



ADIYAMAN UNIVERSITY
TECHNICAL SCIENCES VOCATIONAL SCHOOL
MINING AND MINING
EXTRACTION DEPARTMENT

2024-2025

CONTENT

- Our Department
- Mission & Vision
- Importance of Mining and Extraction Departments
- Why Mining and Extraction Department?
- Job Opportunities of Our Graduates
- Our Highest and Lowest Placement Scores According to Central Placement
- Our Course Catalog
- Our Activities



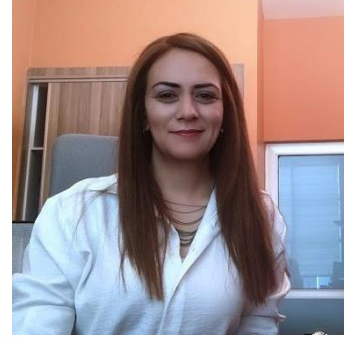
Department

The Mining and Mineral Extraction Department, Drilling Technology Program, located in Adiyaman University Technical Sciences Vocational School, was established in 2006 and has started accepting students.



ACADEMIC PERSONNEL

Assoc. Prof. Dr. Senem TEKİN
(Department Head)



Areas of expertise:

Geographic Information Systems

Remote Sensing

Applied Geology

Assoc. Prof. Dr. Yusuf TOPAK



Areas of expertise:

Ore deposits,

mineral alteration,

geochemistry

Ass. Prof. Ulaş İnan SEVİMLİ



Areas of expertise:

General Geology

Remote Sensing

Lecturer Ayşe ÇAKIR



Areas of expertise:

Geophysical Engineering

Mission & Vision

To provide high-level education and training that internalizes its own values and is open to universal values, and to raise qualified individuals who are beneficial to their region, country and the world through scientific research, professional activities and professional activity studies.

Misyon&Vizyon

Vision

To ensure that our students achieve their goals as a respected department that can be cited internationally in the fields of education and scientific research, especially in vocational education, training and services.



Importance of Drilling Technology Department

In order to determine the mineral properties of the ores with economic value such as oil, water, geothermal water, gas, and minerals determined underground with Geology and Geophysical methods, drilling is inevitable in order to reduce costs, save time and perform more efficient work. In addition, drilling is of great importance for sample collection in civil engineering and agricultural engineering.

Drilling is of great importance in underground engineering studies. Some of these provide great convenience in obtaining preliminary information for planning the main study, improving underground features and making production..



Job Opportunities for Our Graduates

Drilling Technology Program graduates are employed in companies working on geothermal, mining, groundwater, ground research drilling and in the public sector. In addition, our graduates can open their own private workplaces if they meet the appropriate conditions.

Drilling Technology Associate Degree Program graduates can also transfer to Geophysics, Geology, Petroleum and Natural Gas Engineering Undergraduate departments with the Vertical Transfer Exam (DGS) organized by ÖSYM.



Our Highest and Lowest Placement Scores According to Central Placement

According to the ÖSYS placement results announced by the Measurement, Selection and Placement Center Presidency in 2022, the highest number of students placed in our department was 250.26 points, while the lowest number was 249.009 23 points. All 25 student quotas opened in total have been filled. 190 students continue their education in our department.



department catalog

1st Semester Course Plan				
Code	Course name	T+U+L	Compulsory/Elective	AKTS
AIİT 101	ATATURK'S PRINCIPLES AND HISTORY OF THE REVOLUTION I	2+0+0	Zorunlu	2
ENF 101	BASIC INFORMATION TECHNOLOGIES	2+0+0	Zorunlu	2
STP 101	MATHEMATICS-I	3+1+0	Zorunlu	4
STP 105	TECHNICAL DRAWING	2+1+0	Zorunlu	3
STP 107	INTRODUCTION TO PETROLEUM	2+0+0	Zorunlu	2
STP 109	SCIENTIFIC PRINCIPLES OF TECHNOLOGY	3+1+0	Zorunlu	4
STP 111	ROCK INFORMATION	3+0+0	Zorunlu	4
STP 113	GENERAL AND TECHNICAL COMMUNICATION	3+0+0	Zorunlu	4
TD 101	TURKISH LANGUAGE I	2+0+0	Zorunlu	2
YD 101	FOREIGN LANGUAGE I	3+0+0	Zorunlu	3
Toplam AKTS				30

2st Semester Course Plan				
Code	Course name	T+U+L	Compulsory/Elective	AKTS
AIİT 102	ATATURK'S PRINCIPLES AND HISTORY OF REVOLUTION II	2+0+0	Zorunlu	2
STP 102	MATHEMATICS-II	3+1+0	Zorunlu	4
STP 104	MACHINE ELEMENTS	2+1+0	Zorunlu	3
STP 106	GENERAL GEOLOGY	3+0+0	Zorunlu	3
STP 108	MATERIAL INFORMATION	2+0+0	Zorunlu	2
STP 110	PROFESSIONAL COMPUTER APPLICATIONS	1+1+0	Zorunlu	3
TD 102	TURKISH LANGUAGE II	2+0+0	Zorunlu	2
YD 102	FOREIGN LANGUAGE II	3+0+0	Zorunlu	3
SEÇ. 1	ELECTIVE POOL (2 COURSES TO BE SELECTED)	0+0+0	Seçmeli	8
Toplam AKTS				30

