

WEB HOSTING & DESIGN DTECH210

MODULE DETAILS

Course Location : Sierra Leone
Department : Faculty of Information & Communication Technology
Program Name : Associate Degree Business Information Systems
Semester : 7
Credits : 3
Status : Core Subject
Contact hours : 3 hours (1-hour lecture + 2 hours lab tutorial)
Pre-requisite : Fundamentals of Web Design
No. of assignments : 3
Lecturer : Oluwatosin B. Ayorinde

Prepared by Oluwatosin B. Ayorinde

Approved by AQA

Signature : _____ Date _____

Signature: _____ Date _____

This document comprises the following:

- Essential Information
- Specific Module Information
- Module Rules & Regulations
- Grades
- Plagiarism
- Module Introduction
- Module Aims & Objectives
- Learning Outcome
- Specific Generic Learning Skills
- Syllabus + Lecture Outline
- References
- Assessment Schedule
- Assessment Criteria
- Specific Criteria

Other documents as follows will be issued to you on an ongoing basis throughout the semester:

- Handouts for Assignments

- Submission Requirements + Guidelines
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1.0 ESSENTIAL INFORMATION

- All modules other than electives are '**significant modules**'
- As an indicator of workload one credit carries and additional 2 hours of self study per week. For example, a module worth 3 credits require that the student spends an additional 6 hours per week, either reading, completing the assignment or doing self directed research for that module.
- Submission of ALL assignment work is compulsory in this module, in failure to do so; a DNS (Did not submit) grade will be awarded. An overall grade of DNC (Did not complete) will be awarded for those who fail to submit a major piece of assessment work (major assignment) or sit for either the midterm examination or final examination. A student cannot pass this module without having to submit ALL assignment work by the due date or an approved extension of that date.
- All assignments are to be handed on time on the due date. Students will be penalised 10 percent for the first day and 5 percent per day thereafter for late submission (a weekend or a public holiday count as one day). Late submission, after the date Board of Studies meeting will not be accepted.
- "The major/group project and the final examination are considered as compulsory assessments for the module and under no circumstances what so ever will any student pass the module if these assessments have not been submitted and/or sat for"
- Due dates, compulsory assignment requirements and submission requirements may only be altered with the consent of the majority of students enrolled in this module at the beginning/early in the program.
- Extensions of time for submission of assignment work may be granted if the application for extension is accompanied by a medical certificate.
- Overseas travel is not an acceptable reason for seeking a change in the examination schedule.
- Only the Head of School can grant approval for extension of submission beyond the assignment deadline.
- Re-submission of work can only receive a 50% maximum pass rate.
- Supplementary exams can only be granted if the level of work is satisfactory **AND** the semester work has been completed.
- Harvard referencing and plagiarism policy will apply on all written assignments.

2.0 SPECIFIC MODULE INFORMATION

- Attendance rate of 80% is mandatory for passing module.
- All grades are subject to attendance and participation.
- Absenteeism at any scheduled presentations will result in zero mark for that presentation.

- Visual presentation work in drawn and model form must be the original work of the student.
- The attached semester program is subject to change at short notice.

3.0 MODULE RULES AND REGULATIONS:

Assessment procedure:

- These rules and regulations are to be read in conjunction with the UNIT AIMS AND OBJECTIVES
- All assignments/projects must be completed and presented for marking by the due date.
- Marks will be deducted for late work and invalid reasons.
- All assignments must be delivered by the student in person to the lecturer concerned. No other lecturer is allowed to accept students' assignments.
- All tests/examinations are compulsory.
- Students must sit the test/examination on the notified date.
- Students are expected to familiarize themselves with the test/examination timetable.
- Students who miss a test/examination will not be allowed to pass.
- Any scheduling of tutorials, both during or after lecture hours, is TOTALLY the responsibility of each student. Appointments are to be proposed, arranged, confirmed, and kept, by each student. Failure to do so in a professional manner may result in penalty of grades. Tutorials WITHOUT appointments will also NOT be entertained.
- Note that every assignment is given an ample time frame for completion. This, together with advanced information pertaining deadlines gives you NO EXCUSE not to submit assignments on time

