

# **The Digital Classroom**

## **Strategies for Learning and Integrating Technology into the Classroom**

### **Graduate Course**

© Teacher Education Institute

#### **Course Description**

Instructional technology has become a vital component of K-12 education. Students are learning how to use technology to complete homework assignments, work collaboratively with their peers, and be successful navigators of the World Wide Web. Technology is emerging every day. Students need the ability to utilize current technology in order to be successful, contributing members of their communities as they become a part of the workforce. Technology can be used within the classroom to enhance learning, motivation, engage students within their learning, and improve the connection between home and school.

This course is designed to prepare educators to integrate technology in order to support engaged and effective K-12 student learning across the content areas. Participants incorporate technology-based instructional design strategies within a student-centered learning environment. In this course, you will examine and explore technology integration strategies within the K-12 environment. Content will include an examination of Internet tools which can be integrated in all classrooms levels and content areas. You will identify advantages for “going paperless” and will explore digital best practices.

#### **Objectives**

**Upon completion of the course the learner will be able to:**

- define what a digital classroom is
- explore the benefits and challenges of a digital classroom
- examine oneself as a digital navigator
- compare and examine Google Docs, Slides and Sheets
- examine Google Classroom in detail
- acquire the tools needed to successfully move towards a digital classroom
- create an organized, ongoing resource list of professional and educational websites
- identify strategies for working with Students with Disabilities
- compare the pros/cons of digital learning
- expand the role of assessment digitally
- apply the latest research regarding digital technology
- explore how social media can impact digital learning
- describe cyberbullying and study strategies to incorporate Internet Safety into daily lessons

## **Curriculum Design**

This is a forty-five hour, three credit graduate level course completed over two weekends or five full days.

## **Course Materials**

*The Google Infused Classroom: A Guidebook to Making Thinking Visible and Amplifying Student Voice*, Holly Clark

## **Session Outline**

### **Session One: Get Connected to Technology**

Content:

1. Member introductions
2. Individual and group expectations
3. Course sessions, resources and requirements
4. Defining The Digital Classroom
5. “Myself as a Digital Navigator”
6. Assignments

### **Session Two: Google Apps for Education**

Content:

1. Google Docs
2. Google Slides
3. Google Sheets
4. Google Classroom
5. Assignments

### **Session Three: Effective Technology Integration**

Content:

1. Classroom Websites
2. Blogs
3. Wikis
4. Podcasts
5. Webquests
6. Assignments

### **Session Four: Collaborative Digital Classrooms**

Content:

1. Effective Digital Communication
2. Collaboration Basics for a Digital World
3. Collaboration Planning Lesson
4. Collaboration Benefits
5. Virtual Meeting Rooms
6. Assignments

### **Session Five: The Digital Classroom for Students With Special Needs**

Content:

1. Websites for Special Need Learners (ELL, Learning Disabled, ADD/ADHD)
2. APPS
3. Pro/Cons
4. Digital Notetaking
5. Assignments

### **Session Six: Technology in the Content Areas Assessment**

Content:

1. Virtual Fieldtrips
2. Websites
3. Project-Based Activities Incorporating Technology
4. Web-Based Projects, Explorations, and Research
5. Assignments

### **Session Seven: Digital Learning at the Fingertips**

Content:

1. Learning with Mobile and Handheld Device
2. APPS
3. Outstanding Websites
4. BYOD
5. Assignments

### **Session Eight: Social Media**

Content:

1. Facebook
2. Twitter
3. Instagram
4. Pinterest
5. Assignments

### **Session Nine: Internet Safety**

Content:

1. Defining Cyberbullying
2. The Role of Social Media
3. Gender Issues
4. Implementation of Lessons
5. Working With Parents
6. Assignments

## **Session Ten: Digital Portfolios and Assessment**

Content:

1. Digital Portfolios
2. Online Grading Systems
3. Online Quizzes
4. Online Projects
5. Digital Dropbox
6. Final exam and project

### **Student Requirements**

1. Participation: Actively participate in all activities.
2. Reading assignments: Complete all readings and assignments.

### **Grading Criteria**

<b>Assignment</b>	<b>Points</b>	<b>Grading Scale</b>	
Class Participation	20	100-93	<b>A</b>
Class assignments	80	92-85	<b>B</b>
Total Points	100	84-77	<b>C</b>

### **Student Academic Integrity**

Participants guarantee that all academic class work is original. Any academic dishonesty or plagiarism (to take ideas, writings, etc. from another and offer them as one's own), is a violation of student academic behavior standards as outlined by our partnering colleges and universities and is subject to academic disciplinary action.