <ul style="list-style-type: none"> <li>• Using Presentation programs to support the classroom</li> <li>• PowerPoint Presentations</li> <li>• PowerPoint Hints and Tips</li> <li>• Animation With PowerPoint</li> </ul> <p>Advanced PowerPoint</p>
Oct 26-28 (TTHF2)	<p><b>Topic Eleven: Words and Numbers</b></p> <p>Online Readings located on BlackBoard</p> <ul style="list-style-type: none"> <li>• Word <ul style="list-style-type: none"> <li>○ Editing Text in Word</li> <li>○ Beyond Words</li> <li>○ Brochures in Word</li> <li>○ Newsletters in Word</li> <li>○ Accentuate the Positive: Foreign words</li> <li>○ Math Equations in Word</li> <li>○ Correcting Papers</li> </ul> </li> <li>• Using databases and spreadsheets to support the classroom</li> <li>• Excel <ul style="list-style-type: none"> <li>○ Basic usage</li> <li>○ Setting up a gradebook</li> <li>○ Using graphs</li> <li>○ Using formulae</li> </ul> </li> </ul>
Nov 2-6 (MWF1)	<p><b>Topic Twelve: Images</b></p> <p>Online Readings located on BlackBoard</p> <ul style="list-style-type: none"> <li>• Digital picture taking</li> <li>• Digital image editing</li> <li>• Presentation of WebQuest lessons</li> </ul>
Nov 9-11 (TTHF2) and	<p><b>Topic Thirteen: Video, and Audio</b></p> <p>Online Readings located on BlackBoard</p> <ul style="list-style-type: none"> <li>• Shooting Good Video</li> <li>• Video Editing</li> <li>• <i>Creating Podcasts</i></li> <li>• <b>Multimedia Project Due: Nov 23</b></li> </ul>
Nov 16-20 (MWF1)	<p><b>Topic Fourteen: Games for the Classroom</b></p> <p>Online Readings located on BlackBoard</p> <ul style="list-style-type: none"> <li>• Video Games for the Classroom</li> <li>• In-class session for Multimedia Project</li> </ul>
Nov 23 (M)	<ul style="list-style-type: none"> <li>• <b>Presentation of Multimedia Projects</b></li> </ul> <p><b>Nov 25-27 Thanksgiving – No University Classes</b></p>
Nov 30- Dec 2 (TTHF2)	<p><b>Topic Fifteen: Technology issues for the 21<sup>st</sup> Century</b></p> <p>Online Readings located on BlackBoard</p> <ul style="list-style-type: none"> <li>• <i>Technology for diverse populations</i></li> <li>• <i>Critical Issues in educational technology</i></li> </ul>
Dec 10 10:15-12:15 Exam Week	<p><b>Submission of Digital Portfolios Thursday 12/10 10:15-12:15</b></p>

