



College of Education



Course Syllabus

Section 1: General Course Information

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| Course Title: | EME 6207 Web Design and Development |
| Course Reference Number (CRN): | |
| Semester and Year: | |
| College and Department: | College of Education, Educational Technology |
| Course Prerequisite(s): | EME 5053 with a minimum grade of "B". |
| Course Credit Hours: | 3 |
| Meeting Times/Locations: | Online/Virtual |
| Instructor: | |
| Contact Information: | |

Section 2: Course Expectations

Course Description:

Website development and editing, including graphics configuration, using industry-standard software applications/platforms.

Course Objectives and Student Learning Outcomes:

At the successful conclusion of this course it is expected that students will:

- Understand the basic history to the internet.
- Understand the increasingly pervasive role of internet technology in instructional settings.
- Understand and apply the basic concepts and imperatives of user-centered design as applied to web development.
- Understand and apply a simple, user-centered assessment management process.
- Gain knowledge and understanding of related tools and technologies, such as FTP software and server-side processing.
- Understand the relationship between CSS, XML, and HTML.

Student Learning Outcomes:

At the completion of this course students should be able to:

- Apply state-of-the-art web design concepts and techniques, to include Universal Design for Learning (UDL), to plan, test, publish and manage websites. (AECT Standard 2 and 3)
- Compare and contrast web development tools. (AECT Standard 1)
- Use a systems design approach to analyze, design, develop, and implement a website. (AECT Standard 3)
- Create comparable websites using different tools (HTML vs visual editors vs CMS systems) (AECT Standard 1)
- Create evolution/assessment protocols for evaluating websites. (AECT Standards 4 and 5)
- Work in teams to design end of course website using current design/development methodologies. (AECT Standards 1, 2, and 4)

Required Materials:

- Access to an Internet-enabled computer with at least 8 GB of RAM, 500 GB of storage space, speakers, webcam, microphone, the latest version of a PC or MAC operating system, and an updated web browser.
- Students may be required to download trial or free versions of applications to complete assignments in this course. In some cases, students *may* be required to spend no more than \$25.00 on software to complete assignments for this course.
- Other learning materials will be provided in the Canvas course site.

Expectations

The course emphasizes exploratory, experiential, and reflective learning and thus you are expected to be guiding your own learning. It is expected that students will spend at least 9 hours per week on their studies and completing the assignments. Students are also expected to demonstrate collaborative and respectful scholarly participation with peers and among professional learning networks. (AECT Standard 4-Collaborative Practice; 4-Ethics)

Communications: Open and frank communications are encouraged. Feel free to contact the professor via e-mail, phone, or in person if you have any questions or problems concerning this course. All communication will be answered within 48 hours. Typically, you will receive a response to your communication within 24 hours. This type of communication will be essential to our collaboration in making this a successful learning experience for all.

Section 3: Learning Tasks, Course Evaluations, and Course Policies

Course Evaluation:

In addition to the evaluation of the described learning tasks, completing and submitting course work according to the due dates, ethical use of technologies for learning and instruction (AECT Standard 3-Ethics), and being collaborative and respectful to peers and instructors are all parts of professionalism. The assessment of student’s performance in professionalism is at the Professor’s discretion.

Course Schedule:

Please see the Canvas course site. *This schedule is subject to change at the discretion of the Professor.*

| Cycle #/Topics | Tech Ed Lessons | Readings | Assignments/Activities DUE |
|--|-----------------|--|--|
| Cycle 01: Current Trends & HTML Primer | HTML Primer | <ul style="list-style-type: none"> • Introduction to Course, Syllabus, Class Administration | <ul style="list-style-type: none"> • Reflection on How the Internet Works • Confirm HTML Activity (Survey) |

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|---|--|---|---|
| | | <ul style="list-style-type: none"> • How the Internet Works • How Web Browsers Work | <ul style="list-style-type: none"> • Browser Activities 1-3 |
| Cycle 02: Visual Editors | <ul style="list-style-type: none"> • Visual Editors Primer (Dreamweaver, etc.) • FTP/File Management | Ethics, Security & the Open Source Movement | <ul style="list-style-type: none"> • Visual Editor Activity • Discussion: Ethics and Open Source (AECT 3.4) • Lead discussions on evolution of web standards (AECT 4.2) • Final Project: Phase 1 (Drop Box) |
| Cycle 03: Security, Ethics & Java Scripting - | <ul style="list-style-type: none"> • Cascading Style Sheets • Java vs Java Scripting • Intro to PHP & XML | In Search of Serendipity: Evolution of Web Standards | <ul style="list-style-type: none"> • Reflections on Readings and Lessons • Java Scripting Activity • PHP/XML Activities |
| Cycle 04:- Content Management(1) - | <ul style="list-style-type: none"> • Wordpress Primer • Drupal Primer | <ul style="list-style-type: none"> • Recipe for a Successful Website • Web Pages that Suck & GUI Bloopers | <ul style="list-style-type: none"> • Wordpress/Drupal Activity Link (AECT 1.3) • Review of Exemplar Websites • Final Project: Phase 2 (Drop Box) |
| Cycle 05:- Content Management(2) | <ul style="list-style-type: none"> • Drupal Primer • Wordpress Primer | Mozilla Web Literacy Project | <ul style="list-style-type: none"> • Peer Review: Web Pages that Suck (AECT 2.3) • Drupal/Wordpress Activity Link (Drop Box) • Mozilla Web Literacy Map (Drop Box) (AECT 2.4) |
| Cycle 06:- Final Projects - | | <ul style="list-style-type: none"> • The Future of the Internet | <ul style="list-style-type: none"> • Audio Reflection: The Future of the Internet (Drop Box) • Final Project (AECT 1.1, 1.4, 3.1, 4.1, and 5.6) • Final Reflections+Upload PPT slides to Livetext |

