

COURSE DESCRIPTION:

WWW environment, browsers, Web 2.0, Ajax Client and programming techniques. Major topics include Web page design, Web-based multimedia/graphics, XHTML, W3C XHTML validation service, CSS AND JavaScript. Create Headings, Links, Images, Special characters, Tables, Lists, Forms, Positioning Elements, Embedded Style Sheets, Text Flow, Box Model, User Style sheet and Drop-Down Menu. Prerequisites: BUAD 2280 and any computer programming course. (Source: BSU 2015-2016 catalog)

INFO

INSTRUCTOR	Nate Nolting
OFFICE	Paul Bunyan Communications
PHONE	218-444-1107 (only in emergencies)
EMAIL	natebsu@gmail.com
OFFICE HOURS	30 minutes after class
ONLINE SYLLABUS	https://github.com/natenolting/BUAD-3283-E-Commerce-Web-Development/blob/spring2018

REQUIREMENTS

WEB HOSTING ACCOUNT	<p>Please sign-up for a free account with any of the free hosting services available on the Internet, for example:</p> <ul style="list-style-type: none">• X10 hosting at: https://x10hosting.com/ <p>NOTE:</p> <ul style="list-style-type: none">• Instead of using your BSU email address, use your Gmail or Yahoo email address for signing-up.• Some of those free services require you to visit your account at least once a month or so to avoid any suspension due to inactivity.
SOURCE CODE	Somewhere to store your source code, whether it's on a flash drive or stored on a cloud platform like Google Drive or Dropbox.

SOFTWARE	<ul style="list-style-type: none">• An editor for writing assignment code, for example, Atom https://atom.io or Sublime Text https://www.sublimetext.com• Web browser with developer tools like Chrome or Firefox• GIT SCM and an optional GIT SCM GIU like SourceTree https://www.sourcetreeapp.com.• An FTP client to send files to your hosting account, for example Filezilla https://filezilla-project.org
GITHUB	<p>A GitHub account for showing source code for assignments and projects.</p> <ul style="list-style-type: none">• Assignments will be posted on https://github.com/natenolting/BUAD-3283-E-Commerce-Web-Development• You will maintain your own GitHub repository for your assignments.
SLACK	<p>A Slack account that will be used for messaging out of class. This will be the best way to ask a question out of class. Join the Slack channel, https://buad-3283.slack.com, for this class by going to https://goo.gl/Fp3Kjo</p>

TEXTS

HTML AND CSS: DESIGN AND BUILD WEBSITES 1ST EDITION

by Jon Duckett

ISBN-10: 1118008189

ISBN-13: 978-1118008188

Publisher: Wiley; 1st edition (November 8, 2011)

Paperback: 490 pages

Codes for this book: <http://www.htmlandcssbook.com/code-samples/>

JAVASCRIPT AND JQUERY: INTERACTIVE FRONT-END WEB DEVELOPMENT 1ST EDITION

by Jon Duckett

ISBN-10: 1118531647

ISBN-13: 978-1118531648

Publisher: Wiley; 1st edition (June 30, 2014)

Paperback: 640 pages

Codes for this book: <http://www.javascriptbook.com/press/>

THOSE ABOVE TWO BOOKS CAN ALSO BE BOUGHT AS A SET:

WEB DESIGN WITH HTML, CSS, JAVASCRIPT AND JQUERY SET 1ST EDITION

by Jon Duckett

ISBN-10: 1118907442

ISBN-13: 978-1118907443

Publisher: Wiley; 1 edition (July 8, 2014)

*ADDITIONAL READING ASSIGNMENTS FROM OTHER PUBLICATIONS SUCH AS JOURNAL/CONFERENCE PAPERS, WHITE PAPERS, OR REPORTS CAN BE ASSIGNED BY THE INSTRUCTOR.

ADDITIONAL RESOURCES

TEXTS

- Electronic Commerce, by Gary P. Schneider, 11th Edition, ISBN-10: 1-285-42543-X / ISBN-13: 978-1-285-42543-6, Course Technology @2014
- Effortless E-Commerce with PHP and MySQL, by Larry Ullman, ISBN-10: 0-321-94936-6 / ISBN-13: 978-0-321-94936-3
- The Missing Link: An Introduction to Web Development and Programming, by Michael Mendez, ISBN: 978-0-9897226-5-0, SUNY Fredonia 2014 (OPEN TEXTBOOK available for Free at <http://textbooks.opensuny.org/the-missing-link-an-introduction-to-web-development-and-programming/>)

WEBSITES

- Php <http://www.php.net>
- Mozilla Developer Network (MDN): <https://developer.mozilla.org/en-US>
- Stack Overflow: <https://stackoverflow.com>
- Reddit: <https://www.reddit.com/user/fordlincolnhg/m/webdev/>

THE DEPARTMENT OF BUSINESS ADMINISTRATION MISSION

EDUCATE STUDENTS THROUGH A LEARNING-CENTERED ENVIRONMENT.

To achieve its mission, the Department of Business Administration has adopted the following broad-based, student learning goal:

- Graduates will be prepared for entry into careers in business and for contributions to their global and local communities.

In addition, the Department of Business Administration has adopted the following program-level student learning outcomes (*starred outcomes are a focus of this course*):

- ★ Graduates will demonstrate a foundational knowledge in the field of business.
- ★ Graduates will demonstrate information literacy.
- ★ Graduates will demonstrate ability to use practical business tools.

- ★ Graduates will demonstrate professional communication skills.
- ★ Graduates will demonstrate ability to work effectively as part of a team.
- ★ Graduates will demonstrate the ability to analyze complex business situations and ethical obligations in a realistic business environment.
- Graduates will demonstrate ability to analyze complex business situations and ethical obligations in a realistic business environment.

