LABORATORY SAFETY									
1	Course Title:	LABORATORY SAFETY							
2	Course Code:	OTP1003							
3	Type of Course:	Compulsory							
4	Level of Course:	First Cycle							
5	Year of Study:	1							
6	Semester:	1							
7	ECTS Credits Allocated:	2.00							
8	Theoretical (hour/week):	1.00							
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:	Doç.Dr. NABİ ALPER KUMRAL							
15	Course Lecturers:	Doç.Dr. Hakan Çelik Doç.Dr. Yasemin Şahan							
16	Contact information of the Course Coordinator:	Doç.Dr. Nabi Alper Kumral akumral@uludag.edu.tr 224-2941576 Uludağ Üniversitesi Ziraat Fakültesi Biitki Koruma Bölümü Nilüfer/Bursa							
17	Website:								
18	Objective of the Course:	The purpose of this course is to give students basic laboratory safety rules; physical, chemical and biological threats at laboratory and risk management.							
19	Contribution of the Course to Professional Development:								
20	Learning Outcomes:								
		1	Learn safety rules at laboratory						
		2	Learn threats or risk at laboratory.						
		3	Learn to generate personal safety						
		4	Learn laboratory safety organization						
		5							
		6							
		7							
		8							
		9							
	Course Content	10							
21	Course Content:	<u> </u>	ourse Content:						
Week	Theoretical		Practice						
1	Course description								
2	Secure laboratory environment; safe caution signs	ety and							
3	Personal safety precautions (Labora rules)	itory							

	Persor threats		ety prec	autio	ions (Laboratory												
5		emical threats at laboratory															
6	Precau	tions	for cher	nical t	hreats/	′risk											
7	Chemi	emical waste management at laboratory															
8	Biologi	logical threats/risk at laboratory															
9	Precau	ecautions for biological threats/risk															
10	Biologi	logical waste management at laboratory															
11		ysical threats/risk at laboratory and ecautions for them (fire, electrical threats															
12	Plans f	ans for emergency facts															
13		ecautions for explosive and flammable bstances; re drill															
14	First-ai	rst-aid for laboratory accident															
22	Textbooks, References and/or Other					W	www.laboratuvarguvenligi.com										
	Materials:					w	www.labsafety.org										
									Merck Laboratuvar El Kitabı, 2007 (www.orlab.net/MerckLab.pdf)								
						Ni umb o n							Total Work				
ACtivit	Activites							Number				Duration (hour)			Total Work Load (hour)		
																(	,,
Theoret	heoretical R Aidtorm Exam						0	14			1.00			14.00			
Practica	cticals/Labs							0			0.00			0.00			
Self stu	- study and properation						0				1.00			14.00			
Homew	omeworks							0			0.00			0.00			
							1				0.00			0.00			
	ield Studies								0			0.00			0.00		
Midtern								0	0.00			0.00			0.00		
Others								0			0.00			0.00			
Final E	kams							1	1			30.00			30.00		
Total W	tal Work Load													58.00			
Course	surement and Evaluation Techniques Osed in the second second						le								1.93		
ECTS C	S Credit of the Course										2.00						
25			CON	TRIE	BUTIC	N O							S TO I	PROC	GRAM	ME	
							(	ענ	ALI	IFIC		NS					
	PG	1 PQ	2 PQ3	PQ4	PQ5	PQ6	PQ7	PQ	8 P	PQ9	PQ1 0	PQ11	PQ12	PQ1 3	PQ14	PQ15	PQ16
ÖK1	2	0	0	0	0	0	0	0	0	)	0	0	0	0	0	0	0
ÖK2	2	0	0	0	0	0	0	0	0	)	0	0	0	0	0	0	0
ÖK3	2	0	0	0	0	0	0	0	0	)	0	0	0	0	0	0	0
ÖK4	2	0	0	0	0	0	0	0	0	)	0	0	0	0	0	0	0
		-	LO: I	earr	hing C	Dbjec	tive	S	PC	ג: P	rogra	im Qu	alifica	tions	5		

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