

## İSTANBUL TOPKAPI ÜNİVERSİTESİ

## Elektrik-Elektronik Mühendisliği (Tezsiz) (İngilizce) Programı (2024-2025)

1. Yarıyıl						
Kod	Ders Adı	Z/S	T	U	K	AKTS
EEE501	Mathematical Methods in Electrical-Electronics Engineering	Z	3	0	3	6
EEE590	Scientific Research Techniques and Publication Ethics	Z	2	1	3	6
	EEE(Tezsiz) (ING) Program Elective Course 1	S			3	6
	EEE(Tezsiz) (ING) Program Elective Course 3	S			3	6
	EEE(Tezsiz) (ING) Program Elective Course 2	S			3	6
Toplam					15	30

2. Yarıyıl						
Kod	Ders Adı	Z/S	T	U	K	AKTS
	EEE(Tezsiz) (ING) Program Elective Course 5	S			3	6
	EEE(Tezsiz) (ING) Program Elective Course 8	S			3	6
	EEE(Tezsiz) (ING) Program Elective Course 4	S			3	6
	EEE(Tezsiz) (ING) Program Elective Course 7	S			3	6
	EEE(Tezsiz) (ING) Program Elective Course 6	S			3	6
Toplam					15	30

3. Yarıyıl						
Kod	Ders Adı	Z/S	T	U	K	AKTS
EEE593	Graduation Project	Z	0	0	0	30
Toplam					0	30

Toplam Kredi: 30

Toplam AKTS: 90

Toplam seçmeli ders AKTS: 48

Seçmeli derslerin toplama oranı: %53

Kod	EEE(Tezsiz) (ING)	T	U	K	AKTS
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Kod	EEE(Tezsiz) (ING)	T	U	K	AKTS
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	Program Elective Course 1				
EEE502	Machine Learning	3	0	3	6
EEE503	Deep Learning	3	0	3	6
EEE504	Design of Electrical Grounding Systems	3	0	3	6
EEE505	Design of Lightning Protection Systems	3	0	3	6
EEE506	Image Processing	3	0	3	6
EEE507	Power System Planning	3	0	3	6
EEE508	Circuit Design Aided Computer	3	0	3	6
EEE509	Artificial Neural Networks and Fuzzy Logic	3	0	3	6
EEE510	Measurement Techniques of High Voltage	3	0	3	6
EEE511	Solar Simulators for Photovoltaic Panel Tests	3	0	3	6
EEE512	LED Lighting Technologies and Applications	3	0	3	6
EEE513	Data Visualization	3	0	3	6
EEE514	Artificial Intelligent Applications in the Electrical-Electronics Engineering	3	0	3	6
EEE515	Advanced Telecommunications Techniques	3	0	3	6
EEE516	Harmonics in Power Engineering	3	0	3	6
EEE517	Human Machine Interaction	3	0	3	6
EEE518	Electrical-Electronics Engineering Applications with Matlab	3	0	3	6
EEE554	Solid State Electronics	3	0	3	6
EEE555	Metaheuristic Algorithms	3	0	3	6
Kod	EEE(Tezsiz) (ING) Program Elective Course 2	T	U	K	AKTS
EEE502	Machine Learning	3	0	3	6
EEE503	Deep Learning	3	0	3	6

	Program Elective Course 3				
EEE502	Machine Learning	3	0	3	6
EEE503	Deep Learning	3	0	3	6
EEE504	Design of Electrical Grounding Systems	3	0	3	6
EEE505	Design of Lightning Protection Systems	3	0	3	6
EEE506	Image Processing	3	0	3	6
EEE507	Power System Planning	3	0	3	6
EEE508	Circuit Design Aided Computer	3	0	3	6
EEE509	Artificial Neural Networks and Fuzzy Logic	3	0	3	6
EEE510	Measurement Techniques of High Voltage	3	0	3	6
EEE511	Solar Simulators for Photovoltaic Panel Tests	3	0	3	6
EEE512	LED Lighting Technologies and Applications	3	0	3	6
EEE513	Data Visualization	3	0	3	6
EEE514	Artificial Inteelligent Applications in the Electrical-Electronics Engineering	3	0	3	6
EEE515	Advanced Telecommunications Techniques	3	0	3	6
EEE516	Harmonics in Power Engineering	3	0	3	6
EEE517	Human Machine Interaction	3	0	3	6
EEE518	Electrical-Electronics Engineering Applications with Matlab	3	0	3	6
EEE554	Solid State Electronics	3	0	3	6
EEE555	Metaheuristic Algorithms	3	0	3	6
Kod	EEE(Tezsiz) (ING) Program Elective Course 5	T	U	K	AKTS
EEE502	Machine Learning	3	0	3	6
EEE503	Deep Learning	3	0	3	6

