|  |  |  |
| --- | --- | --- |
| **ArbaMinchUniversityArbaMinchUniversity**Arba Minch University  Institute of Technology (AMiT)  Faculty of Computing and Software Engineering  Course Outline | | |
| **Program** | Information Technology | |
| **Course Code** | InTc2111 | |
| **Course Title:** | Internet Programming I | |
| **Instructors** | Bikila A.(A,B,C), Teketel M.(D,E) | |
| Office location: Former Department office, Old Building 307 | |
| e-mail: [bikila.alemu@amu.edu.et](mailto:bikila.alemu@amu.edu.et), [teketelmul2006@yahoo.com](mailto:teketelmul2006@yahoo.com) | |
| **Contact Hours**  **Credits** | Consultation Hours: Monday and Friday | |
| 3 | |
| **Lecture days, Hours and Room:** | Lecture hours: Refer the schedule  Lab hours : TBA Room:LHJ-114 | |
| **Year /Semester** | Summer: III, Semester: III | |
| **Pre-requisites** | Internet Services | |
| **Status of course** | Core | |
| **COURSE DESCRIPTION** | Overview of internet and the World Wide Web; client-server architecture; web server and security, HTTP protocol; web page design and development; information architecture and visualization; static and dynamic pages; client-side programming using scripting languages (JavaScript, VB. Script); | |
| **COURSE OBJECTIVES** | After completing this course the student shall be able to   * explain the world wide web from its technical point of view; * design and create static and dynamic web pages; | |
| **Course outline** | Chapter 1 :[**Introduction**](file:///E:\yimer%20coll\Special%20Edition%20Using%20HTML%204\fm\fm.htm)   * Internet Technologies and Protocols * Overview of the Internet * World Wide Web * Client-server architecture * How the Web works? * Hypertext Transfer Protocol (HTTP 1.0/HTTP 1.1/secure HTTP) * Other Web protocols (FTP, SMTP, ...) * Web content validation * Website evaluation (readability, layout, coloring, trust…)   Chapter 2 - **Creating Basic Web Pages with HTML**   * What is HTML? * [Creating Basic HTML Documents](file:///E:\yimer%20coll\Special%20Edition%20Using%20HTML%204\ch04\ch04.htm) * [Formatting Text as Paragraphs](file:///E:\yimer%20coll\Special%20Edition%20Using%20HTML%204\ch05\ch05.htm) * [Applying Character Formatting](file:///E:\yimer%20coll\Special%20Edition%20Using%20HTML%204\ch06\ch06.htm) * [Adding Graphics to a Web Page](file:///E:\yimer%20coll\Special%20Edition%20Using%20HTML%204\ch07\ch07.htm) * [Linking Documents Together](file:///E:\yimer%20coll\Special%20Edition%20Using%20HTML%204\ch08\ch08.htm) * [Adding Lists to a Web Page](file:///E:\yimer%20coll\Special%20Edition%20Using%20HTML%204\ch09\ch09.htm) * [Building Navigational Image maps](file:///E:\yimer%20coll\Special%20Edition%20Using%20HTML%204\ch10\ch10.htm) * [Formatting Content with Tables](file:///E:\yimer%20coll\Special%20Edition%20Using%20HTML%204\ch11\ch11.htm) * [Framing Your Web Site](file:///E:\yimer%20coll\Special%20Edition%20Using%20HTML%204\ch12\ch12.htm) * [Collecting Input with Forms](file:///E:\yimer%20coll\Special%20Edition%20Using%20HTML%204\ch13\ch13.htm) * [Inserting Objects into a Web Page](file:///E:\yimer%20coll\Special%20Edition%20Using%20HTML%204\ch14\ch14.htm)   Chapter 3 - **Creating Advanced Web Pages with Dynamic HTML**   * [Making Your Web Sites Accessible to Impaired and International Users](file:///E:\yimer%20coll\Special%20Edition%20Using%20HTML%204\ch15\ch15.htm) * [Adding JavaScript or VBScript to HTML](file:///E:\yimer%20coll\Special%20Edition%20Using%20HTML%204\ch16\ch16.htm) * [Applying Cascading Style Sheets](file:///E:\yimer%20coll\Special%20Edition%20Using%20HTML%204\ch17\ch17.htm) * [Positioning HTML Elements](file:///E:\yimer%20coll\Special%20Edition%20Using%20HTML%204\ch18\ch18.htm) * [Scripting the Object Model](file:///E:\yimer%20coll\Special%20Edition%20Using%20HTML%204\ch19\ch19.htm) * [Binding Data to HTML](file:///E:\yimer%20coll\Special%20Edition%20Using%20HTML%204\ch20\ch20.htm) * [Embedding Web Fonts into a Web Page](file:///E:\yimer%20coll\Special%20Edition%20Using%20HTML%204\ch21\ch21.htm)   Chapter 4 - **Managing your Web Site**   * [Managing and Staging Files](file:///E:\yimer%20coll\Special%20Edition%20Using%20HTML%204\ch38\ch38.htm) * [Verifying and Testing HTML Documents](file:///E:\yimer%20coll\Special%20Edition%20Using%20HTML%204\ch39\ch39.htm) * [Listing Your Web Site in the Search Tools](file:///E:\yimer%20coll\Special%20Edition%20Using%20HTML%204\ch40\ch40.htm) * [Building a Secure Web Site](file:///E:\yimer%20coll\Special%20Edition%20Using%20HTML%204\ch41\ch41.htm) * [Using HTML and Site Tools](file:///E:\yimer%20coll\Special%20Edition%20Using%20HTML%204\ch42\ch42.htm)   Chapter 5 - **Publishing a Web Site**   * [HTML on the Internet](file:///E:\yimer%20coll\Special%20Edition%20Using%20HTML%204\ch01\ch01.htm) * [HTML Page Design and Implementation](file:///E:\yimer%20coll\Special%20Edition%20Using%20HTML%204\ch02\ch02.htm) * [Putting your Web Pages Online](file:///E:\yimer%20coll\Special%20Edition%20Using%20HTML%204\ch03\ch03.htm) | |
| Assessment | * Continuous Assessments 60 %( which includes: tests, quizzes, class activity & attendance, Individual & group Work Assignments and Practical Exams. ) * Final Exam 40% | |
| E-Reference | | 1. elearning.amu.edu.et   username:  password:   1. http://www.w3schools.com |