

RADIATION SAFETY AND PROTECTION

1	Course Title:	RADIATION SAFETY AND PROTECTION	
2	Course Code:	TGTZ114	
3	Type of Course:	Compulsory	
4	Level of Course:	Short Cycle	
5	Year of Study:	1	
6	Semester:	2	
7	ECTS Credits Allocated:	3.00	
8	Theoretical (hour/week):	2.00	
9	Practice (hour/week):	0.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:	None	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Öğr. Gör. Dr. SEFA IŞIKLAR	
15	Course Lecturers:	Öğr. Gör. Sefa IŞIKLAR Öğr. Gör. İmren DEMİR	
16	Contact information of the Course Coordinator:	sefaisiklar@uludag.edu.tr	
17	Website:		
18	Objective of the Course:	To gain information, skills and responsibility about the biological effects of radiation, basic principles of protection from radiation	
19	Contribution of the Course to Professional Development:	Contributes to professional development by understanding the knowledge, skills and responsibilities about Biological Effects of Radiation and Basic Principles of Radiation Protection.	
20	Learning Outcomes:		
		1	Know the structure of radiology department
		2	Provide radiation safety
		3	Comprehend the legal regulations of radiation safety
		4	Take duty in emergency cases
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21	Course Content:		
		Course Content:	
Week	Theoretical	Practice	
1	The structure of radiology department - 1		
2	The structure of radiology department - 2		
3	The structure of radiology department - 3		
4	The structure of radiology department - 4		
5	Radiation Safety		
6	Radiation Safety		

7	Radiation Safety	
8	Radiation Safety	
9	Radiation Safety	
10	Radiation Safety	
11	Radiation Safety	
12	The legal regulations of radiation safety	
13	Regulation of basic safety standards of radiation protection	
14	Necessary points, duties and responsibilities of the use of equipment in radiation protection	

23	Assesment
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Midterm Exam	1	30.00
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Theoretical	3	14	2.00	28.00
Total	3	100.00		
Practicals/Labs		0	0.00	0.00
Self-study/preparation		14	3.00	42.00
Homeworks		1	14.00	14.00
Projects		0	0.00	0.00
Total		100.00		
Field Studies		0	0.00	0.00
Mid-term exams		verbal-written-visual questions asked by the students	3.00	3.00
Others		0	0.00	0.00
Final Exams		methods will be used.	3.00	3.00
Total Work Load				90.00
Total work load/ 30 hr				3.00
ECTS Credit of the Course				3.00

LO: Learning Objectives **PQ: Program Qualifications**

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