



**Jordan University of Science and Technology**  
**Faculty of Engineering**  
**Nuclear Engineering Department**

NE490 Engineering Training
First Semester 2023-2024

<b>Course Catalog</b>
3 Credit Hours. Eight weeks of practical training in a committee (JAEC, EMRC) that is accredited by the nuclear engineering department and faculty of engineering at JUST for training purposes in the field of nuclear engineering.

<b>Text Book</b>	
<b>Title</b>	Guidance and Notes delivered to students by committee
<b>Author(s)</b>	committee
<b>Edition</b>	1st Edition
<b>Short Name</b>	Ref #1
<b>Other Information</b>	

**Course References**

Short name	Book name	Author(s)	Edition	Other Information
Ref #2	NE Assessment Rubrics for BS engineering training	engineering training supervisor or committee	1st Edition	

<b>Class Schedule &amp; Room</b>

<b>Tentative List of Topics Covered</b>		
Weeks	Topic	References
Weeks 1, 2, 3, 4, 5, 6, 7, 8	Apply the knowledge acquired in prior coursework to a real-life situation under the supervision of qualified engineers, improve the ability of identifying, formulating, and solving engineering problems, emphasizing quality issues, professional and ethical responsibility, safety and environmental aspects of science and technology, and provide experience in the use of modern engineering tools, techniques, and skills.	

<b>Mapping of Course Outcomes to Program Outcomes</b>	<b>Course Outcome Weight (Out of 100%)</b>	<b>Assessment method</b>
Apply the knowledge acquired in prior coursework to a real-life situation under the supervision of qualified engineers, [1SO1, 1SO2, 1SO3, 1SO4, 1SO5, 1SO6, 1SO7]	50%	
Improve the ability of identifying, formulating, and solving engineering problems, emphasizing quality issues, professional and ethical responsibility, safety and environmental aspects of science and technology, and provide experience in the use of modern engineering tools, techniques, and skills. [1SO1, 1SO2, 1SO3, 1SO4, 1SO5, 1SO6, 1SO7]	50%	

<b>Relationship to Program Student Outcomes (Out of 100%)</b>						
SO1	SO2	SO3	SO4	SO5	SO6	SO7
14.29	14.29	14.29	14.29	14.29	14.29	14.29

<b>Evaluation</b>	
<b>Assessment Tool</b>	<b>Weight</b>
Final exam	100%

Date Printed: 2023-12-02