



Jordan University of Science and Technology
Faculty of Computer & Information Technology
Software Engineering Department

SE323 Software Documentation - JNQF Level: 7
Second Semester 2023-2024

Course Catalog
2 Credit Hours. This course provides an introduction to the task-oriented approach used by software engineers to create software documentation. Students will learn to write software documentation through a structured process, including user analysis, planning, designing, testing, and reviewing. The course covers various software documentation types, such as tutorials, procedures, and reference guides, and teaches students how to write each type effectively. Additionally, students will gain proficiency in using tools to produce comprehensive documentation for any software, while adhering to standard guidelines and employing clear English structures.
Teaching Method: Blended

Text Book	
Title	Writing a Software Documentation: a Task-oriented approach
Author(s)	Thomas T. Barker
Edition	2nd Edition
Short Name	Ref No.1
Other Information	

Instructor	
Name	Miss Fatima Abuhjeela
Office Location	Engineering Building (N2 level 0)
Office Hours	Sun : 09:30 - 10:30 Mon : 10:00 - 11:30 Tue : 09:30 - 10:30 Tue : 11:30 - 12:30 Wed : 10:00 - 11:30
Email	fmabuhjeela@just.edu.jo

Class Schedule & Room
Section 1: Lecture Time: Sun : 11:30 - 12:30 Room: SF06

Prerequisites		
Line Number	Course Name	Prerequisite Type
1762300	SE230 Fundamentals Of Software Engineering	Prerequisite / Study

Tentative List of Topics Covered		
Weeks	Topic	References
Weeks 1, 2	Course Introduction Understanding task orientation Constructing a Task List. Understanding the characteristics of tasks	From Ref No.1
Weeks 3, 4	Writing to teach- Tutorials	From Ref No.1
Weeks 5, 6	Writing to Guide - Procedures	From Ref No.1
Weeks 7, 8	Writing to Support - References	From Ref No.1
Weeks 9, 10	User Analysis	From Ref No.1
Weeks 11, 12, 13	Conducting usability tests, and getting useful reviews	From Ref No.1
Weeks 14, 15	Using graphics	From Ref No.1

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
The student will be able to identify the task orientation process and analyze the project to small tasks, and Construct a task list from project. [1C16, 1B3] [1L7K1]	25%	
The student will be able to explain the forms of software documentation such as Tutorials, procedures and references and use the guideline to write the appropriate one. [1C14, 1B6] [1L7S2]	30%	

The user will be able to follow and use the process of software documentation, from user analysis thru editing and fine tuning using the suitable guidelines. [1C16, 1B5] [1L7C4]	25%	
The user will be able to apply the guidelines and develop a software documentation using the tools of software documentation. [1C14, 1B13] [1L7S3]	20%	

Relationship to NQF Outcomes (Out of 100%)																								
SM1p	SM2p	SM3p	EA1p	EA2p	EA3p	EA4p	D1p	D2p	D3p	D4p	D5p	D6p	ET1p	ET2p	ET3p	ET4p	ET5p	ET6p	EP1p	EP2p	EP3p	EP4p	EP5p	EP6p

Relationship to NQF Outcomes (Out of 100%)			
L7K1	L7S2	L7S3	L7C4
25	30	20	25

Evaluation	
Assessment Tool	Weight
Final	50%
First Exam	25%
Second Exam	25%

Policy	
Attendance	Excellent attendance is expected. In accordance with university regulations, students missing more than 20% of total classes are subject to failure. No excuses will be accepted. If you miss class, it is your responsibility to find out about any announcements or assignments you may have missed. Attendance will be recorded at the beginning or end of each class.
Participation	You are expected to participate in class. Participation includes asking and answering questions, raising issues, and suggesting solutions to the discussed problems.
Activity	Students are expected to work on an activity within a group of 3-4 students. The activity could be a Project that the main objectives is writing a complete user manual of specific software: Tutorial, procedure and references based on the process of software documentation that will be covered in the course during the semester.
Exam	All exams will be CLOSE-BOOK. The format for the exams is generally as follows: multiple-choice, and short essay questions.
Code of conduct	Quizzes and exams need to be done individually. Copying of another student's work, even if changes are subsequently made, is inappropriate, and such work will not be accepted. Cheating or copying from neighbor on exam is an illegal and unethical activity and standard JUST policy will be applied. All graded assignments must be your own work.

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