iPad Publishing

03/21/2013

Technology

iPad Publishing

Course Number: 487

Discipline: Technology

Grade Level: 9-12

Course Length: 1 Semester

Credits: 2.5

Course Description: This course provides examination of the print production cycle, from concept through finishing, as well as hands-on creation of print-ready digital files utilizing Adobe Creative Suite applications. In addition, introduction to Apple iPad app development and content creation. The course will enable students to work more effectively with printers and online publishing while providing the creative capabilities of industry vendors. Additional emphasis on software proficiency, digital prepress, color reproduction, typography, green design and the creation of PDF files for digital or conventional printing.

21st Century Student Learning Expectations:

- Use technology as a tool to research, organize, evaluate and communicate information
- Use digital technologies (computers, PDAs, media players, GPS, etc.), communication/networking tools and social networks appropriately to access, manage, integrate, evaluate and create information to successfully function in a knowledge economy.
- Apply a fundamental understanding of the ethical/legal issues surrounding the access and use of information technologies.

Unit: Unit 4, Dynamic Content

Enduring Understanding:	• To become comfortable using the features of the folio builder and interactive overlay panel in Adobe InDesign to create dynamic content to be published and functioning on the iPad.
Essential Questions:	• How does dynamic content on a digitally published magazine relate to the architectural plans for a flying car?
Unit Objectives: (#) shows mapping to MA Frameworks	• Students will be able to work with the folio overlay and folio builder panel to create interactive (dynamic) content in InDesign which will then be viewed through Adobe Viewer on the iPad. • Students will understand the benefits of each dynamic content option and when it is suitable to apply each piece. • Students will demonstrate their knowledge of creating dynamic content pieces through creating digital tutorials on "Interactive Files for Adobe Viewer." Basic Operations, Gr.9-12: 1.1, 1.5, 1.6 & 1.7 Desktop Publishing, Gr. 9-12: 1.8, & 1.1.0 Multimedia, Gr. 9-12: 1.32, 1.33 & 1.35 Ethics, Gr. 9-12: 2.3 Problem Solving, Gr. 9-12: 3.5
Assessment Activities:	• Dynamic Content Unit Test
Vocabulary:	• hyperlinks, buttons, scroll frame, slideshow, pan and zoom, audio overlay, image sequence, panorama overlay, folio builder, folio overlay, state & interactive object
Common Learning Activities/Labs:	• Dynamic Content, Creating your Teach Tutorial
Project Based Learning Activities:	• "I am a Professional at…"
21st Century Student Learning Expectations:	• Mastery of the technologies being used

Unit: Unit 4, Dynamic Content

What components are essential and non-essential?

- **Dynamic Content**
  - Tutorial Piece: http://mrscullen.com/images/ipp_dynamiccontenttutorial.pdf
    (Video links in file to YouTube tutorials)
  - Publishing Piece: https://digitalpublishing.acrobat.com/welcome.html

- **Unit Project**
  - Tech tutorial, I am a Professional At….
    published onto the iPad

- **Unit Test**
  - Unit test on Dynamic Content