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| **ArbaMinchUniversityArbaMinchUniversity**Arba Minch UniversityInstitute of Technology (AMiT)Faculty of Computing and Software EngineeringCourse 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, teketelmul2006@yahoo.com  |
| **Contact Hours****Credits**  | Consultation Hours: Monday and Friday |
| 3 |
| **Lecture days, Hours and Room:**  | Lecture hours: Refer the scheduleLab 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;
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| **Course outline** | Chapter 1 :[**Introduction**](file:///E%3A%5Cyimer%20coll%5CSpecial%20Edition%20Using%20HTML%204%5Cfm%5Cfm.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%3A%5Cyimer%20coll%5CSpecial%20Edition%20Using%20HTML%204%5Cch04%5Cch04.htm)
* [Formatting Text as Paragraphs](file:///E%3A%5Cyimer%20coll%5CSpecial%20Edition%20Using%20HTML%204%5Cch05%5Cch05.htm)
* [Applying Character Formatting](file:///E%3A%5Cyimer%20coll%5CSpecial%20Edition%20Using%20HTML%204%5Cch06%5Cch06.htm)
* [Adding Graphics to a Web Page](file:///E%3A%5Cyimer%20coll%5CSpecial%20Edition%20Using%20HTML%204%5Cch07%5Cch07.htm)
* [Linking Documents Together](file:///E%3A%5Cyimer%20coll%5CSpecial%20Edition%20Using%20HTML%204%5Cch08%5Cch08.htm)
* [Adding Lists to a Web Page](file:///E%3A%5Cyimer%20coll%5CSpecial%20Edition%20Using%20HTML%204%5Cch09%5Cch09.htm)
* [Building Navigational Image maps](file:///E%3A%5Cyimer%20coll%5CSpecial%20Edition%20Using%20HTML%204%5Cch10%5Cch10.htm)
* [Formatting Content with Tables](file:///E%3A%5Cyimer%20coll%5CSpecial%20Edition%20Using%20HTML%204%5Cch11%5Cch11.htm)
* [Framing Your Web Site](file:///E%3A%5Cyimer%20coll%5CSpecial%20Edition%20Using%20HTML%204%5Cch12%5Cch12.htm)
* [Collecting Input with Forms](file:///E%3A%5Cyimer%20coll%5CSpecial%20Edition%20Using%20HTML%204%5Cch13%5Cch13.htm)
* [Inserting Objects into a Web Page](file:///E%3A%5Cyimer%20coll%5CSpecial%20Edition%20Using%20HTML%204%5Cch14%5Cch14.htm)

Chapter 3 - **Creating Advanced Web Pages with Dynamic HTML*** [Making Your Web Sites Accessible to Impaired and International Users](file:///E%3A%5Cyimer%20coll%5CSpecial%20Edition%20Using%20HTML%204%5Cch15%5Cch15.htm)
* [Adding JavaScript or VBScript to HTML](file:///E%3A%5Cyimer%20coll%5CSpecial%20Edition%20Using%20HTML%204%5Cch16%5Cch16.htm)
* [Applying Cascading Style Sheets](file:///E%3A%5Cyimer%20coll%5CSpecial%20Edition%20Using%20HTML%204%5Cch17%5Cch17.htm)
* [Positioning HTML Elements](file:///E%3A%5Cyimer%20coll%5CSpecial%20Edition%20Using%20HTML%204%5Cch18%5Cch18.htm)
* [Scripting the Object Model](file:///E%3A%5Cyimer%20coll%5CSpecial%20Edition%20Using%20HTML%204%5Cch19%5Cch19.htm)
* [Binding Data to HTML](file:///E%3A%5Cyimer%20coll%5CSpecial%20Edition%20Using%20HTML%204%5Cch20%5Cch20.htm)
* [Embedding Web Fonts into a Web Page](file:///E%3A%5Cyimer%20coll%5CSpecial%20Edition%20Using%20HTML%204%5Cch21%5Cch21.htm)

Chapter 4 - **Managing your Web Site*** [Managing and Staging Files](file:///E%3A%5Cyimer%20coll%5CSpecial%20Edition%20Using%20HTML%204%5Cch38%5Cch38.htm)
* [Verifying and Testing HTML Documents](file:///E%3A%5Cyimer%20coll%5CSpecial%20Edition%20Using%20HTML%204%5Cch39%5Cch39.htm)
* [Listing Your Web Site in the Search Tools](file:///E%3A%5Cyimer%20coll%5CSpecial%20Edition%20Using%20HTML%204%5Cch40%5Cch40.htm)
* [Building a Secure Web Site](file:///E%3A%5Cyimer%20coll%5CSpecial%20Edition%20Using%20HTML%204%5Cch41%5Cch41.htm)
* [Using HTML and Site Tools](file:///E%3A%5Cyimer%20coll%5CSpecial%20Edition%20Using%20HTML%204%5Cch42%5Cch42.htm)

Chapter 5 - **Publishing a Web Site*** [HTML on the Internet](file:///E%3A%5Cyimer%20coll%5CSpecial%20Edition%20Using%20HTML%204%5Cch01%5Cch01.htm)
* [HTML Page Design and Implementation](file:///E%3A%5Cyimer%20coll%5CSpecial%20Edition%20Using%20HTML%204%5Cch02%5Cch02.htm)
* [Putting your Web Pages Online](file:///E%3A%5Cyimer%20coll%5CSpecial%20Edition%20Using%20HTML%204%5Cch03%5Cch03.htm)
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| Assessment  | * Continuous Assessments 60 %( which includes: tests, quizzes, class activity & attendance, Individual & group Work Assignments and Practical Exams. )
* Final Exam 40%
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| E-Reference | 1. elearning.amu.edu.et

 username: password: 1. http://www.w3schools.com
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