Jordan University of Science and Technology

Faculty of Science & Arts

Physics Department

PHY490 Training - JNQF Level: 7

Second Semester 2023-2024

Course Catalog
2 Credit Hours. The practical training course consists of two parts. The first part is the field training in the public or private schools of the Ministry of Education for duration of 5 weeks. Participating in this part ensures that the students should be able to practice teaching school students using modern teaching techniques under the supervision of qualified educational experts. At the end of this part, the students are expected to be equipped with the knowledge, skills and dispositions necessary for high quality teaching and learning methods. The second training part of a duration of 5 weeks is designated to train the students to use experimental and theoretical scientific research methods in various fields of physics. For instance, the students have the opportunity to get the necessary training in centers such as: research laboratories in the department, national research laboratories, Royal Scientific Society, Jordan Atomic Energy Commission and Synchrotron-light for Experimental Science and Applications in the Middle East (SESAME). Participating in this part ensures that the students are equipped with the modern research skills to enable their transition to the graduate school. A faculty member is assigned to the students, visits them while training and makes sure that everything goes as planned and resolve any problem they may encounter.
Teaching Method: Blended

Instructor	
Name	**Prof. Hasan Al-Khateeb**
Office Location	PH3 L1
Office Hours	Sun : 10:30 - 11:30 Mon : 10:00 - 11:30 Tue : 10:30 - 11:30 Wed : 10:00 - 11:30 Thu : 10:30 - 11:30
Email	hkhateeb@just.edu.jo

Class Schedule & Room
Section 1: Lecture Time: U : - Room: LAB

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Equip students with the knowledge, communication skills and dispositions necessary for high quality teaching and learning methods. [1SLO1(K1S1)] [1L7K1, 1L7S1]	25%	
Familiarize students with modern research skills to ease their transition to graduate school. [1SLO2(S23C1)] [1L7S2, 1L7S3, 1L7C1]	25%	
Comply the students with ethics code and social responsibility rules for the training institutions [2SLO5(C4)] [1L7C4]	25%	
Work collaboratively and fulfill his/her duties as a team member [1SLO6(S2C3)] [1L7S2, 1L7C3]	25%	

Relationship to Program Student Outcomes (Out of 100%)					
SLO1(K1S1)	SLO2(S23C1)	SLO3(C24)	SLO4(C3)	SLO5(C4)	SLO6(S2C3)
25	25			25	25

Relationship to NQF Outcomes (Out of 100%)						
L7K1	L7S1	L7S2	L7S3	L7C1	L7C3	L7C4
12.5	12.5	20.83	8.33	8.33	12.5	25

Evaluation	
Assessment Tool	**Weight**
Evaluation	100%

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