

# MINERALOGY

1	Course Title:	MINERALOGY
2	Course Code:	CNST259
3	Type of Course:	Optional
4	Level of Course:	Short Cycle
5	Year of Study:	2
6	Semester:	3
7	ECTS Credits Allocated:	2.00
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. AYLİN AYDIN SEL
15	Course Lecturers:	Öğr. Gör. Aylin AYDIN SEL
16	Contact information of the Course Coordinator:	Öğr. Gör. Aylin AYDIN SEL İzmir Meslek Yüksekokulu E-posta: aylinaydin@uludag.edu.tr
17	Website:	
18	Objective of the Course:	Learning the details about crystals and minerals under the titles of "General Mineralogy" and "Special Mineralogy" in this course.
19	Contribution of the Course to Professional Development:	To gain the ability to define and classify minerals and rocks, their formation conditions, and to comprehend their relationship with raw materials, which is the beginning of the tile production process.
20	Learning Outcomes:	
	1	Learning of crystal physics and optical properties.
	2	Learning of crystal geometry and crystal chemistry.
	3	Classification of minerals.
	4	Detailed knowledge of silicates, natural elements, sulfide and similar minerals, sulphates, halogen salts, oxides and hydroxides, carbonates, borates, nitrates, sulphates, wolframates, molybdates, phosphates, arsenates, vanadates.
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21	Course Content:	
	<b>Course Content:</b>	
Week	Theoretical	Practice
1	Crystal physics.	
2	Optical properties.	

<b>3</b>	Crystal geometry.	
<b>4</b>	Crystal chemistry.	
<b>5</b>	Special mineralogy	
<b>6</b>	Silicates.	
<b>7</b>	Doğal elementler.	
<b>8</b>	Sulphides and similar minerals.	
<b>9</b>	Sulphates.	
<b>10</b>	Halogen salts.	
<b>11</b>	Oxides and hydroxides.	
<b>12</b>	Carbonates, borates, nitrates.	
<b>13</b>	Sulphates, wolframates, molybdates.	
<b>14</b>	Phosphates, arsenates, vanadates.	

22	Textbooks, References and/or Other Materials:	
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<b>23</b>	Assesment
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TERM LEARNING ACTIVITIES	NUMBER	WEIGHT
Midterm Exam	1	40.00
Quiz	0	0.00
Home work-project	0	0.00

Activites	Number	Duration (hour)	Total Work Load (hour)
Success Grade			
Theoretical	14	2.00	28.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	10	2.00	28.00
Homeworks	0	0.00	0.00
Course Projects	1 exam with 40 points and 1 final exam with 60 points are made. The appraisal is made by using the Bursa Ilıldağ	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	Regulations. The success of the course is determined by comparing the student's total score at the end of the term	5.00	5.00
Others	0	0.00	0.00

24	<b>ECTS / WORK LOAD TABLE</b>	1	5.00	5.00
Total Work Load				71.00
Total work load/ 30 hr				2.20
ECTS Credit of the Course				2.00

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	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1	0
ÖK2	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1	0
ÖK3	1	1	1	1	1	1	1	1	1	1	1	5	1	1	1	0
ÖK4	1	1	1	1	1	1	1	1	1	1	1	4	1	1	1	0
LO: Learning Objectives    PQ: Program Qualifications																

<b>Contribution Level:</b>	<b>1 very low</b>	<b>2 low</b>	<b>3 Medium</b>	<b>4 High</b>	<b>5 Very High</b>
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