ORGANIC REACTIONS KNOWN WITH SPECIAL NAMES

1	Course Title:	ORGANIC REACTIONS KNOWN WITH SPECIAL NAMES
2	Course Code:	KIM5038
3	Type of Course:	Optional
4	Level of Course:	Second Cycle
5	Year of Study:	1
6	Semester:	2
7	ECTS Credits Allocated:	6.00
8	Theoretical (hour/week):	3.00
9	Practice (hour/week):	0.00
10	Laboratory (hour/week):	0
11	Prerequisites:	Yes: Must have taken Organic Chemistry I and II courses
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Doç. Dr. AYHAN YILDIRIM
15	Course Lecturers:	Prof.Dr.Mustafa TAVASLI Prof.Dr.Necdet COŞKUN Doç.Dr.Nevin Arıkan ÖLMEZ
16	Contact information of the Course Coordinator:	yildirim@uludag.edu.tr tel:0 224 2941771
17	Website:	
18	Objective of the Course:	With this course, it is aimed to introduce known organic reactions to our students with their special names. Thus, it is aimed that learners can easily search the literature and take the road maps of the experiments easily.
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	
	1	Learning of specific named reactions used in organic synthesis
	2	New syntheses can be designed by following the current literature
	3	
	4	
	5	
	6	
	7	
	8	
	9	
	10	

21	Course Content:	
	Course Content:	
Week	Theoretical	Practice
1	Huisgen cycloadditions	
2	Literature Study	

3	Darzens condensation	
4	Literature Study	
5	Heck coupling reaction	
6	Literature Study	
7	Presentation Work	
8	Problem solving	
9	Suzuki coupling reaction	
10	Literature Study	
11	Sonogashira coupling reaction	
12	Literature Study	
13	Stille coupling reaction	
14	Literature Study	

22	Textbooks, References and/or Other Materials:	[1] Named Organic Reactions, Thomas Laue and Andreas Plagens: Translated into English by Claus Vogel (2nd Edition), John Wiley & Sons Ltd, Chichester, 2005. [2] Name Reactions and Reagents in Organic Synthesis (2nd Edition), Bradford P. Mundy, Michael G. Ellerd and Frank G. Favaloro, Wiley Interscience, Hoboken, NJ, 2005. 3) Name Reactions: A Collection of Detailed Reactions Mechanisms (2nd Edition), Jie Jack Li, Springer, Berlin, 2003.
23	Assesment	

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	3.00	42.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	0	0.00	0.00
Homeworks	1	66.00	66.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	0	0.00	0.00
Others	0	0.00	0.00
Final Exams	1	72.00	72.00
Total Work Load			180.00
Total work load/ 30 hr			6.00
ECTS Credit of the Course			6.00

25	**CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS**															
	PQ1	**PQ2**	**PQ3**	**PQ4**	**PQ5**	**PQ6**	**PQ7**	**PQ8**	**PQ9**	**PQ10**	**PQ11**	**PQ12**	**PQ13**	**PQ14**	**PQ15**	**PQ16**
ÖK1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK2	0	0	0	0	0	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**