Grading Scale:

Students earning below an 80% in the course will need to re-take the course. Please refer to the university and College of Education graduate handbook for more information. There will be no plus or minus grades awarded in this course.

| A | B | C | D | F |
|--------|-------|-------|-------|------|
| 100-90 | 80-89 | 70-79 | 60-69 | 0-59 |

** Federal Financial Aid requirements stipulate FGCU must be able to demonstrate that each student receiving financial aid is eligible to receive aid. Therefore, beginning in the fall of 2015 you are required to confirm your attendance through a participatory activity for this course by the end of the first week of classes. Failure to do so will result in a delay in the disbursement of financial aid.*

Section 4: College of Education and University Policies

College of Education Vision Statement:

“Learners and leaders of today and tomorrow”

We envision our graduates, and those they influence, as the learners and leaders of today and tomorrow. As learners, our graduates will continue to grow and develop into leaders within their fields. As leaders, they will build upon the diverse backgrounds and perspectives they encounter to ensure that all individuals are able to construct the understandings necessary to become successful.

4.1 College of Education LiveText Syllabus Statement

The College of Education has adopted the use of LiveText software to assist in the assessment of student performance and program quality. As a degree-seeking student or as a student admitted to a state-approved program, you are responsible for purchasing a membership to LiveText during your first course in the College of Education. If you do not have a membership in LiveText, you will need to purchase it immediately from www.livetext.com. This is a one-time only purchase, and your LiveText account is available to you for five years. Students enrolled in this class will be required to submit critical tasks (assignments that are linked to standards, relevant to the field you have chosen). Your work will be assessed in LiveText to help monitor your demonstration of the program standards, receive feedback from faculty on your progression toward meeting them, and certify that you have demonstrated all the required standards and competencies needed to complete your program. Your documented success on these tasks can also contribute to a portfolio that showcases your learning for current and future employers.

4.2 University Policies and Resources

Academic Behavior Standards and Academic Dishonesty

All students are expected to demonstrate honesty in their academic pursuits. The university policies regarding issues of honesty can be found in the FGCU Student Guidebook under the Student Code of Conduct and Policies and procedures sections. All students are expected to study this document which outlines their responsibilities and consequences for violations of the policy. The FGCU Student Guidebook is available online at <http://studentservices.fgcu.edu/judicialaffairs/new.html> or http://studentservices.fgcu.edu/judicialaffairs/files/Code_of_Conduct_book_08-09.pdf

Disability Accommodations Services

Florida Gulf Coast University, in accordance with the Americans with Disabilities Act and the university’s guiding principles, will provide classroom and academic accommodations to students with documented disabilities. If you need to request an accommodation in this class due to a disability, or you suspect that your academic performance is affected by a disability, please see me or contact the Office of Adaptive Services. The Office of Adaptive Services is located in the Wellness Building. The phone number is 239-590-7956 or Video Phone (VP) 239-243-9453. In addition to classroom and campus accommodations, individuals with disabilities are encouraged to create their personal emergency evacuation plan and FGCU is committed to providing information on emergency notification procedures. You can find information on the emergency exits and Areas of

Rescue Assistance for each building, as well as other emergency preparedness materials on the Environmental Health and Safety and University Police Department websites. If you will need assistance in the event of an emergency due to a disability, please contact Adaptive Services for available services and information.

Student Observance of Religious Holidays

All students at Florida Gulf Coast University have a right to expect that the University will reasonably accommodate their religious observances, practices, and beliefs. Students, upon prior notification to their instructors, shall be excused from class or other scheduled academic activity to observe a religious holy day of their faith. Students shall be permitted a reasonable amount of time to make up the material or activities covered in their absence. Students shall not be penalized due to absence from class or other scheduled academic activity because of religious observances. Where practicable, major examinations, major assignments, and University ceremonies will not be scheduled on a major religious holy day. A student who is to be excused from class for a religious observance is not required to provide a second party certification of the reason for the absence.

Academic Integrity

All assignments, projects, and examinations are to be completed solely by the student. Inclusion of facts, ideas, quotes, or other materials from outside sources must be cited and referenced in all work. Evidence of cheating and plagiarism are cause for disciplinary action by the university. According to the university, plagiarism and cheating refer to the use of unauthorized books, notes, or otherwise securing help in a test; copying tests, assignments, reports, or term papers; representing the work of another person as one's own; collaborating without authority with another student during an examination or in preparing academic work, or otherwise practicing academic dishonesty by the student. Inclusion of facts, ideas, quotes, or other materials from outside sources must be cited and referenced in all work.

Turnitin.com

Students who take this class must be prepared to submit electronic copies of some or all assignments to Turnitin.com for the detection of plagiarism. The University expects that all students will be evaluated and grades on their own work. If you use language, data or ideas from other sources, published or unpublished, you must take care to acknowledge and properly cite those sources. Failure to do so constitutes plagiarism. Papers that are submitted to Turnitin.com become part of the Turnitin.com student paper database solely for the purpose of detecting plagiarism. If you choose to request that your paper(s) not become part of the Turnitin.com student papers database this must be communicated to your professor in writing at the beginning of the course.

Distance-Learning

Information on distance learning courses is available online at <http://itech.fgcu.edu/distance/>

Canvas Learning Management System

FGCU's learning management system is called Canvas. It is available at <http://canvas.fgcu.edu/>. There are links on the home page to tutorials and resources on how to use Canvas.

Last Day to Withdraw Without Academic Penalty

Please refer to the Academic Calendar at <http://www.fgcu.edu/Registrar/academiccalendar.asp>.

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Note:

If this is your last semester in your program, please visit the following link for program completion or graduation details.

<https://fgcu.instructure.com/courses/225660>

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