

**2023-2024 Academic Year Industrial Engineering Department Fall and Spring Semester
END401 Industrial Engineering Project / END498 Graduation Design Project Topic, Advisor List and Exam Days**

3 JUNE 2024 MONDAY

Prof. Kenan ÖZDEN (Advisor) Prof. Tarık ÇAKAR Assist. Prof. Didem YILMAZ	9.00	SE*** ÖZ***	Use of Artificial Neural Network in Assembly Line Balancing Problems
	9.20	SE*** AÇ***	Using the Linear Programming Model in Supplier Selection in a Company
Prof. Tarık ÇAKAR (Advisor) Prof. Kenan ÖZDEN Assist. Prof. Didem YILMAZ	9.40	MU*** CE*** KA***	Vehicle Purchase Planning Using Fuzzy Multi-Criteria Decision Making Methods for a Beverage Distribution Company
	10.00	ÖZ*** KA***	Evaluation of Renewable Energy Resources in Turkey Using Fuzzy Multi-Criteria Decision Making and BWM Method
	10.20	HA*** ÖZ***	Cyber Security Analysis
	10.40	HA*** VU***	Lean Production in the Textile Industry
	11.00	AY*** AK***	Application of Fuzzy Multi-Criteria Decision Making Methods in Judicial Personnel Selection
	11.20	YA*** DE***	
Assist. Prof. Didem YILMAZ (Advisor) Prof. Kenan ÖZDEN Assoc. Prof. Umut Hulusi İNAN	11.40	TA*** ÇA***	Research on Lean Production Techniques and Application in the Logistics Sector: Recycled Box Project
	LUNCH BREAK (12.00-13.00)		
	13.00	AY*** GÜ***	Energy Efficiency and Sustainability Application Using Data Analytics
	13.20	MU*** BO***	Decision Tree Study for Occupational Safety Risks with the Use of Artificial Intelligence
	13.40	Sİ*** Yİ***	Examination of Brand and Consumer Relationship in Digital Marketing in Tekirdağ Province and Its Surroundings
	14.00	TU*** FA*** BA***	SPC Method Application in the Process Quality Control Process in the Automotive Industry
	14.20	EB*** AD***	Investigating the Effect of Lean Thinking on Employee Motivation in a Business
	14.40	GÜ*** KA***	
	15.00	MU*** KÖ***	
	15.20	HA*** UN***	An Application for Process Improvement with Kaizen in a Manufacturing Company
Assist. Prof. Binnur GÜRÜL (Advisor) Prof. Kenan ÖZDEN Assoc. Prof. Umut Hulusi İnan	15.40	NA*** AY*** KÖ***	Student Satisfaction within the Framework of Total Quality Management: Implementation at Istanbul Gelişim University
	16.00	YU*** BA***	Researching the Effect of Total Quality Management on Employee Performance: Istanbul Gelişim University Application
	16.20	ZE*** BA***	Investigating the Reasons Why Customers Prefer Online Food Sites with Markov Chains Model
	16.40	TU*** Pİ*** AK***	Optimum Arrangement of Stocks According to Turnover Rates in a Storage Facility and Software Development
4 JUNE 2024 TUESDAY			
Assist. Prof. Seda ERBAYRAK (Advisor) Prof. Kenan ÖZDEN Prof. Yılmaz ÖZKAN	13.00	BE*** TA*** KA***	Container Loading Optimization and Vehicle Routing to Improve Processes in a Logistics Company
	13.20	AH*** KA***	Elective Course Selection Using Multi-Criteria Decision Making Methods
	13.40	BA*** BA***	Personnel Selection Using Multi-Criteria Decision Making Method
Prof. Yılmaz ÖZKAN (Advisor) Prof. Kenan ÖZDEN Assist. Prof. Binnur GÜRÜL	14.00	HA*** YA*** TU***	Application of Pareto Analysis and Its Use in Statistical Process Control in a Business
	14.20	ER*** TA*** ÜN***	Supplier Selection with Multi-Criteria Decision Making Methods
Assoc. Prof. Umut Hulusi İNAN (Advisor) Prof. Kenan ÖZDEN Assist. Prof. Binnur GÜRÜL	14.40	EN*** DE***	Demand Forecasting and Production Planning with Fuzzy Logic: Application for a Factory
	15.00	AH*** ÇA*** BA***	The Effect of Ergonomic Design of Classrooms on Student Satisfaction: The Example of Istanbul Gelişim University Faculty of Engineering
	15.20	ÖM*** FA*** DE***	Application of Statistical Process Control Methods in a Food Business
	16.00	CE*** CA*** SE***	Occupational Health and Safety Practices in Apartments
	16.20	Nİ*** KA***	Improving Performance in a Production Facility with Lean Production Techniques
16.40	EL*** NU*** ER***		