

AMITY GLOBAL INSTITUTE

Module Syllabus

Course	BACHELOR OF SCIENCE (HONOURS) COMPUTING (UNIVERSITY OF NORTHAMPTON)
Module Title	Web Development
Module Syllabus no. (if any)	CSY1018
Year Offered	2018
Start Date	February 2018 / September 2018
End Date	January 2019 / August 2019
Syllabus / Content / Learning Outcomes	<p>On successful completion of the module students will be able to:</p> <p>Knowledge and Understanding</p> <p>a) Appreciate the underlying Internet Technologies.</p> <p>b) Appreciate the technical underlying infrastructure of the World Wide Web.</p> <p>Subject Specific Skills</p> <p>On successful completion of the module students will have demonstrated their ability to:</p> <p>c) Appreciate Web site Design and Implementation processes.</p> <p>d) Design & Code User-Friendly Web pages.</p> <p>e) Be able to associate a variety of file types within Web pages.</p> <p>f) Upload, update & maintain Web pages on a Web server.</p> <p>g) Work towards the Development of client side software.</p> <p>Key Skills</p> <p>On successful completion of the module students will have had the opportunity to:</p> <p>h) Learning to learn: Be able to use Web Development Technology in contemporary client side software.</p> <p>i) Communications skills: Prepare a report with appropriate technical content.</p> <p>j) Communications skills: Where necessary explain relevant technical issues in an oral presentation</p>
No. of Teaching Hours	24 x 1 hr lectures = 24 24 x 1 hr supervised laboratory = 24 Assessment = 50 Independent Study = 102 TOTAL = 200
Teaching Methods	Lectures, tutorials, case-studies analysis, research journals and group discussion.
Assessment Methods and Weightages	AS1- Assignment 1 Web site (design & implement) (2,500 words or equivalent)= 50% AS2- Assignment 2 Client side Application (Dynamic Web site) (2,500 words or equivalent) =50%
Skills for Maximising Learning Outcomes	Reading and research
Dates of Examinations, Major Assessments and Assignments	Please refer NILE at: https://nile.northampton.ac.uk

Note: All Information provided to Amity will be kept strictly confidential except for those required under statutory requirements and by government authorities and relevant university partners and accreditation bodies as part of the regulatory or course requirements.

AMITY GLOBAL INSTITUTE

Recommended Text	The module will be delivered as a combination of lectures and practical sessions. Lectures will introduce the key topics and their conceptual basis. Practical exercises will be used to reinforce learning of the practical aspects of the module John Duckett- Web Designing with HTML, CSS and Java Script – Wiley – 1 st Edition
Additional Reference Texts (if any)	
Additional Remarks (if any)	

Lesson No.	Learning Outcome
1	Technical overview of the Internet
2	Technical overview of WWW
3	Information sources and access to digital libraries
4	Web Development Environment
5	Supervised Laboratory
6	Web Mark-Up Languages
7	Supervised Laboratory
8	Web Site design considerations
9	Supervised Laboratory
10	Creating Web pages to web Standard
11	Supervised Laboratory
12	Formatting Web pages with Cascading Style Sheets, CSS
13	Supervised Laboratory
14	Dynamic Web pages with JavaScript
15	Supervised Laboratory
16	Implementing and maintaining a Web site

Note: All Information provided to Amity will be kept strictly confidential except for those required under statutory requirements and by government authorities and relevant university partners and accreditation bodies as part of the regulatory or course requirements.