

ECII 2205: ADVANCED WEBSITE DEVELOPMENT AND INTERNET TECHNOLOGY

Topic 1: Dynamic Website Theory Basics

ASP Overview, javascript statements, use javascript in website design, ASP Statements, use ASP in website design, data input and output procedures

Topic 2: Testing and Debugging Web Pages

Topic 3: Publishing web pages

Topic 4: Web Security: web security issues, control measures and challenges

Topic 5: Emerging Trends in Internet based programming: trends, challenges, coping with challenges.

Topic 6: PHP and CGI generated Scripts

Topic 7: Database Design

Topic 8: MySQL and SQL Languages

Topic 9: PHP talks to MySQL

Topic 10: Introduction to MVC and PHP Frameworks

Topic 11: CSS

Topic 12: The DOM

Basic JavaScript XML – AJAX

Topic 13: Frameworks and Web Service Basics,

Topic 14: Web Service Integration