CIT3734 Web Technologies in Business

Code
CIT3734

Title
Web Technologies in Business

Prerequisites
none

Credits
3

Description
This course provides knowledge about Web Technologies principles. Course includes creating and design Web Sites using HTML, CSS and JavaScript. Using Internet technologies. Overview of the www browsers, basic web page elements. Using applications for creating web sites such as MS SharePoint Designer and/or Dreamweaver.

Outcomes
1 Knowledge and understanding Have demonstrated knowledge and understanding principles of web technologies, including knowledge of creating and designing web sites. 2 Applying knowledge and understanding Can apply their knowledge and understanding when creating web pages using HTML, CSS, JavaScript, work with MS SharePoint Designer and Dreamweaver web editors, use the fundamental computer graphics. 3 Making judgment "Ability to gather, analyze, evaluate, and present information, ideas, concepts from relevant data; Exercise appropriate judgment, taking into account relevant personal, social, scientific or ethical aspects." 4 Communication skills "Can communicate and discuss information, ideas, problems and solutions on the contexts where criteria for decisions and the scope of the task may be well defined to both specialist and non- specialist audiences" 5 Learning skills Take initiative to identify and address learning needs for further knowledge

Assessment
60 % -first and second assessments
40 % -final assessment

Tentative course outline
Week1
"Syllabus. About Web Technologies in Business. Internet Technology. Internet access. Basic performances the Internet. The transfer protocols of the information. Web space. Internet Information search. The protocol TCP/IP. Search engines. Advanced search. Introduction to HTML (Presentation)"

Week2
"HTML tables. Basic tags& attributes HTML tables. Cellspacing, cellspadding, colspan, rowspan HTML links"

Week3
"Quiz1 (15%) 26.05.2020 (on the Moodle) Practical task: creating the web pages by using HTML tags "HTML Forms Embedded Objects, marquee Preparation to HTML Quiz "

Week4
"Quiz1 (15%) 26.05.2020 (on the Moodle) Practical task: creating the web pages by using HTML tags Cascading Style Sheets (presentation) CSS Inline, Internal methods"

Week5
"Create files with External CSS CSS classes CSS code. Background, background color & image Font: color, family, size, ...Text: decoration, indent "

Week6
"HTML and CSS CSS Margin, Border CSS animation Introducing Web Editors. MS SharePoint Designer"

Week7
"MS SharePoint Designer Views: Design, Code and Split. Creating the HTML code Navigation structure Link bars Quiz 2 (15%) 03.06.2020 (on the Moodle) Practical task: creating the web pages by using HTML and CSS

Week8
"Graphics and Pictures. Hyperlinks and Bookmarks Forms. GOOGLE Forms Designing with Internal and External Cascading Style Sheets Lists. Tables"

Week9
"Web Components Create Web Pages with map Hot Spots. CSS Behaviors Task Pane "

Week10
" Home Project (15%) Deadline 17.06.2020 (on the Moodle) el2019.kimep.kz / Web Technologies in Business / Topic 3 / Home Project Quiz 3 (15%) 18.06.2020 (on the Moodle) Practical task: creating the web pages by using SharePoint Designer application (Link bars, Lists, Hyperlinks,

Hot Spots, CSS). "

Week11
JavaScript

Week12
"Layers Layers and Behaviors Layers, Behaviors, Scripts"

Week13
"Iframes Layers and Iframes Preparation to Final Exam Part 1 "

Week14
"Final Exam Part 1 (15%) Practical task: Layers, Behaviors, Iframes (during the online class) Review"

Week15
"Final Exam Part 2 (25%) (according to the general schedule) Online test: All topics"