



Jordan University of Science and Technology
Faculty of Engineering
Civil Engineering Department

CE999A A Thesis - JNQF Level: 10

First Semester 2022-2023

Course Catalog

12 Credit Hours. This course focuses on the development and completion of an original research project that advances knowledge in Structural and Civil Engineering. Students will identify a research problem, conduct a literature review, and apply advanced methods to address their objectives. The course emphasizes innovation, critical thinking, and scholarly communication, culminating in a defended dissertation that demonstrates originality and research excellence.

Teaching Method: On Campus

Instructor

Name	Prof. Ayman Ababneh
Office Location	N1 L-1
Office Hours	Sun : 09:00 - 10:30 Mon : 08:30 - 10:00 Tue : 09:00 - 10:30 Wed : 11:30 - 13:00
Email	anababneh@just.edu.jo

Class Schedule & Room

Section 1:
Lecture Time: U : -
Room: متزامن الحضور منصة الكترونية

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Identify and formulate a significant research problem within the field of Structural and Civil Engineering, demonstrating advanced knowledge and critical thinking. [1L10C2]	30%	
Apply advanced research methodologies, including theoretical, experimental, or computational techniques, to solve complex engineering problems. [1L10S1]	30%	

Communicate research findings effectively through a well-organized dissertation, journal publications, and conference presentations. [1L10C3]	20%	
Ability to understand the social values and demonstrate leadership capabilities to change those values. [1L10C5]	20%	

Relationship to NQF Outcomes (Out of 100%)			
L10S1	L10C2	L10C3	L10C5
30	30	20	20

Date Printed: 2024-12-13