



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

EE795 Seminar In Wireless Communications - JNQF Level: 9

Second Semester 2022-2023

Course Catalog

1 Credit Hours. This is a research seminar course that focuses on current issues in wireless systems. Students will conduct a research project, working in pairs or individually. The project consists of selecting a topic in the emerging field of wireless systems with the help of the instructor, and reading 2-3 published papers related to that topic. After that, students will select one of those papers, subject to instructor's approval, analyze it thoroughly, regenerate all its figures via Matlab and try to improve its results, which may lead to publication. The results are presented at the end of the semester in the form of written report and a formal presentation.

Instructor

Name	Dr. SARI KHATALIN
Office Location	E1L3
Office Hours	Sun : 08:30 - 09:30 Sun : 11:30 - 12:30 Tue : 08:30 - 09:30 Tue : 11:30 - 12:30 Wed : 08:30 - 09:30 Thu : 11:30 - 12:30
Email	smkhatalin@just.edu.jo

Class Schedule & Room

Section 1:
 Lecture Time: Mon : 08:30 - 09:30
 Room: LAB

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Analyze a published research paper related to Wireless Communications [1ABET6] [1L9K2]	20%	
Regenerate all the figures of the paper analyzed in Learning Outcomes #1 via Matlab. [1ABET6] [1L9S1]	20%	

Reproduce the paper analyzed in Learning Outcomes #1 in the form of a written report. [1ABET6] [1L9S1]	20%	
Demonstrate the main results of the the paper analyzed in Learning Outcomes #1 via a presentation [1ABET3] [1L9S1]	20%	
Work effectively with a team of your peers. [1ABET5] [1L9C3]	20%	

Relationship to Program Student Outcomes (Out of 100%)						
ABET1	ABET2	ABET3	ABET4	ABET5	ABET6	ABET7
		20		20	60	

Relationship to NQF Outcomes (Out of 100%)		
L9K2	L9S1	L9C3
20	60	20

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