EEE504	Design of Electrical Grounding Systems	3	0	3	6
EEE505	Design of Lightning Protection Systems	3	0	3	6
EEE506	Image Processing	3	0	3	6
EEE507	Power System Planning	3	0	3	6
EEE508	Circuit Design Aided Computer	3	0	3	6
EEE509	Artificial Neural Networks and Fuzzy Logic	3	0	3	6
EEE510	Measurement Techniques of High Voltage	3	0	3	6
EEE511	Solar Simulators for Photovoltaic Panel Tests	3	0	3	6
EEE512	LED Lighting Technologies and Applications	3	0	3	6
EEE513	Data Visualization	3	0	3	6
EEE514	Artificial Intelligent Applications in the Electrical-Electronics Engineering	3	0	3	6
EEE515	Advanced Telecommunications Techniques	3	0	3	6
EEE516	Harmonics in Power Engineering	3	0	3	6
EEE517	Human Machine Interaction	3	0	3	6
EEE518	Electrical-Electronics Engineering Applications with Matlab	3	0	3	6
EEE554	Solid State Electronics	3	0	3	6
EEE555	Metaheuristic Algorithms	3	0	3	6
<b>Kod</b>	<b>EEE(Tezsiz) (ING) Program Elective Course 8</b>	<b>T</b>	<b>U</b>	<b>K</b>	<b>AKTS</b>
EEE502	Machine Learning	3	0	3	6
EEE503	Deep Learning	3	0	3	6
EEE504	Design of Electrical Grounding Systems	3	0	3	6
EEE505	Design of Lightning Protection Systems	3	0	3	6
EEE506	Image Processing	3	0	3	6

EEE504	Design of Electrical Grounding Systems	3	0	3	6
EEE505	Design of Lightning Protection Systems	3	0	3	6
EEE506	Image Processing	3	0	3	6
EEE507	Power System Planning	3	0	3	6
EEE508	Circuit Design Aided Computer	3	0	3	6
EEE509	Artificial Neural Networks and Fuzzy Logic	3	0	3	6
EEE510	Measurement Techniques of High Voltage	3	0	3	6
EEE511	Solar Simulators for Photovoltaic Panel Tests	3	0	3	6
EEE512	LED Lighting Technologies and Applications	3	0	3	6
EEE513	Data Visualization	3	0	3	6
EEE514	Artificial Intelligent Applications in the Electrical-Electronics Engineering	3	0	3	6
EEE515	Advanced Telecommunications Techniques	3	0	3	6
EEE516	Harmonics in Power Engineering	3	0	3	6
EEE517	Human Machine Interaction	3	0	3	6
EEE518	Electrical-Electronics Engineering Applications with Matlab	3	0	3	6
EEE554	Solid State Electronics	3	0	3	6
EEE555	Metaheuristic Algorithms	3	0	3	6
<b>Kod</b>	<b>EEE(Tezsiz) (ING) Program Elective Course 4</b>	<b>T</b>	<b>U</b>	<b>K</b>	<b>AKTS</b>
EEE502	Machine Learning	3	0	3	6
EEE503	Deep Learning	3	0	3	6
EEE504	Design of Electrical Grounding Systems	3	0	3	6
EEE505	Design of Lightning Protection Systems	3	0	3	6
EEE506	Image Processing	3	0	3	6