STP 122	DRILLING MACHINERY AND EQUIPMENT	3+0+0	Seçmeli	4
STP 124	GEOMORPHOLOGY	3+0+0	Seçmeli	4
STP 126	QUALITY ASSURANCE AND STANDARD	3+0+0	Seçmeli	4
STP 128	GROUND, MINERAL AND WATER DRILLING	3+0+0	Seçmeli	4
STP 130	OPERATING MANAGEMENT	3+0+0	Seçmeli	4
STP 132	FIRST AID	3+0+0	Seçmeli	4
STP 134	MACHINERY INFORMATION	3+0+0	Seçmeli	4
STP136	CHEMISTRY	3+0+0	Seçmeli	4

3st Semester Course Plan				
Code	Course name	T+U+L	Compulsory/Elective	AKTS
ST 201	INTERNSHIP I	0+0+0	Zorunlu	4
STP 201	DRILLING TECHNIQUE-I	2+1+0	Zorunlu	3
STP 203	OIL PRODUCTION TECHNIQUE-I	2+1+0	Zorunlu	3
STP 205	DRILLING FLUIDS	2+1+0	Zorunlu	3
STP 207	TOPOGRAPHY AND GEOLOGICAL MAP INFORMATION	3+1+0	Zorunlu	4
STP 209	WELDING TECHNOLOGY AND APPLICATIONS	1+1+0	Zorunlu	2
STP 211	MINING LAW	2+2+0	Zorunlu	3
SEÇ. 2	ELECTIVE POOL	0+0+0	Seçmeli	8
Toplam AKTS				30

AHL 201	AHLIK AND PROFESSIONAL ETHICS	2+0+0	Seçmeli	4
STP 221	FLUID MECHANICS	3+0+0	Seçmeli	4
STP 223	WELL COMPLETION	3+0+0	Seçmeli	4
STP 225	REPORT PREPARATION AND SEMINAR IN DRILLING	3+0+0	Seçmeli	4
STP 227	DRILLING LABORATORY	2+1+0	Seçmeli	4
STP 229	YAPISAL JEOLOJİ	3+0+0	Seçmeli	4
STP 231	GİRİŞİMCİLİK	3+0+0	Seçmeli	4

4st Semester Course Plan				
Code	Course name	T+U+L	Compulsory/Elective	AKTS
ST 202	INTERNSHIP II	0+0+0	Zorunlu	4
STP 202	ROCK MECHANICS	2+0+0	Zorunlu	3
STP 204	PETROLEUM LABORATORY	2+1+0	Zorunlu	3
STP 206	RESCUE	2+0+0	Zorunlu	2
STP 208	DRILLING TECHNIQUE-II	3+1+0	Zorunlu	4
STP 210	WORK SAFETY AND WORKER HEALTH	3+0+0	Zorunlu	3
STP 212	WELL LOGS AND TESTS	3+0+0	Zorunlu	3
SEÇ 2	ELECTIVE POOL (2 COURSES TO BE SELECTED)	0+0+0	Seçmeli	6
SKS	OUTSIDE FIELD ELECTIVE COURSE	1+1+0	Seçmeli	2
			Top. AKTS	30
SKS 232	PHYSICAL EDUCATION	1+1+0	Seçmeli	2
SKS 234	MUSIC	1+1+0	Seçmeli	2
SKS 236	DRAWING	1+1+0	Seçmeli	2
SKS 238	FOLK DANCES	1+1+0	Seçmeli	2
SKS 240	ART HISTORY	1+1+0	Seçmeli	2
SKS 242	HISTORY OF SCIENCE	1+1+0	Seçmeli	2
SKS 244	THEATRE ART	1+1+0	Seçmeli	2
SKS 246	SIGN LANGUAGE	1+1+0	Seçmeli	2
SKS 248	COMMUNICATION TECHNIQUES	1+1+0	Seçmeli	2
STP 222	OIL PRODUCTION TECHNIQUE-II	3+0+0	Seçmeli	3
STP 224	GEOPHYSICS	3+0+0	Seçmeli	3
STP 226	HYDROGEOLOGY	3+0+0	Seçmeli	3
STP 228	DRILLING REPORT PREPARATION AND SEMINAR II	3+0+0	Seçmeli	3
STP 230	TECTONICS	3+0+0	Seçmeli	3
STP 232	MACHINE INFORMATION	2+0+0	Seçmeli	3
STP 234	CAREER PLANNING	1+0+0	Seçmeli	2



Mining and Extraction Department, Drilling Technology Program Activities

As the Mining and Mineral Extraction Department, we invite people from the relevant professions working in the private and public sectors in Adiyaman province to our department and provide them with professional information. Technical trips are organized every semester and trips are organized to important and large companies such as TPAO (Turkish Petroleum Corporation). The mines in the province are examined and information is provided to the students. In addition, trips, group meals, etc., social activities are carried out with our students and the department faculty members every semester.



ADIYAMAN UNIVERSITY

TECHNICAL SCIENCES

VOCATIONAL SCHOOL

Address

Adiyaman University
Technical Sciences Vocational
School, Mining and Mineral
Extraction Department Floor:2
02040, Merkez/ADIYAMAN

Tel:+90(416)2233800

Fax:+90(416)2231774

Internet: <https://tbmyo.adiyaman.edu.tr/tr/bolumler/madencilik-ve-maden-cikarma-bolumu>



TECHNICAL SCIENCES VOCATIONAL SCHOOL MINING AND MINING
EXTRACTION DEPARTMENT INTRODUCTION BOOKLET

2024-2025