



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

CE557 Hazardous Materials And Solid Waste Eng. - JNQF Level: 6

Summer Semester 2023-2024

Course Catalog

3 Credit Hours.

Teaching Method: Electronic Course

Instructor

Name	Prof. Hani Abu Qdais
Office Location	C1 L3
Office Hours	
Email	hqdais@just.edu.jo

Class Schedule & Room

Section 1:
Lecture Time: Mon, Wed : 18:00 - 19:30
Room: متزامن الحضور منصة الكترونية

Prerequisites

Line Number	Course Name	Prerequisite Type
234520	CE452 Environmental Engineering	Prerequisite / Study

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Students will be able to differentiate between sources, types and characteristics of solid waste for appropriate assessment of health and environmental risks. [1SO5] [1L6C5]	30%	
Students will be able to select sustainable options of solid waste management to achieve circular economy objectives [1SO3, 1SO4] [1L6S3]	30%	

Students will be able to design treatment systems of solid waste [1SO1] [1L6S1]	40%	
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Relationship to Program Student Outcomes (Out of 100%)						
SO1	SO2	SO3	SO4	SO5	SO6	SO7
40		15	15	30		

Relationship to NQF Outcomes (Out of 100%)		
L6S1	L6S3	L6C5
40	30	30

Evaluation	
Assessment Tool	Weight
Midterm Exam	30%
Final Exam	40%
Term Project	20%
Quizzes	10%

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