



## **Professional Development Institute**

### **Flex Course Syllabus**

# **Making the Most of the Internet in the Classroom (K-12)**

**PDI Course Number: 34T02**

**UCSD Course Number: EDUC41435**

If you would like information about receiving post-baccalaureate (graduate) credit for completing this course, [please click here](#).

### **Course Timeline**

Participants have one year to complete the course. Participants must spend a minimum of three weeks in this course.

### **Course Description**

Are you looking to find better ways to use the Internet in your classroom? Are you tired of conducting Internet searches and never quite finding what you really wanted? This online course will focus on helping teachers make the most of the Internet in their classrooms. Teachers will learn how to conduct effective and efficient searches so that they may then progress to developing online activities and projects for students. These new search skills will also help teachers find valuable resources to use in the classroom, including homework assistance for students. Teachers will learn how to use Internet resources to create a WebQuest, virtual field trip, digital escape room, and online scavenger hunt. Teachers will also learn how to develop their own classroom websites. The basics of Google apps such as Calendar, Groups, Photos, Drive, and Translate will be introduced, as well as Microsoft Education apps such as Office Online, MS Forms, MS Whiteboard, and MS Teams. Finally, teachers will be introduced to the concept of flipped learning and receive tips and resources for implementing a flipped learning model in each content area. By the end of this course, teachers will have discovered many ways to effectively and efficiently use the Internet in the classroom.

## **Educational Outcomes**

1. Teachers will learn effective search strategies.
2. Teachers will learn the difference between a search engine and a web directory.
3. Teachers will learn how to save Internet resources including text and graphics.
4. Teachers will learn several methods for citing Internet resources.
5. Teachers will learn about Internet safety and security.
6. Teachers will understand the importance of digital literacy.
7. Teachers will gain ideas for teaching students how to develop search strategies for research.
8. Teachers will learn the educational value of virtual field trips.
9. Teachers will learn how to plan and develop a virtual field trip.
10. Teachers will learn the educational value of digital escape rooms.
11. Teachers will learn how to create a digital escape room.
12. Teachers will learn a variety of ways to use Google in the classroom.
13. Teachers will learn a variety of ways to use Microsoft apps in the classroom.
14. Teachers will learn the educational value of WebQuests.
15. Teachers will learn how to develop a WebQuest related to content curriculum.
16. Teachers will learn how to create a classroom website.
17. Teachers will learn how to create a scavenger hunt for their students to help them learn important content curriculum.
18. Teachers will learn how to use Kahoot! to make a review game for students.
19. Teachers will learn the basics of creating a flipped classroom.

## **Instructional Media**

- Online Discussions
- Online Engagement
- Online Collaboration
- Instructor Feedback
- Instructor Interaction
- Online Resources and Websites
- Supplemental Instructional Materials
- Printable Classroom Resources

## **Evaluation**

- Test #1 (5% of final grade)
- Test #2 (5% of final grade)
- Test #3 (5% of final grade)
- Test #4 (5% of final grade)
- Test #5 (5% of final grade)
- Autobiography and Goals for the Course (10% of final grade)
- Article Reflection (15% of final grade)
- Course Collaboration/Share Ideas with the Class (10% of final grade)

- Develop an Online Scavenger Hunt (20% of final grade)
- Culminating Practicum (20% of final grade)

## Topical Outline

### Unit One

- Introduction to the Internet
- Search Engines v. Web Directories
- Closing the Internet Divide
- **Assignment #1**  
*Write an autobiography including information about yourself, your grade level and what you specifically hope to learn about using the Internet effectively in your classroom. Your autobiography should be a minimum of three paragraphs.*
- **Test #1**

### Unit Two

- Using Search Engines
- Developing a Search Strategy
- YouTube and TeacherTube
- **Assignment #2**  
*As an educator, it is important to be aware of the research, studies, and professional work done in the field. In the course, you will find an article and video that are relevant to the specific course content. Read the article and then write an essay with your thoughts.*
- **Test #2**

### Unit Three

- Saving Internet Searches and Resources
- Citing Internet Sources
- Internet Safety
- **Assignment #3**  
*Online Discussion Board Participation/Engagement: Please post a tip, strategy, or idea that specifically relates to effectively using the Internet to enhance your curriculum and teaching and will make a difference to other teachers in their own classrooms. Your assignment should be a minimum of three paragraphs and detailed enough for another teacher to easily follow. This is a great opportunity to share and collaborate with other teachers at your grade level around the country. Take time to review and respond to other postings that are relevant to your classroom population in order to gain effective ideas to use immediately in your classroom.*

- **Test #3**

## **Unit Four**

- Information Literacy and Digital Research
- Introduction to Virtual Field Trips
- Creating a Digital Escape Room
- **Test #4**

## **Unit Five**

- Everything Google
- Everything Microsoft
- Creating a Class Website
- **Test #5**

## **Unit Six**

- Creating a WebQuest and Exploring Online Scavenger Hunts
- Make Reviewing Fun with Kahoot!
- What is flipped learning?
- **Assignment #4**  
*Develop an online scavenger hunt by choosing a theme, including theme-based websites and website descriptions, and at least ten questions for students to find answers to at the sites. More detailed instructions for this assignment are included in the course content. Keep in mind that this assignment is a cumulative project and therefore, you are expected to demonstrate the knowledge you gained from the course and your ability to apply what you have learned in a practical setting.*
- **Assignment #5**  
*The culminating practicum is a three-step process. (1) In the first assignment, you were asked what goals you had and what you hoped to learn from the course. Think back to your original goals for this course. Write a minimum two-paragraph reflection specifically describing how what you learned can be used to help you reach those goal(s). (2) Next, write a minimum three-paragraph plan that specifically describes the ways in which you intend to implement a particular strategy you learned in this course into your own teaching situation. (3) Last, write a minimum two-paragraph reflection describing a student you have or have had in the past. Then, discuss how the strategies you learned in this course will specifically benefit that student as you put your plan into action.*

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