Department of Computer Engineering	
Web Programming (66316)	
Total Credits	**3**
major compulsory	
Prerequisites	P1 : Object Oriented Programming (66212)

Course Contents
Overview of internet and web programming, learning HTML, XML, and XHTML scripts, cascade style sheets (CSS), client side scripts and JavaScript, server side scripts and PHP, web databases (MySQL), Content management systems (CMS), WEB 2.0 features (AJAX and RSS).

	Intended Learning Outcomes (ILO's)	Student Outcomes (SO's)	Contribution
1	The ability to design user friendly web pages using HTML/XHTML, CSS, and client side scripting	C	40 %
2	The ability to design, develop, and integrate web pages writing using server side language with web database	C	40 %
3	3) The ability to develop/reuse code fragments and use modern web development tools in order to build a complete web site employing the knowledge learned in this course	K	20 %

Textbook and/ or Refrences
Programming the World Wide Web (6th Edition) by Robert W. Sebesta, http://www.w3schools.com/, http://www.php.net/

Assessment Criteria	Percent (%)
First Exam	20 %
Second Exam	20 %
Projects	20 %
Final Exam	40 %

Course Plan	
Week	**Topic**
1	Introduction to internet protocols, web architecture, and the data exchange server
2- 3	HTML5
4- 5	Styles and Cascade Style Sheets (CSS3)
6- 7	Client side scripting and JavaScript
8- 10	Server Side Scripting and PHP
11- 12	Web Databases and MySQL
13	XML
14	Content Management Systems (CMS)
15- 16	Web 2.0 Features