



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

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| NE490 Engineering Training |
| Summer Semester 2018-2019 |

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| Course Catalog |
| 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. |

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

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 | |

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| Instructor | |
| Name | Mr. Neil Abu Ennab |
| Office Location | E2 L-2 |
| Office Hours | Sun : 11:00 - 11:30 Sun : 14:30 - 15:30 Mon : 11:00 - 11:30 Mon : 14:30 - 15:30 Tue : 11:00 - 11:30 Tue : 14:30 - 15:30 Wed : 11:00 - 11:30 Wed : 14:30 - 15:30 |

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| Email | nrabuennab@just.edu.jo |
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Class Schedule & Room

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

Tentative List of Topics Covered

| 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. | |

| Mapping of Course Outcomes to Program Student Outcomes | Course Outcome Weight (Out of 100%) | Assessment method |
|---|-------------------------------------|-------------------|
| Apply the knowledge acquired in prior coursework to a real-life situation under the supervision of qualified engineers, [11, 12, 13, 14, 15, 16, 17] | 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. [11, 12, 13, 14, 15, 16, 17] | 50% | |

Relationship to Program Student Outcomes (Out of 100%)

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|-------|-------|-------|-------|-------|-------|-------|
| 14.29 | 14.29 | 14.29 | 14.29 | 14.29 | 14.29 | 14.29 |

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