

CCS2305 Web Programming

COURSE INFORMATION

Prerequisites	Academic Year & Level		Teaching Methods			Credit Hrs.
	Year	Semester	Lecture	Tutorial	Laboratory	
CIS2101	2	4	2	2	0	3

COURSE AIM

- Write HTML files without using web generation tools.
- Specify the difference between client-side and server-side web programming.
- Master the basic syntax of JavaScript as a client-side scripting language.
- Understand the principles of cascading style sheets to control the styling and layout of a webpage.
- Describe how server-side scripts work.
- Use PHP to develop data-driven web sites.
- Use AJAX and JQuery to build internet applications.

COURSE WEEKLY CONTENTS

1	Introduction to web programming
2	Introduction to HTML
3	HTML5 Tags
4	CSS
5	CSS: properties and selectors
6	Basic of Java Script part 1
7	Basic of Java Script part 2
8	Java Script Objects
9	Understand DOM and DHTML
10	Event-driven programming
11	Basics of PHP part 1
12	Basics of PHP part 2
13	Form handling and DB access in PHP
14	Introduction to Ajax
15	Course Review and Conclusion

STUDENT GRADING & ASSESSMENT

Weeks	Exams	Assign.	Quizzes	Reports	Present.	Lab.	Total
1 to 7	←		30	MARKS		→	30
8 to 12	←		20	MARKS		→	20
1 to 15	←		10	MARKS		→	10
16 or 17	40	Final					40

REFERENCES

Textbook Randy Connolly Ricardo Hoar, Fundamentals of Web Development, Pearson.