هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commission

T-104
2022

Course Specification

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Course Title:	**Content Management System**
Course Code:	**1321 CSA**
Program:	**Web and Mobile Application Development**
Department:	**NA**
College:	**Applied College**
Institution:	**King Khalid University**
Version:	**1**
Last Revision Date:	**6 August 2023**

Table of Contents:

Content	Page
A. General Information about the course	3
1. Teaching mode (mark all that apply) 2. Contact Hours (based on the academic semester)	3
B. Course Learning Outcomes (CLOs), Teaching Strategies and Assessment Methods	5
C. Course Content	5
D. Student Assessment Activities	6
E. Learning Resources and Facilities	7
1. References and Learning Resources	7
2. Required Facilities and Equipment	7
F. Assessment of Course Qualit	7
G. Specification Approval Data	8

A. General information about the course:

Course Identification					
1. Credit hours:	3				
2. Course type					
a.	University ☐	College ☐	Department☐	Track☐	Others☒
b.	Required ☒	Elective☐			
3. Level/year at which this course is offered:	2nd Level				
4. Course general Description: In a rapidly changing world, the need for online publishers to keep up with the needs and expectations of their site visitors is paramount. Today, many web publishers use content management systems (CMS) to allow them to instantly and dynamically update web pages and properties as new content becomes available so that every visit to a site is engaging, informative, and meaningful. This course explores the use of the three most popular open-source web-based content management systems—WordPress, Joomla, and Drupal—to create dynamic and flexible websites and landing pages. Participants explore the fundamentals of planning dynamic websites, CMS database management, developing CSS-controlled site templates, and creating database-driven websites through the planning and creation of their own topic-based sites.					
5. Pre-requirements for this course (if any): 1301CIS					
6. Co- requirements for this course (if any):					
7. Course Main Objective(s): The goal of a CMS is to provide an intuitive user interface for building and modifying webpage content. There are some specific reasons for you can use CMS for your website. • If you can send an e-mail, use Microsoft Word or set up a Facebook account, then you can use a CMS. • With a CMS you enter the Do-It-Yourself world. • Most CMS software is online and offers multiple users, which means you're not the only one who can fix something in a pinch, and you can access it from anywhere. Most CMS software also makes it easier to optimize your search engine results.					

1. Teaching mode (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1.	Traditional classroom	64	100
2.	E-learning		
3.	Hybrid • Traditional classroom • E-learning		
4.	Distance learning		

2. Contact Hours (based on the academic semester)

No	Activity	Contact Hours
1.	Lectures	32
2.	Laboratory/Studio	32
3.	Field	
4.	Tutorial	
5.	Others (specify)	
	Total	64

B. Course Learning Outcomes (CLOs), Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
1.0	Knowledge and understanding			
1.1	Define and describe the relationships between central concepts of content management.	K2	Lectures + Lab	Exams, Assignments, Quizzes
1.2	Explain the role of different types of metadata for the representation of the content	K1	Lectures + Lab	Exams, Assignments, Quizzes
2.0	Skills			
2.1	Adapt the navigational structure of a website to different audiences and devices	S1	Lectures + Lab	Exams, Assignments, Quizzes
2.2	Analyze and describe the information architecture of a website or an information product	S2	Lectures, Lab, group discussion	Exams, Assignments, Quizzes
2.3	Perform target group adapted search engine optimization of a website through the use of metadata.	S3	Lectures, Lab, group discussion	Exams, Lab Assignments, Quizzes
3.0	Values, autonomy, and responsibility			
3.1	Hands-on experience on (Word Press, Joomla and Drupal) creation of web sites)	V2	Lectures, Lab, Case Study	Exams, Assignments and presentation
3.2	Work independently and as part of team managing resources, time and other members of the group.	V3	Lab, group work	Exams, Assignments and presentation
3.3	Use of interpersonal skills and capacity to carry responsibility to be developed and Communicate results of work to others	V1	Lab demo, group work, group discussion,	presentation

C. Course Content

No	List of Topics	Contact Hours
1	Understanding Web Content Management Systems, Dynamic vs Static web sites, Popular open-source CMS, Content Management System Usage	7
2	Word Press, Introduction to Word Press, finding a home for your word	9

	press site, installing word press on your site, content management using word press	
3	Selecting the right tools, image formats, fonts and colors, designing your word press site., Themes and Templates, Parent and Child themes and Using Word press as a content management system.	11
4	Joomla Back End, Joomla Global Configuration, media menu, Component, Content &Extensions manager, Module, plugin& template manager, Understanding the concept of Joomla positions.	7
5	Joomla Front End, understanding basic Joomla Template, Customizing Joomla Template, Linking CSS, Java Script, Understanding includes, Displaying Content in XHTML, Creating Custom Forms and Changing the form appearance using CSS	7
6	Drupal, Introduction to Drupal, finding a home for your Drupal site, installing Drupal on your site, Content management using Drupal	7
7	Selecting the Right tools, image formats, Fonts and Colors, Designing your Drupal site, The Drupal and Default Layout.	7
8	Themes and Templates, Parent and Child themes and Using Drupal Plugins	7
9	Course Review	2
Total		64

D. Students Assessment Activities

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	Quiz 1	4	5
2.	Midterm Exam 1	7	10
3.	Practical Assessment	1 to 16	30
4.	Midterm Exam 2	12	10
5.	Quiz 2	14	5
6.	Final Exam	After week 16	40

*Assessment Activities (i.e., Written test, oral test, oral presentation, group project, essay, etc.)

E. Learning Resources and Facilities

1. References and Learning Resources

Essential References	1. List Required Textbooks ▪ WordPress All in One for Dummies By Lisa Sabin Wilson ISBN-13: 978-1118383346 ▪ Joomla 3 Explained. Your Step by step Guide, Second Edition By Stephen Borge ISBN-13: 978-0321943224
Supportive References	2. List Essential References Materials (Journals, Reports, etc.) ▪ Drupal 8 for Beginners ▪ King Khalid University digital Library.
Electronic Materials	▪ www.tutorialspoint.com/wordpress ▪ www.tutorialspoint.com/Joomla ▪ www.tutorialspoint.com/Drupal
Other Learning Materials	All other materials will be made available via course's Blackboard page

2. Required Facilities and equipment

Items	Resources
facilities (Classrooms, laboratories, exhibition rooms, simulation rooms, etc.)	• Lecture Room with enough capacity Chairs Projector/Screen. • Laboratories with Computers
Technology equipment (projector, smart board, software)	• LAB: at least 20 computers with installed WordPress CMS and other supporting software. • Internet connection
Other equipment (depending on the nature of the specialty)	

F. Assessment of Course Quality

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of teaching	Students	Indirect
Effectiveness of students assessment	Course Teacher	Direct
Quality of learning resources	Program Supervisor, Quality	Direct

Assessment Areas/Issues	Assessor	Assessment Methods
	Unit	
The extent to which CLOs have been achieved	Course Teacher	Direct
Other	Course Teacher, Quality Unit	Direct

Assessor (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

Assessment Methods (Direct, Indirect)

G. Specification Approval Data

COUNCIL /COMMITTEE	
REFERENCE NO.	
DATE	