



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

IE555 Safety Engineering And Management - JNQF Level: 7

Second Semester 2023-2024

Course Catalog

3 Credit Hours. 3 Credit hours (3 hrs. on-line). The course covers General Safety; Hazards at Work-Place; Occupational Health at Workplace. Planning for safety. Government regulations. Hazard causes and prevention. Equipment safeguarding. Safety programs. Management of emergencies.

Teaching Method: Electronic Course

Text Book

Title	W. Hammer and D. Price (2001). Occupational Safety Management and Engineering, 5th edition, Prentice-Hall. ISBN: 0-13-896515-3
Author(s)	W. Hammer and D. Price
Edition	5th Edition
Short Name	TextBbook
Other Information	

Course References

Short name	Book name	Author(s)	Edition	Other Information
Ref#1	J. Ridley and J Channing (2003). Safety at Work, 6th edition, Butterworth Heinemann. Burlington, MA.	J. Ridley and J Channing	6th Edition	

Instructor

Name	Dr. MOHAMMED OBEIDAT
Office Location	C5 L-2
Office Hours	
Email	msobeidat1@just.edu.jo

Instructor

Name	Dr. Tarek Qasim
Office Location	E1 L-2
Office Hours	
Email	tqqasim@just.edu.jo

Instructor	
Name	Dr. NADER AL THEEB
Office Location	C5-L2
Office Hours	
Email	naaltheeb@just.edu.jo

Class Schedule & Room
<p>Section 1: Lecture Time: Sun : 18:30 - 20:00 Room: متزامن الحضور منصة الكترونية</p> <p>Section 2: Lecture Time: Mon : 18:30 - 20:00 Room: متزامن الحضور منصة الكترونية</p> <p>Section 3: Lecture Time: Tue : 18:30 - 20:00 Room: متزامن الحضور منصة الكترونية</p> <p>Section 4: Lecture Time: Wed : 18:30 - 20:00 Room: متزامن الحضور منصة الكترونية</p>

Tentative List of Topics Covered		
Weeks	Topic	References
Weeks 1, 2, 3	General Safety	
Weeks 4, 5, 6, 7, 8, 9, 10, 11, 12	Hazards at Work-Place	
Weeks 13, 14	Occupational Health at Workplace	

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Recognize the impact of engineering solutions on industry, society, and the environment. [1SO4] [1L7S2]	60%	
Raise your awareness of the kinds of risks and hazards that may be present in a variety of working environments which, by adopting good health and safety practices, will help you and others work more safely [1SO5] [1L7C3]	40%	

Relationship to Program Student Outcomes (Out of 100%)						
SO1	SO2	SO3	SO4	SO5	SO6	SO7
			60	40		

Relationship to NQF Outcomes (Out of 100%)	
L7S2	L7C3
60	40

Evaluation	
Assessment Tool	Weight
First Exam	30%
Second Exam	30%
Final Exam	40%

Policy	
Students Conduct	It is the responsibility of each student to adhere to the principles of academic integrity. Academic integrity means that a student is honest with him/herself, fellow students, instructors, and the University in matters concerning his or her educational endeavors. Cheating will not be tolerated in this course. University regulations will be pursued and enforced on any cheating student.

Date Printed: 2024-02-19