East Carolina University

College of Technology and Computer Science

Department of Technology Systems

**ICTN 6815: Network Media Services**

**Course Syllabus**

**General Information:**

Catalogue Description: Study of design and implementation of multimedia technology applied to enterprise website strategy. Topics include design of multimedia objects and technology for deploying media rich environment. (3,0).

Major Requirement: ICTN 6815 is a required course for the Website Developer Certificate Program.

Program Outcomes: This course meets the Website Developer Certificate program outcomes by providing students knowledge in the website design field and preparing them for this area.

Course Coordinator: Dr. Erol Ozan, [ozang@ecu.edu](mailto:ozang@ecu.edu), 252 328 9667, Slay Bldg. 242

Course Online Live Meeting Platform: WebEx

**Texts:**

Murach's JavaScript and jQuery (3rd Edition) 3rd Edition

by Zak Ruvalcaba, Mary Delamater

Paperback: 620 pages

Publisher: Mike Murach & Associates; 3 edition (February 17, 2017)

ISBN-10: 1943872058

ISBN-13: 978-1943872053

**Course Objectives:**

The course teaches the methods develop and modify multimedia objects and interactive elements for today’s complex web site systems and how different characteristics of media elements affects the reliability and efficiency of various web applications.  Upon completion of this course, each student will be able to:

* Apply fundamental skills to create, edit and modify various multimedia objects used in a web page such as bitmapped images and vector graphics.
* Create effective web graphics.
* Apply the fundamental JavaScript and JQuery programming skills
* Use image editing tools to develop web graphics.
* Design interactive animations for websites
* Integrate various multimedia objects effectively into webpages
* Optimize multimedia objects for different web applications
* Understand and utilize basic web programming techniques

**Computer System Requirements:**

This course learning materials, assignments, and exercises require students top have access to a computer that has Microsoft Windows operating system installed. The instructor is unable to provide guidance/help to students who use alternative operating systems. Some of the tools covered in the course may not be available in operating systems that are not windows based.

Students who are enrolled in a graduate program at the Department of Technology Systems are recommended to have access to a computer that meets the minimum specifications that are described under the category "Graphic Design PC w/OpenGL". The details of the technical requirements can be found in ECU's Computer Purchase section at [www.ecu.edu/ace](http://www.ecu.edu/ace). Graduate students should read the guide carefully and make sure that their computers comply with the criteria designated under "Graphic Design PC w/OpenGL".

Students are recommended to purchase a microphone to participate in live audio-enabled class sessions.

Welcome to the.

Beginning Fall 2011, all enrolled students are eligible for FREE Microsoft products. Please visit ECU Microsoft Office for Students Distribution Center at [www.ecu.edu/microsoft4students](https://piratemail.ecu.edu/owa/redir.aspx?C=e5f31d96b939430d8314fd3af94bcbbf&URL=http%3a%2f%2fwww.ecu.edu%2fmicrosoft4students) for more information.

**Academic Integrity:**

Academic honesty is a serious issue and students are expected to follow the University guidelines for academic honesty. All information included in assignments should be properly cited and referenced. Students are expected to avoid plagiarism and cite sources completely, including all electronic sources. The following web sites are provided for clarification on plagiarism and how to avoid it.

ECU's Writing Center, section on Plagiarism:

<http://www.ecu.edu/cs-acad/writing/writingcenter/guides.cfm>.

ECU Student Handbook, section III on Academic Integrity:

<http://www.ecu.edu/cs-studentlife/policyhub/academic_integrity.cfm>

**Main Topics Covered in this Course:**

Bitmapped Images

Web Graphics

Interactive Media

Vector Graphics

Introduction to HTML5

JavaScript

JQuery

**Disabilities:**

East Carolina University seeks to comply fully with the Americans with Disabilities Act (ADA). Students requesting accommodations based on a disability must be registered with the Department for Disability Support Services located in Slay 138. Contact number for Disability Services is 252.737.1016 (Voice/TTY).

