

 FLORIDA ATLANTIC UNIVERSITY	COURSE CHANGE REQUEST Undergraduate Programs	UUPC Approval <u>3-29-21</u> UFS Approval _____ SCNS Submittal _____ Confirmed _____ Banner Posted _____ Catalog _____
	Department Comp & Electrical Eng and Comp Science College Engineering and Comp Science	
Current Course Prefix and Number COP 3813	Current Course Title Introduction to Internet Computing	
<i>Syllabus must be attached for ANY changes to current course details. See Checklist. Please consult and list departments that may be affected by the changes; attach documentation.</i>		
Change title to: Change prefix From: _____ To: _____ Change course number From: _____ To: _____ Change credits* From: _____ To: _____ Change grading From: _____ To: _____ Change WAC/Gordon Rule status** Add <input type="checkbox"/> Remove <input type="checkbox"/> Change General Education Requirements*** Add <input type="checkbox"/> Remove <input type="checkbox"/> <small>*Review Provost Memorandum</small> <small>**WAC/Gordon Rule criteria must be indicated in syllabus and approval attached to this form. See WAC Guidelines.</small> <small>***General Education criteria must be indicated in syllabus and approval attached to this form. See GE Guidelines.</small>	Change description to: Change prerequisites/minimum grades to: COP 3014 or COP 2034 Change corequisites to: Change registration controls to: Please list existing and new pre/corequisites, specify AND or OR and include minimum passing grade (default is D-).	
Effective Term/Year for Changes: Fall 2021	Terminate course? Effective Term/Year for Termination:	
Faculty Contact/Email/Phone Hari Kalva, hkalva@fay.edu		
Approved by Department Chair <u>Hanqi Zhuang</u> College Curriculum Chair <u>[Signature]</u> College Dean <u>[Signature]</u> UUPC Chair <u>Jerry Haky</u> Undergraduate Studies Dean <u>Edward Pratt</u> UFS President _____ Provost _____	Digitally signed by Hanqi Zhuang Date: 2021.01.17 15:06:26 -05'00' _____ _____ _____ _____	Date _____ <u>3-10-21</u> <u>3/11/21</u> <u>3-29-21</u> <u>3-29-21</u> _____ _____

Email this form and syllabus to mjenning@fau.edu seven business days before the UUPC meeting.

**Department of Computer & Electrical Engineering and Computer Science
Florida Atlantic University
Course Syllabus**

1. Course title/number, number of credit hours	
Introduction to Internet Computing – COP 3813	3 credit hours
2. Course prerequisites, corequisites, and where the course fits in the program of study	
Prerequisites: COP 3014 or COP 2034.	
3. Course logistics	
<p><i>Term:</i> Summer “3” 2013 This is a classroom lecture course, which also includes a Distance Learning component. <i>Class location and time</i> T/R 9:15 AM – 12:25 PM (FL 404)</p>	
4. Instructor contact information	
<i>Instructor’s name</i> <i>Office address</i> <i>Office Hours</i> <i>Contact telephone number</i> <i>Email address</i>	Dr. Oge Marques EE 441 (Engineering East (96) building) Thu: 1:15 – 2:45 pm or by appointment. 561-297-3857 omarques@fau.edu
5. TA contact information	
<i>TA’s name</i> <i>Office address</i> <i>Office Hours</i> <i>Contact telephone number</i> <i>Email address</i>	N/A
6. Course description	
The purpose of this course is to teach students how to design and develop Web sites and Web-based applications using contemporary tools and standards. This course is project-oriented. Students will develop hands-on knowledge of some of the latest web development tools, languages and frameworks, and use that knowledge to complete several Web-based projects.	

