Program	Level	First cycle		
	Name of the program	Theoretical Computer Science, Applied Mathematics, Mathematics and Informatics Education		

COURSE

Course title	**Web Programming**			
Course code	Semester	Course status	ECTS	Contact hours (L+AE+LE)
CS 320	V	Mandatory/Elective course	5	2+0+2
Lecturer				
Cilj predmeta	Define the basics in web design and Define the principle of Web page design. Recognize the elements of HTML. Introduce basics concept and develope of CSS.			
Learning Outcomes	Basic knowledge in HTML tags, CSS and JavaScript & skill of creating web pages should be known.			

COURSE CONTENT

HTML Foundations, Managing Information with Lists and Tables, Making Connections with Links,
Adding Images, Creating Forms, Styling With CSS, Styling Text
Selectors, Class, and Style, Borders and Backgrounds
Building Floating Page Layouts, Styling Lists and Menus
Client-Side Programming with JavaScript
Making Decisions with Conditions, Loops and Debugging
Functions, Arrays, and Objects
Getting Valid Input, Animating Your Pages

LITERATURE

[1] MobiPocket; Elizabeth Castro, HTML, XHTML, and CSS: Visual Quick Start Guide; 2006.
[2] Ian Lloyd , Build Your Own Web Site The Right Way Using HTML &CSS, 2nd Edition; 2008.
[3] Thomas A. Powell , HTML &CSS: The Complete Reference, Fifth Edition;, McGraw-Hill Osborne Media; 2010.
[4] Dan Thompson, BASIC HTML - A STEP-BY-STEP Guide on How to Creating Your First Website from Begining to End, 2010.
[5] Learning Web Design: A Beginner's Guide to (X)HTML, StyleSheets, and Web Graphics; Jennifer Niederst Robbins; Aaron Gustafson; 2007.
[6] Chuck Musciano and Bill Kennedy , HTML &XHTML: The Definitive Guide;; O'Reilly; 2009.
[7] Rob Huddleston , HTML, XHTML, and CSS: Your visual blueprint for designing effective Web pages;; 2008.
[8] Laura Lemay; Rafe Colburn ,Sams Teach Yourself Web Publishing with HTML and CSS in One Hour a Day: Includes New HTML5 Coverage (6th Edition);; 2010.
[9] David Flanagan , JavaScript, , O'Reilly, 2006.
[10] HTML, XHTML, & CSS, by Andy Harris, Wiley Publishing, Inc. 2011

STUDENT WORKLOAD (hours in a semester)

Lectures	30	Exercises	30	Individual work	65	T o t a l	125

GRADING			REMARKS	

Criterion	Maximum points	Minimum points		
Midterm exams	5	3		
Homework	5	3		
Projects	40	21		
Seminar	5	3		
Final exam	45	25		
T o t a l	100	55		