Please also visit <http://www.ecu.edu/cs-studentlife/dss/> for more information.

**Contingency Systems for Online Meetings:**

Students should follow instructions that are sent via ECU email or posted online to learn about the possible changes in the method of communication in this course. All emails will be sent to students’ ECU email addresses.

**Direct Communication with the Instructor:**

Students have a variety options to communicate directly with the instructor. The preferred one-to-one communication channel is email. Students must use their ECU pirate mail account for all email based communications. All course-related instructions will be sent to students’ ECU (pirate mail) email address. It is students’ responsibility to check their ECU email account daily. Students can also schedule an online chat session, telephone based, or face-to-face meeting with the instructor to discuss the course related matters. Meeting requests should be sent via email.

Instructor will try his best to respond students’ email or phone messages in maximum 48 hours excluding weekends and holidays.

**Student Code of Conduct including Academic Integrity**

* Academic honesty is a serious issue and students are expected to follow the University guidelines for academic honesty. All information included in assignments should be properly cited and referenced. Students are required to avoid plagiarism and cite sources completely, including all electronic sources. Also, note that “cut and paste” is considered plagiarism unless properly cited, even if it is from course material. Students are advised to check the latest ECU web sites for clarification on plagiarism and how to avoid it.
* At a minimum, a “0” will be given for any assignment found in violation of the following Student Code of Contact and an final grade of an “F” may be assigned. The ECU Student Code of Conduct may be found at <http://www.ecu.edu/cs-studentlife/policyhub/conduct_code.cfm> .
* ECU's writing Center, section on Plagiarism and the current ECU Student Handbook should be consulted for more information.
  + ECU's Writing Center, section on Plagiarism: <http://www.ecu.edu/cs-acad/writing/writingcenter/guides.cfm>.

**Course Assignment Feedback Policy**

* Assignment turnaround/grading policy –Student should expect a grade posted to Canvas’s Gradebook section within 12 days after the assignment deadline. Assignment feedback may also be provided via email.

**Assignment Submission Policy**

* Homework/project submission methods will vary from assignment to assignment. Students are required to read the instructions carefully and submit their work according to the guidelines provided.
* Late homework submissions are not accepted. No late assignments will be accepted without prior extension request.

**Attendance Policy**

* Attendance is optional for online meetings.
* Students are responsible for reviewing the recorded classroom sessions. The materials that are covered during online meetings will not be repeated for those who miss the live class sessions.
* Students are required to review class session recordings, lecture materials posted on Canvas, and the assigned reading materials.

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**Course Addendum**

**General Information:**

*Instructor Information:*

Instructor: Dr. Erol Ozan

Campus Address: Slay 242

Phone: 252.328.9667

Office hours: By appointment

*Course Information:*

Credit Hours: Three

Class Room Hours: Online, SabaMeeting Live Audio-enabled Chat Sessions. Participation is not mandatory. Centra system is accessible at centra.ecu.edu

Class Room Number: This is an online course. There will be no physical classroom.

**Structure of the Course:**

This course will use the web management program called Canvas. Within Canvas class assignments will be housed along with any other information that will be used throughout the semester. Instructor will communicate via email with students and have lessons posted every week. Student should be able to use ECU Canvas system effectively. Please visit Canvas.ecu.edu for detailed information about this system. Additional communication channels (phone, online chat rooms, online message boards etc.) may be used throughout the course. Students should have a reliable and efficient Broadband Internet connection to follow this course. Students should complete homework assignments and projects on or before due dates. Students are required to check their ECU pirate email every day to be able to receive the instructor’s updates and important announcements..

**Grading Policy:**

Students will be evaluated based on the combination of online class activities. The final grade will be assessed with the following criteria:

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| **Grading** | |
| A | 90% or better |
| B | 80% or better |
| C | 70% or better |
| F | Less than 70% |
| **Assessment** | | | |
| Homework Assignments and  quizes | | | 75% |
| Team Final Project | | | 20% |
| Peer Evaluation by Project Team Members | | | 5% |
| Total | | | 100% |