

**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	
3. Course logistics	
<i>Term:</i> Fall 2018 <i>Live Section:</i> COP 3813-001 <i>Class location and time:</i> Tuesdays and Thursdays 03:30PM-04:50PM/ EE 106 <i>Distance Learning Section:</i> COP 3813-003	
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. Saeed Rajput EE 432 Tuesdays and Thursdays 09:20 pm -11:50 pm. 561-297-3927 srajput@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>	TBD
6. Course description	
<p>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.</p>	

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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,b,e,h,k) 5. The student will be able to effectively communicate in writing project reports. (g)
8. Course evaluation method	
Syllabus quiz: 5 % Quizzes: 10% Discussion Participation: 10 % Hands-on Projects: 75 %	<i>Note:</i> The minimum grade required to pass the course is C.
9. Course grading scale	
Grading Scale:	
%age Score (s)	
s>=95	A
95>s>=90	A-
90>s>=85	B+
85>s>=80	B
80>s>=75	B-
75>s>=70	C+
70>s>=65	C
65>s>=60	C-
Lower than 60	D or 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>No Late assignments.</i></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. Attendance policy statement
Students are expected to attend all of their scheduled University classes and to satisfy all academic objectives as outlined by the instructor. The effect of absences upon grades is determined by the instructor, and the University reserves the right to deal at any time with individual cases of non-attendance. Students are responsible for arranging to make up work missed because of legitimate class absence, such as illness, family emergencies, military obligation, court-imposed legal obligations or participation in University-approved activities. Examples of University-approved reasons for absences include participating on an athletic or scholastic team, musical and theatrical performances and debate activities. It is the student's responsibility to give the instructor notice prior to any anticipated absences and within a reasonable amount of time after an unanticipated absence, ordinarily by the next scheduled class meeting. Instructors must allow each student who is absent for a University-approved reason the opportunity to make up work missed without any reduction in the student's final course grade as a direct result of such absence.
14. Disability policy statement
In compliance with the Americans with Disabilities Act Amendments Act (ADAAA), students who require reasonable accommodations due to a disability to properly execute coursework must register with Student Accessibility Services (SAS) and follow all SAS procedures. SAS has offices across three of FAU's campuses – Boca Raton, Davie and Jupiter – however disability services are available for students on all campuses. For more information, please visit the SAS website at www.fau.edu/sas/
15. Counseling and Psychological Services (CAPS) Center
Life as a university student can be challenging physically, mentally and emotionally. Students who find stress negatively affecting their ability to achieve academic or personal goals may wish to consider utilizing FAU's Counseling and Psychological Services (CAPS) Center. CAPS provides FAU students a range of services – individual counseling, support meetings, and psychiatric services, to name a few – offered to help improve and maintain emotional well-being. For more information, go to http://www.fau.edu/counseling/
16. Code of Academic Integrity Policy Statement

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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 an unfair advantage over any other. Academic dishonesty is also destructive of the university community, which is grounded in a system of mutual trust and places high value on personal integrity and individual responsibility. Harsh penalties are associated with academic dishonesty. For more information, see University Regulation 4.001 .
17. Required texts/reading
Textbook: None
18. Supplementary/recommended readings
N/A

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

1. Web design and development today
2. HTML 5
3. Cascading Style Sheets (CSS) and Bootstrap
4. JavaScript
5. Javascript frameworks
6. Form processing
7. Backend databases
8. Putting it all together