4.0 GRADES

All modules and assessable projects will be graded according to the following system. With respect to those units that are designated 'Approved for Pass/Fail' the grade will be either PA or F:

Grade	Numeric Grade	Description
90 – 100	A+	Pass with Distinction
85 – 89	A	
80 – 84	A-	
75 – 79	B+	Pass with Credit
74 – 70	B	

65 – 69	B-	
60 – 64	C+	
55 – 59	C	Pass
50 – 54	C-, PX, PC	
0 – 49	F	Fail

EXP	Exempted
PC	Pass Conceded
PP	Pass Provisional with extra work needed
PX	Pass after extra work is given and passed
X	Ineligible for assessment due to unsatisfactory attendance
D	Deferred
W	Withdraw
DNA	Did Not Attend Module
DNC	Did Not Complete Module

5.0 PLAGIARISM, COPYRIGHT, PATENTS, OWNERSHIP OF WORK: STUDENT MAJOR PROJECT, THESES & WORKS

See LIMKOKWING, HIGH FLYERS HANDOUT, pg 10.

6.0 MODULE INTRODUCTION

In order to understand the capabilities of the Web Design and to evaluate trends and products, this course first give a little history; of both the technology and the industry. Then this course gives a thorough understanding of Designing Concepts, enabling you to evaluate the various tools as they relate to your organization's requirements. Style sheets are changing the way Web sites are created and maintained. This important feature will be covered throughout the course.

7.0 MODULE AIMS AND OBJECTIVES

- To provide thorough understanding of the fundamentals of developing interactive content for the World Wide Web
- To enable the student to host and design Web design at a professional level
- To explain on how to interact with a Web page for any programming task

8.0 LEARNING OUTCOME

- Create innovative design solutions that harness the fundamental characteristics of the medium.
- Understand the process and workflow of creating well-organized and standards-compliant web sites.
- Demonstrate the ability to create code HTML/CSS code for sites and deliver them to the internet

9.0 SPECIFIC GENERIC LEARNING SKILLS

At the end of the module, students are expected to acquire the following skills:

- To explain how to improve a site in terms of performance and usability
- To create a realistic environment and web server
- To host a web site at a professional level

10.0 UNIT SYLLABUS + LECTURE OUTLINE:

Week: 1

LECTURE 1: WEB CONCEPTS

Lecture Synopsis:

- 1.1. Course Introduction
- 1.2. Understand the term client/server
- 1.3. Understanding the terms domain
- 1.4. Web -Browser types
- 1.5. Server types
- 1.6. Site merit
- 1.7. Skills required
- 1.8. Tools required
- 1.9. Domain names
- 1.10. Site construction
- 1.11. Hosting concepts
- 1.12. Understanding the use of primary protocols: TCP/IP/HTTP, FTP

Handout: Lecture 1 PowerPoint handouts

LAB SESSION 1:

Week: 2

LECTURE 2: BUILDING YOUR WEBSITE

Lecture Synopsis:

- 2.1. Mistakes in web design
- 2.2. Practical (2hrs)

Handout: Lecture 2 PowerPoint handouts, Assignment 1



Week: 3

LECTURE 3: BUILDING YOUR WEBSITE

Lecture Synopsis:

- 3.1 Site structure
- 3.2 Folders, files and the public_html
- 3.3 Practical (1hr)

Handout: Lecture 3 PowerPoint handouts

LAB SESSION 3:

Week: 4

LECTURE 4: PLANNING AND PREPARATION

Lecture Synopsis:

- 4.1 Consultation
- 4.2 Timeline & Preparation
- 4.3 Sitemap
- 4.4 Outline
- 4.5 Web hosting options (Ipage, Bluehost, etc.)

