



**Jordan University of Science and Technology**  
**Faculty of Computer & Information Technology**  
**Computer Science Department**

CS491 Graduation Project 1

First Semester 2020-2021

**Course Catalog**

1 Credit Hours. Provides the senior student with the opportunity to undertake a substantial graduation project under the supervision of a faculty member. At least two weeks prior to registration, an interested student must submit to the department chair a written request for permission to select a project. The request is to include a preliminary description of the proposed project and the name of the supervising faculty member. During this course, the student is expected to specify and design the proposed system or software.

**Instructor**

Name	Dr. Firas Al Balas
Office Location	-
Office Hours	
Email	faalbalas@just.edu.jo

**Class Schedule & Room**

Section 1:  
 Lecture Time: U :-  
 Room: U

**Tentative List of Topics Covered**

Weeks	Topic	References
	In this topic the student includes most of the core topics in his project include programming languages, algorithms, web design, etc...	

Mapping of Course Outcomes to Program Student Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Work with a complex computing problem and use principles of computing to find solutions. [ISO1]	18%	

Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline [1SO2]	18%	
Communicate effectively in a variety of professional contexts. [1SO3]	18%	
Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles. [1SO4]	18%	
Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline. [1SO5]	15%	
Apply computer science theory and software development fundamentals to produce computing-based solutions. [1SO6]	13%	

Relationship to Program Student Outcomes (Out of 100%)					
SO1	SO2	SO3	SO4	SO5	SO6
18	18	18	18	15	13

Policy	
Meetings	Weekly meeting with supervisor including meeting minutes.

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