



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

CE757 Industrial And Hazardous Waste - JNQF Level: 9
First Semester 2024-2025

Course Catalog
3 Credit Hours. Identification of industrial and hazardous waste sources. industrial wastewater treatment, In plant management, and wastewater reuse. Industrial Hygiene. Problems associated with hazardous wastes, risk assessment, government regulations, and waste management techniques.
Teaching Method: On Campus

Text Book	
Title	Hazardous Waste Management, McGRAW-HILL,
Author(s)	Buckingham , Jeffrey C. Evans
Edition	2nd Edition
Short Name	1
Other Information	2010

Course References

Short name	Book name	Author(s)	Edition	Other Information
2	Hazardous Wastes: Sources, Pathways, Receptors, John Wiley & Sons ,1996	R. J. Watts	1st Edition	

Instructor	
Name	Prof. Hani Abu Qdais
Office Location	C1 L3
Office Hours	Sun : 10:30 - 12:00 Mon : 11:00 - 13:00 Tue : 10:30 - 12:00 Thu : 11:00 - 13:00
Email	hqdais@just.edu.jo

Class Schedule & Room
Section 1: Lecture Time: Mon : 13:00 - 16:00 Room: C2009

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Identify types, sources and characteristics of Industrial and Hazardous Waste [1L9K2]	20%	
Develop cleaner production plans for various industries [1L9S3]	20%	
Assess environmental and public health risks of hazardous wastes [1L9C1]	20%	
Know the national and international regulations that are relevant to hazardous waste management [1L9K3]	20%	
Provide knowledge of different treatment processes of industrial and hazardous wastes. [1L9K2]	20%	

Relationship to Program Student Outcomes (Out of 100%)											
PI-1a	PI-2a	PI-2b	PI-2c	PI-2d	PI-3a	PI-4a	PI-4b	PI-5a	PI-6a	PI-6b	PI-7a

Relationship to NQF Outcomes (Out of 100%)			
L9K2	L9K3	L9C1	L9S3
40	20	20	20

Date Printed: 2024-10-28