COURSE OBJECTIVES AND LEARNING OUTCOMES

AFTER COMPLETING THIS COURSE THE STUDENTS ARE ABLE TO DO FOLLOWING:

- Explain components for setting-up e-commerce site (DSLO# 1, 2, 5)
- Build a simple web site that organizes information effectively (DSLO# 4, 5)
- Identify an organization for information based on its inherent structure (chronological, alphabetic, etc.) (DSLO# 2)
- Use HTML tags, elements and attributes in developing web sites (DSLO# 2, 3)
- Use cascading style sheets (CSS) to create style standards for a web site (DSLO# 2, 3)
- Create a navigational framework that matches the content and genre of the site (DSLO# 3)
- Explain separation of concerns as it applies to the design and implementation of a web site (DSLO# 2)
- Describe the issues involved in developing a web interface (DSLO# 2, 3)
- Design and implement a web interface (DSLO# 2, 3)
- Compare/contrast graphic media file format characteristics such as color depth, compression and CODEC (DSLO# 2)
- Explain and compare media file formats including lossy vs. lossless compression, color palettes, streaming formats, and CODECs (DSLO# 2)
- Develop Client-side scripts using JavaScript (DSLO# 2, 3)
- Explain how server-side technology such as PHP works (DSLO# 2, 3)

DSLO = DEPARTMENT STUDENT LEARNING OUTCOMES

LEARNING OUTCOMES	MEASURES
Setting-up e-commerce site, building simple web site, designing web interface, and creating navigational framework	Reading chapters, take quizzes, hands-on experience, Discussion, and final exam
Using HTML	Doing projects, and Hands-on experience in the Computer
CSS, JavaScript, PHP, media files	Reading chapters, doing projects in the Computer, discussion, quiz and Final Exam
Issue in developing web sites	Doing projects , quizzes and Final Exam

GRADING

Your final grade is based on a straight point calculation: points earned/points offered. However, participation and attendance will be considered, but only if it will help your grade.

- A = 90% and up
- B = 80-89%
- C = 70-79%
- D = 60-69%
- F = 59% and below (fail)

EXTRA CREDIT

Extra credit may be available throughout the semester. Do not count on extra credit though!

ASSIGNED READING

There may be multiple readings each week. Readings may consist of chapters from the textbook, companion readings, video viewings, interactive tools within the learning management system, the syllabus, and other items.

ASSIGNMENTS

There will be multiple mini assignments that will be turned in through Github. These assignments will be due 12:01 a.m. on the Tuesday or Thursday the assignment is due.

MIDTERM AND FINAL

There will be a midterm project that will be due at a date to be assigned by the instructor. The final examination will actually be the completion of the project that you will be working on throughout the entire semester. This means it is VERY IMPORTANT to keep up with what is required for the project, and not wait until the last minute to try to do everything. This is your warning.

NOTE: the professor reserves the right to offer unannounced quizzes and assignments, and/or activities at any time.

AUTHORIZED ABSENCES

You have the choice whether to show up to class or not. That being said, attendance and participation will only help your grade. The instructor reserves the right to change the schedule of reading/or due date for assignments, so being in class is important.

LATE WORK

Not accepted unless you have prior approval. Anything turned in after the due date will receive a failing grade.

ACCOMMODATIONS

Upon request, this document can be made available in alternative formats. If you have a documented disability and need accommodations for this course, please contact the Disability Services Office in 201 Sanford Hall; phone: (218) 755-3883; email DisabilityServices@bemidjistate.edu. Minnesota Relay Service is available at 1-800-627-3529.

ACADEMIC INTEGRITY AND GENERAL CONDUCT

You are responsible to read and abide by the rules contained within the student handbook: <http://www.bemidjistate.edu/students/handbook/>. Any form of academic dishonesty (e.g., cheating, plagiarism, and misrepresentation), inappropriate behavioral conduct, or general disruptive conduct will not be tolerated and will be dealt with in accordance with University Policy.

COURSE SCHEDULE

This course schedule is tentative and subject to change. ALL assignments are due no later than 12:01 a.m. on the date listed.

JANUARY 9	<p>Get Syllabus and have a good week!!!</p> <p>ASSIGNMENT</p> <ol style="list-style-type: none">1. Download and install software and decide where you will store your source code.2. Setup your own GitHub Account and let me know what your repository will be.<ul style="list-style-type: none">• Watch the syllabus repository at https://github.com/natenolting/BUAD-3283-E-Commerce-Web-Development/tree/spring2018 to receive notifications of changes.3. Sign up for the Slack channel with the link in Requirement section.4. Get your web hosting account setup and let me know what the URL is.
JANUARY 11	No Class!
JANUARY 16	<p>DISCUSSION</p> <ol style="list-style-type: none">1. Review syllabus, go over any issues with the setup from last week.2. Elements of an E-Commerce web application
JANUARY 18	TBA
JANUARY 23	TBA
JANUARY 30	TBA
FEBRUARY 01	TBA
FEBRUARY 06	TBA

FEBRUARY 15	TBA
FEBRUARY 20	TBA
FEBRUARY 22	TBA
FEBRUARY 27	TBA
MARCH 01	TBA
MARCH 06	TBA
MARCH 08	TBA
MARCH 13	TBA
MARCH 15	TBA
MARCH 20	TBA
MARCH 22	TBA
MARCH 27	TBA
MARCH 29	TBA
APRIL 03	TBA
APRIL 05	TBA
APRIL 10	TBA
APRIL 12	TBA
APRIL 19	TBA
APRIL 24TH	Final project due

GOOD LUCK!