TARSUS UNIVERSITY

DEPARTMENT OF INDUSTRIAL ENGINEERING

GRADUATE COURSES

	Code	Course Title	Type	T	U	L	K	ECTS
1	LE 509	RESEARCH METHODS AND PUBLICATION ETHICS	Core	2	0	0	0	0
2	IE 500	MASTER'S THESIS	Core	0	0	0	0	30
3	IE 801	LECTURE ON SPECIALIZED FIELD	Core	4	0	0	4	0
4	IE 802	LECTURE ON SPECIALIZED FIELD	Core	4	0	0	4	0
5	IE 501	SEMINAR	Core	0	0	0	0	7.5
6	IE 502	ADVANCED PRODUCTION SYSTEMS AND APPLICATIONS	Elective	3	0	0	3	7.5
7	IE 503	ADVANCED SERVICE SYSTEMS AND APPLICATIONS	Elective	3	0	0	3	7.5
8	IE 504	TIME SERIES ANALYSIS AND FORECASTING	Elective	3	0	0	3	7.5
9	IE 505	STOCHASTIC PROCESSES	Elective	3	0	0	3	7.5
10	IE 506	MULTI-CRITERIA DECISION-MAKING	Elective	3	0	0	3	7.5
11	IE 507	QUEUEING SYSTEMS	Elective	3	0	0	3	7.5
12	IE 508	ARTIFICIAL INTELLIGENCE AND APPLICATIONS	Elective	3	0	0	3	7.5
13	IE 509	PROCESS MANAGEMENT AND IMPROVEMENT	Elective	3	0	0	3	7.5
14	IE 510	ADVANCED PROJECT AND ENGINEERING MANAGEMENT	Elective	3	0	0	3	7.5
15	IE 511	OPERATIONS MANAGEMENT	Elective	3	0	0	3	7.5
16	IE 512	SEQUENCING AND SCHEDULING	Elective	3	0	0	3	7.5
17	IE 514	BLOCKCHAIN TECHNOLOGY	Elective	3	0	0	3	7.5
18	IE 515	ANALYTICAL MODELS IN SUPPLY CHAIN	Elective	3	0	0	3	7.5
19	IE 516	SIMULATION AND APPLICATIONS	Elective	3	0	0	3	7.5
20	IE 517	STATISTICAL METHODS IN ENGINEERING	Elective	3	0	0	3	7.5
21	IE 518	ADVANCED QUALITY ENGINEERING	Elective	3	0	0	3	7.5
22	IE 519	MATERIAL NEED AND PRODUCTION RESOURCES PLANNING	Elective	3	0	0	3	7.5
23	IE 520	MATERIAL TRANSFER AND STORAGE SYSTEMS DESIGN	Elective	3	0	0	3	7.5
24	IE 521	MAINTENANCE PLANNING AND RELIABILITY	Elective	3	0	0	3	7.5
25	IE 522	ADVANCED DESIGN OF EXPERIMENTS	Elective	3	0	0	3	7.5
26	IE 523	RISK MANAGEMENT	Elective	3	0	0	3	7.5
27	IE 524	HEURISTIC AND METAHEURISTIC METHODS	Elective	3	0	0	3	7.5
28	IE 525	GAME THEORY	Elective	3	0	0	3	7.5
29	IE 526	DATA MINING	Elective	3	0	0	3	7.5
30	IE 527	SUSTAINABILE SYSTEMS ENGINEERING	Elective	3	0	0	3	7.5
31	IE 528	ADVANCED LINEAR ALGEBRA	Elective	3	0	0	3	7.5
32	IE 529	TECHNOLOGY ENTREPRENEURSHIP	Elective	3	0	0	3	7.5
33	IE 530	LINEAR PROGRAMMING AND NETWORK OPTIMIZATION	Elective	3	0	0	3	7.5
34	IE 531	INTEGER AND NONLINEAR PROGRAMMING	Elective	3	0	0	3	7.5
35	IE 532	ADVANCED COMPUTER PROGRAMMING	Elective	3	0	0	3	7.5
36	IE 533	SUSTAINABLE LOGISTICS AND SUPPLY CHAIN MANAGEMENT	Elective	3	0	0	3	7.5
37	IE 534	DEEP LEARNING	Elective	3	0	0	3	7.5
38	IE 535	FUZZY SET THEORY	Elective	3	0	0	3	7.5