



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

ME304 Engineering Economics And Management

Summer Semester 2019-2020

Course Catalog

3 Credit Hours. Time value of money, interest formulas, judging attractiveness of proposed investment using different methods, depreciation, inflation, sensitivity analysis, increment cost and sunk cost. Retirement and replacement.

Instructor

Name	Mrs. Maysa Khaleel
Office Location	-
Office Hours	
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Class Schedule & Room

Section 1:
Lecture Time: Sun, Mon, Tue, Wed : 10:00 - 11:30
Room: منصة الكترونية

Mapping of Course Outcomes to Program Student Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Develop cash flow diagrams for investments and evaluate their worth, and analyze the effect of inflation on an investment [a,k] [1A, 1K]	100%	
Determine the economic feasibility of engineering projects and investments [a,k] [1A, 1K]	100%	
Apply principles of accounting and evaluate the depreciation charges using different methods [a,k] [1A, 1K]	100%	
Demonstrate knowledge of the concepts and principles of project management, and use project management and communications software [a,k] [1A, 1K]	100%	

Relationship to Program Student Outcomes (Out of 100%)																	
A	B	C	D	E	F	G	H	I	J	K	SLO1	SLO2	SLO3	SLO4	SLO5	SLO6	SLO7
200										200							

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