

HIGH VOLTAGE TECHNIQUES

1	Course Title:	HIGH VOLTAGE TECHNIQUES	
2	Course Code:	EEM4506	
3	Type of Course:	Optional	
4	Level of Course:	First Cycle	
5	Year of Study:	4	
6	Semester:	8	
7	ECTS Credits Allocated:	4.00	
8	Theoretical (hour/week):	3.00	
9	Practice (hour/week):	0.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:		
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Öğr.Gör.Dr. OKAN SÜLE	
15	Course Lecturers:		
16	Contact information of the Course Coordinator:	E-posta:fahriv@uludag.edu.tr Tel: (224) 294 09 05 Adres: Elektrik-Elektronik Mühendisliği bölümü, No: 304	
17	Website:	http://home.uludag.edu.tr/~fahriv	
18	Objective of the Course:	Introduction to events occurring at high voltages, realization of analysis and design of equipment which operating at high voltage. To teach overvoltage sources and its protections methods	
19	Contribution of the Course to Professional Development:		
20	Learning Outcomes:		
		1	Adequate knowledge about high voltage topics (issues) Skills for modeling and solving engineering problems using theoretical and practical information in these fields
		2	Detection, description formulation and solving skills of problems in the field of high voltage; to this end, selection and application skills of appropriate analyzing and modeling methods
		3	Designing skill, process, equipment or product in the field of high voltage by fulfilling specific requirements in realistic criterions. to this end, application skills of modern designing methods
		4	Development, selection and using skills of modern techniques and equipments for high voltage applications. Ability to use information technologies effectively
		5	Designing experiments, experimentation, data acquisitions, analysis and interpretation of results for examining problems in the field of high voltage
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21	Course Content:		
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ÖK5	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	1 very low		2 low			3 Medium			4 High			5 Very High				