



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

IE548 Facilities Planning - JNQF Level: 7

Second Semester 2023-2024

Course Catalog

3 Credit Hours. The course introduces students to the role of facility design in improving performance and reducing costs. Topics include material flow analysis, layout design, handling, storage and distribution systems of materials, and design of personnel service systems.

Teaching Method: Blended

Text Book

Title	Facilities Planning
Author(s)	Tompkins, White, Bozer, and Tanchoco
Edition	4th Edition
Short Name	Textbook
Other Information	

Instructor

Name	Prof. Omar Al-Araidah
Office Location	CH1L2
Office Hours	Sun : 11:30 - 12:30 Sun : 13:30 - 14:30 Mon : 08:00 - 09:00 Tue : 11:30 - 12:30 Tue : 13:30 - 14:30 Wed : 08:00 - 09:00
Email	alarao@just.edu.jo

Class Schedule & Room

Section 2:

Lecture Time: Sun, Tue : 12:30 - 13:30

Room: C2006

Tentative List of Topics Covered

Weeks	Topic	References
Weeks 1, 2, 3, 4, 5, 6, 7, 8	Facility Layout	From Textbook
Weeks 9, 10, 11, 12, 13, 14, 15, 16	Materials Handling	From Textbook

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Use systematic approaches for generating and evaluating layout alternatives and materials handling systems. [1SO1][1L7S1]	100%	Exams

Relationship to Program Student Outcomes (Out of 100%)

SO1	SO2	SO3	SO4	SO5	SO6	SO7
100						

Relationship to NQF Outcomes (Out of 100%)

L7S1
100

Evaluation

Assessment Tool	Weight
Exams	100%

Policy

Policies	See University policies on attendance, exams and cheating.
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