EEE506	Image Processing	3	0	3	6
EEE507	Power System Planning	3	0	3	6
EEE508	Circuit Design Aided Computer	3	0	3	6
EEE509	Artificial Neural Networks and Fuzzy Logic	3	0	3	6
EEE510	Measurement Techniques of High Voltage	3	0	3	6
EEE511	Solar Simulators for Photovoltaic Panel Tests	3	0	3	6
EEE512	LED Lighting Technologies and Applications	3	0	3	6
EEE513	Data Visualization	3	0	3	6
EEE514	Artificial Intelligent Applications in the Electrical-Electronics Engineering	3	0	3	6
EEE515	Advanced Telecommunications Techniques	3	0	3	6
EEE516	Harmonics in Power Engineering	3	0	3	6
EEE517	Human Machine Interaction	3	0	3	6
EEE518	Electrical-Electronics Engineering Applications with Matlab	3	0	3	6
EEE554	Solid State Electronics	3	0	3	6
EEE555	Metaheuristic Algorithms	3	0	3	6
<b>Kod</b>	<b>EEE(Tezsiz) (ING) Program Elective Course 7</b>	<b>T</b>	<b>U</b>	<b>K</b>	<b>AKTS</b>
EEE502	Machine Learning	3	0	3	6
EEE503	Deep Learning	3	0	3	6
EEE504	Design of Electrical Grounding Systems	3	0	3	6
EEE505	Design of Lightning Protection Systems	3	0	3	6
EEE506	Image Processing	3	0	3	6
EEE507	Power System Planning	3	0	3	6
EEE508	Circuit Design Aided Computer	3	0	3	6

EEE506	Image Processing	3	0	3	6
EEE507	Power System Planning	3	0	3	6
EEE508	Circuit Design Aided Computer	3	0	3	6
EEE509	Artificial Neural Networks and Fuzzy Logic	3	0	3	6
EEE510	Measurement Techniques of High Voltage	3	0	3	6
EEE511	Solar Simulators for Photovoltaic Panel Tests	3	0	3	6
EEE512	LED Lighting Technologies and Applications	3	0	3	6
EEE513	Data Visualization	3	0	3	6
EEE514	Artificial Intelligent Applications in the Electrical-Electronics Engineering	3	0	3	6
EEE515	Advanced Telecommunications Techniques	3	0	3	6
EEE516	Harmonics in Power Engineering	3	0	3	6
EEE517	Human Machine Interaction	3	0	3	6
EEE518	Electrical-Electronics Engineering Applications with Matlab	3	0	3	6
EEE554	Solid State Electronics	3	0	3	6
EEE555	Metaheuristic Algorithms	3	0	3	6
<b>Kod</b>	<b>EEE(Tezsiz) (ING) Program Elective Course 6</b>	<b>T</b>	<b>U</b>	<b>K</b>	<b>AKTS</b>
EEE502	Machine Learning	3	0	3	6
EEE503	Deep Learning	3	0	3	6
EEE504	Design of Electrical Grounding Systems	3	0	3	6
EEE505	Design of Lightning Protection Systems	3	0	3	6
EEE506	Image Processing	3	0	3	6
EEE507	Power System Planning	3	0	3	6
EEE508	Circuit Design Aided Computer	3	0	3	6

EEE509	Artificial Neural Networks and Fuzzy Logic	3	0	3	6
EEE510	Measurement Techniques of High Voltage	3	0	3	6
EEE511	Solar Simulators for Photovoltaic Panel Tests	3	0	3	6
EEE512	LED Lighting Technologies and Applications	3	0	3	6
EEE513	Data Visualization	3	0	3	6
EEE514	Artificial Intelligent Applications in the Electrical-Electronics Engineering	3	0	3	6
EEE515	Advanced Telecommunications Techniques	3	0	3	6
EEE516	Harmonics in Power Engineering	3	0	3	6
EEE517	Human Machine Interaction	3	0	3	6
EEE518	Electrical-Electronics Engineering Applications with Matlab	3	0	3	6
EEE554	Solid State Electronics	3	0	3	6
EEE555	Metaheuristic Algorithms	3	0	3	6

EEE509	Artificial Neural Networks and Fuzzy Logic	3	0	3	6
EEE510	Measurement Techniques of High Voltage	3	0	3	6
EEE511	Solar Simulators for Photovoltaic Panel Tests	3	0	3	6
EEE512	LED Lighting Technologies and Applications	3	0	3	6
EEE513	Data Visualization	3	0	3	6
EEE514	Artificial Intelligent Applications in the Electrical-Electronics Engineering	3	0	3	6
EEE515	Advanced Telecommunications Techniques	3	0	3	6
EEE516	Harmonics in Power Engineering	3	0	3	6
EEE517	Human Machine Interaction	3	0	3	6
EEE518	Electrical-Electronics Engineering Applications with Matlab	3	0	3	6
EEE554	Solid State Electronics	3	0	3	6
EEE555	Metaheuristic Algorithms	3	0	3	6