



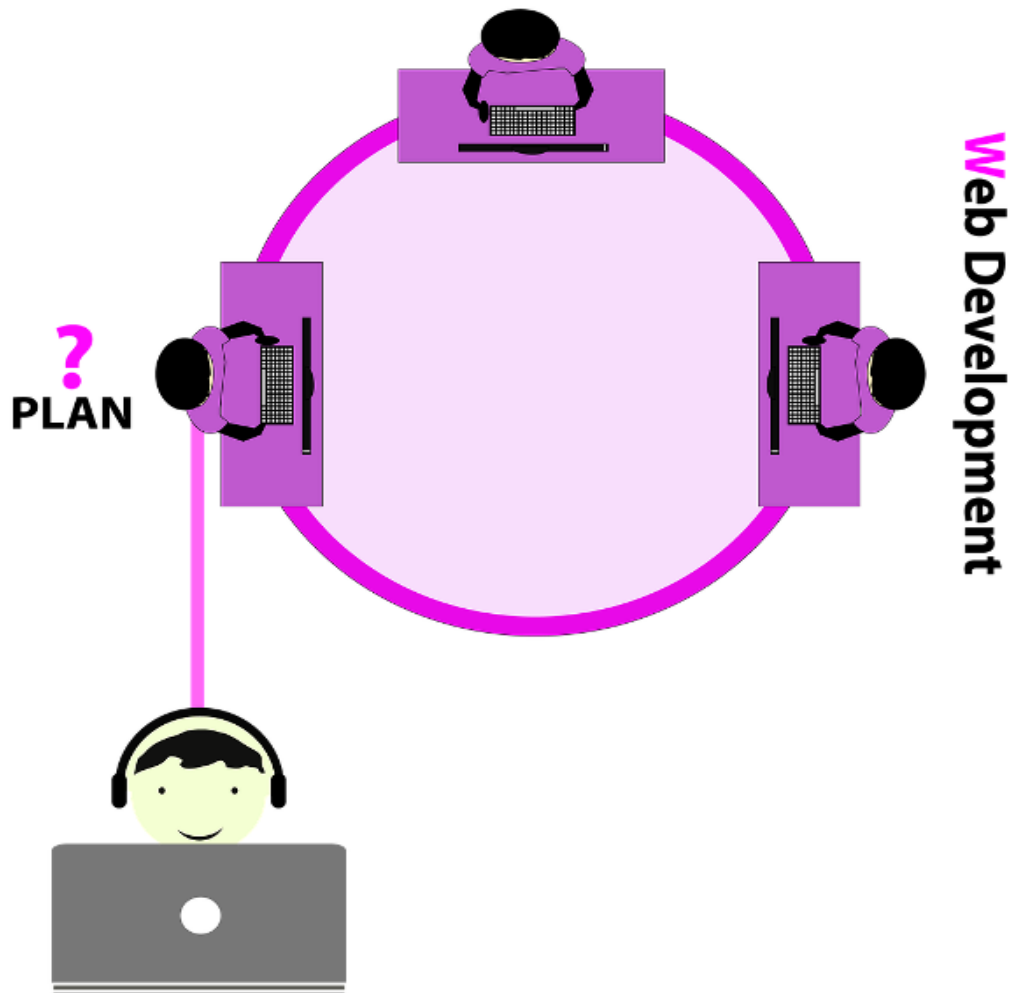
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Web Systems And Technologies



WEB SYSTEMS AND TECHNOLOGIES

Graphic Design



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PREFACE

Welcome to *Web Systems and Technologies*, a comprehensive coursepack designed to introduce you to the core architecture, technologies, and practices that power the modern web. Whether you are stepping onto a college campus for the first time or taking your initial steps into computer science and information technology, this instructional material is crafted to guide you through the fundamental building blocks of web development.

The digital landscape relies on a seamless interplay between front-end user interfaces and robust back-end server operations. This coursepack is structured into three carefully sequenced modules that take you from foundational web principles to complete client-server interactions:

Module 1: Introduction to the Internet, World Wide Web, and HTML – Establishes the historical context and architectural foundations of global networking. You will gain hands-on experience structuring web content using modern HyperText Markup Language (HTML).

Module 2: Introduction to Cascading Style Sheets (CSS) – Explores the visual presentation layer. You will learn how to transform static document structures into visually appealing, styled, and responsive web layouts using inline, internal, and external CSS.

Module 3: Introduction to Web Servers and Server-Side Processing – Moves beyond the browser to explore back-end architecture. You will examine the client-server model, web server administration, dynamic request-response cycles, and basic server-side scripting.

Through step-by-step lessons, structured learning outcomes, practical hands-on activities, and reflective assessments, this coursepack bridges theoretical concepts with real-world application. Each module is designed to build your technical confidence, critical thinking, and problem-solving skills.

As you work through these chapters, remember that web development is both a logic-driven discipline and a creative craft. Embrace the learning process, experiment with code, and enjoy building the web systems of tomorrow!

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TABLE OF CONTENTS

	PAGE
PREFACE	i
TITLE PAGE	ii
TABLE OF CONTENTS	iv
Course Overview	v
MODULE 1: Introduction to HTML	1
Lesson 1: Introduction to the Internet.....	2
Lesson 2: The World Wide Web.....	7
Lesson 3: Basics of HTML.....	15
Lesson 4: Advanced HTML Elements.....	20
Module Summary.....	26
Module Assessment.....	28
References.....	31
 MODULE 2: Introduction to Cascading Style Sheets	 32
Lesson 1: Introduction to Cascading Style Sheets.....	33
Lesson 2: CSS to HTML	41
Lesson 3: Basic CSS properties to style HTML elements	49
Lesson 4: Semantic HTML Elements.....	54
Module Summary.....	60
Module Assessment.....	63
References.....	66
 MODULE 3: Introduction to Web Server	 67
Lesson 1: Intro to Web Servers.....	68
Lesson 2: The Client-Server Model.....	76
Lesson 3: Basics of Server-Side Processing.....	82
Lesson 4: Setting Up a Web Server (Practical).....	86
Lesson 5: Writing and Running Server-Side Scripts.....	92
Module Summary.....	97
Module Assessment.....	99
References.....	102