



Course Descriptor MIFS202- Web application Development

Proposed Academic Year	2020-2021	Last Reviewed Academic Year	2020-2021
Course Code	MIFS202	Course Title	Web application Development
Credit hours	03	Level of study	Undergraduate
College / Centre	CoBA	Department	MIS
Co-requisites		Pre-requisites	MIFS101

1. COURSE OUTLINE

The course intends to furnish the students with concepts, issues and to apply techniques related to Website design and development. The course will cover the topics includes Concept of website design, Introduction to Web Development, working with HMTL, CSS and Javascript.

2. AIMS

This course is designed to familiarize students with concepts, issues and to apply techniques related to Website design and development. The course will enable the students to learn about Web design, HTML, and Cascading Style Sheets (CSS). Students will be able to apply the skill to develop basic websites

3. LEARNING OUTCOMES, TEACHING, LEARNING and ASSESSMENT METHODS

Learning Outcomes (Definitive)	Teaching and Learning methods (Indicative)	Assessment (Indicative)
Upon successful completion of this course, students will be able to:		
1. Demonstrate an appropriate understanding of Web applications. Demonstrate an appropriate.	e.g., lectures, online videos tutorials and seminars, online group discussions using LMS, independent readings, individual or group work, presentation.	e.g., tests, assignments, individual or group project, participation
2. Demonstrate an appropriate knowledge of HMTL, CSS and Javascript.	e.g., lectures, online videos tutorials and seminars, online group discussions using LMS, independent readings, individual or group work, presentation.	e.g., tests, assignments, individual or group project, participation
3. Identify and explain a broad understanding of web pages and their related design technologies	e.g., lectures, online videos tutorials and seminars, online group discussions using LMS, independent readings, individual or group work, presentation.	e.g., tests, assignments, individual or group project, participation



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4. Demonstrate appropriate knowledge to present information in web pages	e.g., lectures, online videos tutorials and seminars, online group discussions using LMS, independent readings, individual or group work, presentation.	e.g., tests, assignments, individual or group project, participation

4. ASSESSMENT WEIGHTING

Assessment	Percentage of final mark (%)
Final	30
MID	30
Assignment	30
Participation	10
TOTAL	100%

5. ACHIEVING A PASS

Students will achieve **03** credit hours for this course by passing **ALL** of the course assessments [*alternatively, list the compulsory pass assessments**] and achieving a **minimum overall score of 50%**

NB *Ensure that ALL learning outcomes are taken into account

6. COURSE CONTENT (Indicative)

Overview of WVVW, Internet & its associated technologies

Introduction to HTML

HTML Basics

HTML Style and formatting

HTML Tables

HTML Forms

HTML and CSS

HTML blocks and navigation bar

HTML page layout

HTML and JavaScript

Usability



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TOTAL HOURS	
Plus RECOMMENDED INDEPENDENT STUDY HOURS	
TOTAL COURSE HOURS	

7. RECOMMENDED READING

Core text/s:

1. Connolly, R., 2015. Fundamentals of web development. Pearson Education.
2. Felke-Morris, T., (2012): Web Development and Design Foundations with HTML5: International Edition, 6th Edition, Addison Wesley, ISBN10: 0132783398
3. Harris, A., (2011): HTML5 for Dummies. Published by Wiley, ISBN: 978-1-1180-1252-9
<http://it-ebooks.info/book/1008/>

Library + online resources:

ASU library
ASU online resources (ProQuest and ebrary)
Sultan Qaboos University Library (by agreement)

Open Educational Resources: