Professional Development Institute

Flex Course Syllabus

Effectively Using iPads to Transform the Classroom (K-12)

PDI Course Number: 81T02

UCSD Course Number: EDUC41517

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

Do you love your iPad and are looking for innovative ways to use it in your classroom? In this online course, teachers will learn how to successfully use iPads in the K-12 classroom. Teachers are taught the importance of using the iPad to reach educational objectives and teach real-world technology skills to students. A plethora of apps are introduced that align with curriculum standards. The apps outlined in the course can be used to teach English language arts, mathematics, science, social studies, health, and the arts. Teachers will also learn how to access and use Google apps on the iPad. Teachers will be introduced to apps that can be used for communication, collaboration, and social networking. Additionally, teachers learn about apps that can be used as classroom tools for instruction and assessment, as well as those that can serve as platforms for the creation of multimedia components and projects. Finally, teachers will discover a multitude of additional uses for the iPad, such as creating presentations (both for students and by students), creating their own podcast, and developing screencasts for classroom instruction. By the end of this course, teachers will have plenty of ideas, as well as the confidence, to integrate iPads into the classroom.

Educational Outcomes

1. Teachers will learn how to use the physical and digital interface of the iPad.
2. Teachers will gain an understanding of how iPad use can tie into educational standards.
3. Teachers will learn about apps that can be used for digital reading and how they can be implemented in the classroom.
4. Teachers will learn about apps that can be used for digital writing and how they can be implemented in the classroom.
5. Teachers will learn about apps that can be used for researching and how they can be implemented in the classroom.
6. Teachers will learn about apps that can be used for mathematics and how they can be implemented in the classroom.
7. Teachers will learn about apps that can be used for science and how they can be implemented in the classroom.
8. Teachers will learn about apps that can be used for social studies and how they can be implemented in the classroom.
9. Teachers will learn about apps that can be used for health and the arts and how they can be implemented in the classroom.
10. Teachers will learn how to use apps created by Google including Google Chrome, Google Search, Google Drive, Google Earth, and more.
11. Teachers will learn how to use apps as platforms for communication, collaboration, and social networking.
12. Teachers will practice with the creation of multimedia components and projects using apps.
13. Teachers will learn how to deliver instruction using presentation apps.
14. Teachers will gain an understanding of how to use and create educational podcasts and screencasts through the use of apps.
15. Teachers will learn how to use apps to facilitate and deliver assessments.
16. Teachers will be provided with an abundance of classroom activity ideas that utilize apps and align with curriculum standards.
17. Teachers will learn how to locate and download free educational apps.

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/Video Reflection (15% of final grade)
- Course Collaboration/Share Ideas with the Class (10% of final grade)
- Cumulative Assignment/Project: Buncee Presentation (20% of final grade)
- Culminating Practicum (20% of final grade)

Topical Outline

Unit One

- History of Apple and the iPad
- The Intersection of Education and the iPad
- Getting to Know the iPad
- **Assignment #1**
  Write an autobiography including information about yourself, your grade level and what you specifically hope to learn about using the iPad in your classroom. Your autobiography should be a minimum of three paragraphs.
- **Test #1**

Unit Two

- Using Apps for Digital Reading
- Using Apps for Digital Writing
- Using Apps for Researching
- **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

- Using Apps for Mathematics
- Using Apps for Science
- Using Apps for Social Studies

- **Assignment #3**
  Online Discussion Board Participation/Engagement: Please post a tip, strategy, or idea that specifically relates to using the iPad in the classroom 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

- Learning Tools for Health and the Arts
- Google Apps
- Communication, Collaboration, and Social Networking
- Integrating Digital Art, Animation, and Video
- **Test #4**

Unit Five

- iPad Presentations
- Utilizing and Creating Podcasts
- Delivering Instruction through Screencasts
- **Test #5**

Unit Six

- The iPad as an Assessment Tool
- Top Apps for Learning
- iPad Resources
  Assignment #4
  Create a Buncee presentation on any topic related to the grade level and subject area (if applicable) you teach. Use the Buncee app on your iPad to create the presentation. The presentation must include at least six images and necessary text to thoroughly explain each image and the overall lesson. The presentation must be comprehensible to students at your grade level and reach predetermined educational objectives. Once you're done creating the presentation on your iPad, follow the instructions provided in the course to post your assignment. 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.

Bibliography

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