

MICROWAVE ELECTRONICS

1	Course Title:	MICROWAVE ELECTRONICS	
2	Course Code:	EEM4216	
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:	No	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Doç. Dr. SİBEL YENİKAYA	
15	Course Lecturers:	-	
16	Contact information of the Course Coordinator:	Dr.Öğr. Üyesi Sibel YENİKAYA sguler@uludag.edu.tr Tel: (224) 294 2031 Adres: Elektronik Mühendisliği Bölümü 3. Kat, No:309	
17	Website:		
18	Objective of the Course:	To improve design, analysis and evaluation ability in microwave frequencies.	
19	Contribution of the Course to Professional Development:	Provides the ability to reach and interpret information about the field of study.	
20	Learning Outcomes:		
		1	Gain the ability to model and solve microwave elements and systems using theoretical and practical knowledge.
		2	Gain the ability to identify, model, and solve the problems of active microwave circuits of impedance matching and microwave amplifiers; the ability to select and apply appropriate analysis and modeling methods for these problems.
		3	Gain the ability to design partly or fully a microwave circuit meeting specific requirements, ability to apply modern design methods in this context.
		4	The ability to use information technologies in an efficient way to design active microwave circuits.
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21	Course Content:		
		Course Content:	
Week	Theoretical	Practice	
1	introduction to microwave systems		

Contribution Level:	1 very low	2 low	3 Medium	4 High	5 Very High
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