TEACHING MATHEMATICS II

1	Course Title:	TEACHING MATHEMATICS II	
2	Course Code:	SIN3304	
3	Type of Course:	Compulsory	
4	Level of Course:	First Cycle	
5	Year of Study:	3	
6	Semester:	6	
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:	None	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Doç. Dr. YELİZ YAZGAN	
15	Course Lecturers:		
16	Contact information of the Course Coordinator:	İş Tel 0224.2755024 e-mail: yazgany@uludag.edu.tr	
17	Website:		
18	Objective of the Course:	This course aim to introduce primary mathematics curriculum to student teachers and help them to gain skills in understanding contemporary teaching and learning approaches, and finally provide practical opportunities student teachers to apply these knowledge in practice.	
19	Contribution of the Course to Professional Development:	It is expected that the classroom teacher candidates taking this course will have an idea about the learning areas, achievements and objectives in the mathematics teaching program, recognize the teaching methods and techniques, and use the basic methods of evaluation.	
20	Learning Outcomes:		
		1	Know the primary mathematics curriculum
		2	Get ideas about learning zones, student gaining and objectives in Mathematics curriculum
		3	Gain theoretical and practical knowledge and skills in the use of teaching methods and techniques in teaching primary mathematics
		4	Know about teaching tools an develops teaching materials for mathematics
		5	Comprehend the measurement and assessment procedures and processes in mathematics and develops tools for assessment
		6	
		7	
		8	
		9	
		10	
21	Course Content:		
	Course Content:		
Week	Theoretical		Practice

1	Assesment and evaluation in mathematics education	
2	Table and graph Examples of activities based on the objectives of the curriculum	
3	The importance of geometry teaching General objective of geometry teaching The History of geometry Identification of materials used in teaching	
4	Devolepment of geometrical thinking in child Van Hiele's level of geometry understanding	
5	Teaching properties of geometric solids Examples of activities based on the objectives of the curriculum	
6	Basic elements of Euclidean geometry(point,line, ray, segment, plane) Examples of activities based on the objectives of the curriculum	
7	Shapes in plane and areas in plane Teaching properties of quadrilaterals and polygons Examples of activities based on the objectives of the curriculum	
8	Teaching of circle and symetry Examples of activities based on the objectives of the curriculum Teaching practices of prospective teachers	
9	Measure Devolepment of assessment	
12	Measuring liquids, volums of geometric solids Examples of activities based on the	
13	Weighing, measuring time and money	
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 preparation	14	3.00	42.00
Homeworks	0	0.00	0.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	2.00	2.00
Others	3	10.00	30.00
Final Exams	1	2.00	2.00
Total Work Load			118.00
Total work load/ 30 hr			3.93
ECTS Credit of the Course			4.00

TERM LEARNING ACTIVITIES	NUMBER	WEIGHT
Midterm Exam	1	40.00
Quiz	0	0.00
Home work-project	0	0.00
Final Exam	1	60.00
Total	2	100.00
Contribution of Term (Year) Learning Activities to Success Grade		40.00
Contribution of Final Exam to Success Grade		60.00

Total	100.00
Measurement and Evaluation Techniques Used in the Course	Written examination

24 ECTS / WORK LOAD TABLE

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	5	4	4	3	5	5	1	1	1	1	1	1	4	5	5	1
ÖK2	5	4	4	3	5	5	1	1	1	1	1	1	4	5	5	1
ÖK3	5	4	4	3	5	5	1	1	1	1	1	1	4	5	5	1
ÖK4	5	1	1	1	5	5	1	1	1	1	1	4	1	5	1	1
ÖK5	5	1	1	1	5	5	1	1	1	1	1	1	1	5	5	1

LO: Learning Objectives PQ: Program Qualifications

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