Eastern Kentucky University
Department of Curriculum & Instruction
Syllabus[*] for
EDC 811: K-12 Ed/Tech: Multimedia Design, CRNxxx
Co-requisite: EDC 810
3 credit hours
2013

Instructor Information:
Professor's name:
Professor's Office #:
Professor's Contact information
Professor's Office Hours:

Course Description:
Introduction to multimedia-authoring approaches and research in electronic formats. Students will create web-based instructional courseware. All students will produce and publish a classroom, school, or other education related website.

Textbook: No text required. All materials are provided online as links, attachments and/or downloads.

Technology Requirements:

Candidates must have routine access to a computer with a reliable Internet connection. Your browsers must be up-to-date and current; this means that you should be using the current version of Mozilla Firefox, Google Chrome, Microsoft Internet Explorer, and Java.

Information regarding the current hardware and software used with online courses is available by accessing the link at the top of the Web Course Fact Sheet, http://wcfs.eku.edu. If you need help with acquiring updates or other technology issues, please contact IT department in EKU at (859) 622-3000.

Learning Outcomes:
Based upon the acquisition of the knowledge, understandings, appreciations and the consequences of experiences in EDC 811, candidates will acquire the following:

1. Critical Thinking:

    a. Ability to apply instructional design models and learning theories for developing multimedia instructional materials.
    NETS•T1, NETS•T2
    AASL1, AASL2, AASL3

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[*] Subject to change with advance notice.

KYTS(A)1, KYTS(A)2, KYTS(A)4

    b. Ability to apply the knowledge on instructional theory and model for practical learning environments.
NETS•T1, NETS•T2
AASL1, AASL2, AASL3
KYTS(A)2, KYTS(A)3, KYTS(A)4

2. Communication:
    a. Ability to construct critical thinking outcomes in writing and speaking.
NETS•T1, NETS•T2, NETS•T3
AASL2, AASL3, AASL4
KYTS(A)1, KYTS(A)4, KYTS(A)5, KYTS(A)7

    b. Ability to judge self-assessment and to evaluate perspectives of other persons.
NETS•T1, NETS•T2, NETS•T3
AASL2, AASL3, AASL4
KYTS(A)1, KYTS(A)7

3. Technological Awareness:
    a. Ability to evaluate and employ multimedia authoring tools and applications.
NETS•T1, NETS•T2, NETS•T3
AASL1, AASL2, AASL3
KYTS(A)1, KYTS(A)2, KYTS(A)6

    b. Ability to create multimedia instructional materials using authoring tools.
NETS•T1, NETS•T2, NETS•T3
AASL1, AASL2, AASL3
KYTS(A)1, KYTS(A)2, KYTS(A)6

    c. Ability to demonstrate to publish instructional materials on Website
NETS•T1, NETS•T2, NETS•T3
AASL1, AASL2, AASL3
KYTS(A)1, KYTS(A)2, KYTS(A)6

List of Standards to be considered above:

NETS•T: National Educational Technology Standards for Teachers created by ISTE (International Society for Technology in Education). Available at:
http://www.iste.org/Libraries/PDFs/NETS_for_Teachers_2008_EN.sflb.ashx

AASL: American Association of School Librarians: Standards for the 21st-Century Learner. Available at:
http://www.ala.org/ala/mgrps/divs/aasl/guidelinesandstandards/learningstandards/AASL_LearningStandards.pdf

KYTS(A) (advanced one): Kentucky Teacher Standards. Available at:
http://www.kyepsb.net/documents/EduPrep/Kentuckyteacherstandards.doc

Evaluation Methods:
- Attendance in assigned online activities & their completion – 50 points

- Weekly Discussion – 250 points
- Multimedia Authoring/Editing Assignment – 250 points
- Instructional Multimedia Assignment – 250 points

Grading scale:
90 – 100% = A
80 – 89%   = B
70 – 79%   = C
60 – 69%   = D
Below 60% = F

Candidate Progress:
Weekly discussion will be evaluated every other week for the previous two weeks' discussion. Submitted assignments will be returned back to candidates within 10 days. Candidates' grades can be viewed at anytime from the Blackboard grading center.