Handout: Lecture 4 PowerPoint handouts

Due Date: Submission of Assignment 1 & Issuing of Assignment 2

Week: 5

LECTURE 5: EVALUATING WEB HOSTING TECHNOLOGIES

Lecture Synopsis:

- 5.1 Web hosting
- 5.2 Domain name
- 5.3 Choosing between servers
- 5.4 Control panel

Handout: Lecture 5 PowerPoint handouts, Assignment 2



Week: 6

LECTURE 6: INSTALLATION OF CMS

Lecture Synopsis:

- 6.1 Installation and setting up of Joomla
- 6.2 Installation of theme
- 6.3 Using Dashboard
- 6.4 Creating Pages
- 6.5 Installing plugins
- 6.6 Editing Content

Handout: Lecture 6 PowerPoint handouts

Week: 7

LECTURE 7: USING HOSTED E-MAIL

Lecture Synopsis:

- 7.1. Enhancing your brand with a personalized e-mail address
- 7.2. Creating E-mail Address
 - 7.2.1 Picking a name
 - 7.2.2 Picking more than one name
 - 7.2.3 Selecting the right mailbox size
- 7.3 Reading and writing E-mail

Handout: Lecture 7 PowerPoint handouts

Due Date: Submission of Assignment 2 & Issuing of Final Project

Week: 8

MID SEMESTER BREAK

Week: 9

LECTURE 8: USING HOSTED E-MAIL

Lecture Synopsis:

- 8.1 Webmail Advantage
- 7.2 Going offline with mail client
- 7.3 Box trapper
- 7.4 Spam assassin

Handout:

Lecture 8 PowerPoint handouts

Week: 10

LECTURE 9: MANAGING FILES

- 9.1 Unleashing the power of FTP
- 9.2 Finding your FTP details
- 9.3 Installing an FTP Client
- 9.4 Using FTP
- 9.5 Determining file location
- 9.6 Securing FTP
- 9.7 Creating new FTP account

Handout: Lecture 9 PowerPoint handouts

Week: 11 & 12

LECTURE 10: FINAL PROJECT WRAP-UP

- 10.1 Wrap-up site
- 10.2 Things your Host won't help with (for free) – spam, malware, increasing traffic, etc.
- 10.3 Maintaining a website

Handout: Lecture: PowerPoint handouts

Week: 13

CONSULTATION

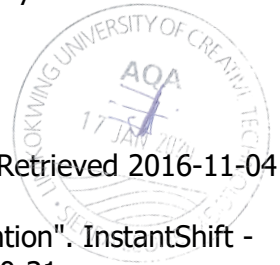
Week: 14

SUBMISSION AND GROUP PRESENTATION

11.0 REFERENCES

Internet Sources/ Books / Electronic Books:

- Raggett, Dave; Jenny Lam; Ian Alexander (1996). HTML 3: Electronic Publishing on the World Wide Web. Harlow, England; Reading, Mass: Addison-Wesley. p. 21. ISBN 9780201876932.
- "The history of web hosting". www.tibus.com.
- "A History of Web Hosting [Infographic]". *BizTech*. 2012-02-24. Retrieved 2016-11-04
- InstantShift. "A Guide to Web Hosting Security Issues and Prevention". InstantShift - Web Designers and Developers Daily Resource. Retrieved 2016-10-31



12.0 ASSESSMENT SCHEDULE

ASSIGNMENT DESCRIPTION	ISSUE DATE	DUE DATE	%
ASSIGNMENT 1	WEEK 2	WEEK 4	25%
ASSIGNMENT 2	WEEK 4	WEEK 7	25%
FINAL PROJECT	WEEK 8	WEEK 14	45%
ATTENDANCE	WEEK 1	WEEK 14	5%
TOTAL			100%

13.0 ASSESSMENT CRITERIA

Process of grading and criteria used to determine the grades, passes and high distinctions.

15.0 SPECIFIC CRITERIA

- Each assignment will be handed out with the project brief and will vary, depending on the teaching and learning objectives of the specific assignment.
- Each student will receive a completed assessment sheet back with their marks, thereby giving student feedback on each set criterion and the project as a whole.
- Marks for each project will be posted on the Bulletin Board with student number within 2 weeks of hand-in date