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7. Course objectives/student learning outcomes/program outcomes		
<i>Course objectives</i>	<ul style="list-style-type: none"> • To understand the essential components of Internet-based applications. • To learn how to create interactive Web pages and Web-based applications using programming tools. • To provide a solid conceptual understanding of the main standards and technologies associated with contemporary Web applications. • To enable a hands-on experience by developing web-based projects using some of the latest tools, languages, techniques, and best practices. 	
<i>Student learning outcomes & relationship to ABET a-k objectives</i>	<ol style="list-style-type: none"> 1. The student will be able to describe the essential components of Internet-based applications. (a,e,k) 2. The student will be able to create interactive Web pages and Web-based applications using programming tools. (a,e,k) 3. The student will be able to demonstrate a solid conceptual understanding of the main standards and technologies associated with contemporary Web applications. (a,e,k) 4. The student will learn be able to acquire hands-on experience by developing web-based projects using some of the latest tools, languages, techniques, and best practices. (a,e,k) 5. The student will be able to effectively communicate in writing project reports. (g) 	
8. Course evaluation method		
Projects (3) - Quizzes (2) - Fun Assignments (2) -	75 % 10 % 15 %	<i>Note:</i> The minimum grade required to pass the course is C.
9. Course grading scale		
Grading Scale: 90 and above: "A", 87-89: "A-", 83-86: "B+", 80-82: "B", 77-79: "B-", 73-76: "C+", 70-72: "C", 67-69: "C-", 63-66: "D+", 60-62: "D", 51-59: "D-", 50 and below: "F."		

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10. Policy on makeup tests, late work, and incompletes
<p><i>Makeup tests</i> are given only if there is solid evidence of a medical or otherwise serious emergency that prevented the student of participating in the exam. Makeup exam should be administered and proctored by department personnel unless there are other pre-approved arrangements.</p> <p><i>Late work</i> is not acceptable.</p> <p><i>Incomplete grades</i> are given only if there is solid evidence of medical or otherwise serious emergency situation <u>and</u> the student is currently passing the class.</p>
11. Special course requirements
N/A
12. Classroom etiquette policy
University policy requires that in order to enhance and maintain a productive atmosphere for education, personal communication devices, such as cellular phones and laptops, are to be disabled in class sessions.
13. Disability policy statement
In compliance with the Americans with Disabilities Act (ADA), students who require special accommodations due to a disability to properly execute coursework must register with the Office for Students with Disabilities (OSD) located in Boca Raton campus, SU 133 (561) 297-3880 and follow all OSD procedures.
14. Honor code policy
Students at Florida Atlantic University are expected to maintain the highest ethical standards. Academic dishonesty is considered a serious breach of these ethical standards, because it interferes with the university mission to provide a high quality education in which no student enjoys unfair advantage over any other. Academic dishonesty is also destructive of the university community, which is grounded in a system of mutual trust and place high value on personal integrity and individual responsibility. Harsh penalties are associated with academic dishonesty. See University Regulation 4.001 at www.fau.edu/regulations/chapter4/4.001_Code_of_Academic_Integrity.pdf
15. Required texts/reading
<p>Textbook:</p> <p>“Learning PHP, MySQL, JavaScript & CSS 2nd Ed.”, by Robin Nixon (O'Reilly 2012, ISBN 978-1449319267)</p>
16. Supplementary/recommended readings
N/A

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17. Course topical outline, including dates for exams/quizzes, papers, completion of reading

1. Web design and development today
2. Essential tools for web development
3. HTML5
4. Cascading Style Sheets (CSS)
5. JavaScript
6. jQuery
7. PHP
8. MySQL
9. AJAX
10. Putting it all together

The course uses Blackboard for notes, assignments, announcements, and all course information (restricted to enrolled students).

Important dates:

- Project # 1 due: 7/09
- Project # 2 due: 7/18
- Project # 3 due: 8/01
- Fun Assignment # 1 due: 7/02
- Fun Assignment # 2 due: 7/16
- Fun Assignment # 3 due: 7/30
- Online Quiz # 1: 7/11
- Online Quiz # 2: 8/06