Attendance Policy:
Absences equating 20% of required class face-to-face or online meetings such as online weekly discussion and chats, if any, will result in automatic failure. Note that this refers to both face-to-face and online class. Class sessions missed as a result of late entry will be counted as absences. The candidate is responsible for presenting adequate reason for absence to the instructor as soon as possible in order to be given an opportunity to make up missed work. Adequate reasons include personal illness, death or serious illness in the immediate family, or participation in an approved university activity.

Last Date to Drop the Course:
The last day to drop or withdraw from a class is highlighted in the class schedule and accessible from EKU's Colonel's Compass (http://www.eku.edu/compass/).

Disability Statement:
If you are registered with the Office of Services for Individuals with Disabilities, please obtain your accommodation letters from the OSID and present them to the course instructor to discuss any academic accommodations you need. If you believe you need accommodation and are not registered with the OSID, please contact the Office in the Student Services Building Room 361 by email at disserv@eku.edu or by telephone at (859) 622-2933 V/TDD. Upon individual request, this syllabus can be made available in an alternative format.

Academic Integrity Statement:
Candidates are advised that EKU's Academic Integrity policy will strictly be enforced in this course. The Academic Integrity policy is available at www.academicintegrity.eku.edu. Questions regarding the policy may be directed to the Office of Academic Integrity.

Official E-mail:

EKU email is considered the official communication between EKU Faculty and EKU students. In this course, only official EKU student email accounts should be used for communication purposes. Candidates are expected to read their emails in a timely manner so new email will be properly read and received. A candidate's failure to receive and read University communications delivered to his/her official email address in a timely manner does not absolve the candidate from knowing and complying with the content of such communications. Candidates have the responsibility to recognize that certain communications may be time-critical.

Candidates are always encouraged to contact instructor especially when in doubt in content, assignment, discussion items, schedules, etc. I'll normally reply back to you within 1 or 2 working days (normally, do not expect to get response during holidays and weekends), but I often get back to you even much faster! However, if there is no response within 2 days, it would be wiser for you to contact instructor again.

Course Requirements:
1. Readings of the assigned materials and other selected references
2. Study of provided resources
3. Completion of all required activities listed in course module every week
4. Participation in weekly discussions through online discussion forums
5. Two assignments

Course Outline:
- Webpage and Website Basics
- Multimedia Basics and Authoring Tools
    - Survey of multimedia authoring tools
    - Evaluation of multimedia authoring software
- Creating multimedia Instructional Materials
- Publishing on Websites

Topic 1. Webpage and Website Basics

Week 1. Webpage basics
    - Structure of HTML
    - Creating a Webpage

Week 2. *Martin Luther King Day, Holiday*

Last day to drop full semester classes without a 'W' appearing on the transcript.

Week 3. Website basics
    - Use of EKU student website
    - Publishing a Webpage

Topic 2. Multimedia Basics and Authoring Tools

Week 4. Understanding digital image, sound, and video
- o Common formats
- o Standards

Week 5. Digital image and authoring tools
- o Survey of authoring tools
- o Practice with authoring tool

Week 6. Digital sound and authoring tools
- o Survey of authoring tools
- o Practice with authoring tool

Week 7. Video and authoring tools
- o Survey of authoring tools
- o Practice with authoring tool

Topic 3. Creating Multimedia Instructional Materials

Week 8. Planning
- o Survey and selection of authoring tools
- o Developing lesson plans (I)

Week 9. *EKU's Spring Break*

Due: Multimedia Editing Assignment

Week 10. Designing
- o Developing lesson plans (II)

Last day to withdraw from the university.

Week 11. Learning authoring tools (I)
- o Analysis, practice, and evaluation of selected authoring tools

Week 12. Learning authoring tools (II)
- o Analysis, practice, and evaluation of selected authoring tools

Week 13. Learning authoring tools (III)
- o Analysis, practice, and evaluation of selected authoring tools

Week 14. Learning authoring tools (IV)
- o Analysis, practice, and evaluation of selected authoring tools

Topic 4. Publishing on Websites

Week 15. Web publishing
- o   Optimization of materials for Web publication
- o   Posting materials on Websites

Due: Instructional Multimedia Assignment

Week 16. Self-evaluation
- o   Reflection