

**ADIYAMAN UNIVERSITY  
TECHNICAL SCIENCES  
VOCATIONAL SCHOOL  
MINING AND EXTRACTION  
DEPARTMENT**

**INTRODUCTORY BOOKLET**

**2025-2026**

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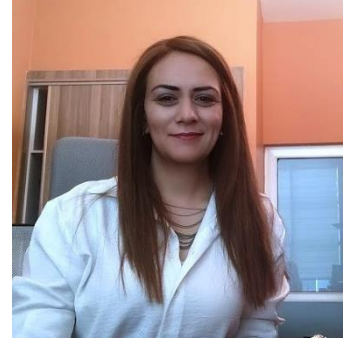
## Department

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



## ACADEMIC STAFF

**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:**

Mineral Deposits

Mineral Alteration

Geochemistry

**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 activities.

## **Vision**

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

## **The Importance of the Drilling Technology Department**

Drilling cores to determine mineral properties is essential for the extraction of economically valuable underground minerals such as oil, water, geothermal water, gas, and minerals using geological and geophysical methods. This reduces costs, saves time, and facilitates more efficient work. Furthermore, drilling for sample collection is crucial in civil and agricultural engineering.

Drilling is crucial in underground engineering projects. Some of these include obtaining preliminary information for planning main work, improving subsurface characteristics, and facilitating production.

## **Job Opportunities for Our Graduates**

Graduates of the Drilling Technology Program are employed in companies specializing in geothermal, mining, groundwater, and ground exploration drilling, as well as in the public sector. Furthermore, if they meet the necessary qualifications, they can open their own private businesses.

Graduates of the Drilling Technology Associate Degree Program can also transfer to undergraduate programs in Geophysics, Geology, and Petroleum and Natural Gas Engineering through the Vertical Transfer Exam (DGS) administered by ÖSYM.

## **Our Highest and Lowest Placement Scores According to Central Placement**

According to the ÖSYS placement results announced by the Center for Measurement, Selection and Placement, students were accepted into our department in 2024 with a minimum score of 190.10814. All 25 student quotas have been filled. 200 students are currently enrolled in our department..





## Catalog

1.Yarıyıl Ders Planı				
Ders Kodu	Ders Adı	T+U+L	Zorunlu/Seçmeli	AKTS
AIİT 101	ATATÜRK İLKELERİ VE İNKILAP TARİHİ I	2+0+0	Zorunlu	2
ENF 101	TEMEL BİLGİ TEKNOLOJİLERİ	2+0+0	Zorunlu	2
STP 101	MATEMATİK-I	3+1+0	Zorunlu	4
STP 105	TEKNİK RESİM	2+1+0	Zorunlu	3
STP 107	PETROLE GİRİŞ	2+0+0	Zorunlu	2
STP 109	TEKNOLOJİNİN BİLİMSEL İLKELERİ	3+1+0	Zorunlu	4
STP 111	KAYAÇ BİLGİSİ	3+0+0	Zorunlu	4
STP 113	GENEL VE TEKNİK İLETİŞİM	3+0+0	Zorunlu	4
TD 101	TÜRK DİLİ I	2+0+0	Zorunlu	2
YD 101	YABANCI DİL I	3+0+0	Zorunlu	3
Toplam AKTS				30

2.Yarıyıl Ders Planı				
Ders Kodu	Ders Adı	T+U+L	Zorunlu/Seçmeli	AKTS
AIİT 102	ATATÜRK İLKELERİ VE İNKILAP TARİHİ II	2+0+0	Zorunlu	2
STP 102	MATEMATİK-II	3+1+0	Zorunlu	4
STP 104	MAKİNE ELEMANLARI	2+1+0	Zorunlu	3
STP 106	GENEL JEOLJİ	3+0+0	Zorunlu	3
STP 108	MALZEME BİLGİSİ	2+0+0	Zorunlu	2
STP 110	MESLEKİ BİLGİSAYAR UYGULAMALARI	1+1+0	Zorunlu	3
TD 102	TÜRK DİLİ II	2+0+0	Zorunlu	2
YD 102	YABANCI DİL II	3+0+0	Zorunlu	3
SEÇ. 1	SEÇMELİ HAVUZU (2 DERS SEÇİLECEK)	0+0+0	Seçmeli	8
Toplam AKTS				30

STP 122	SONDAJ MAKİNE VE TECHİZATI	3+0+0	Seçmeli	4
STP 124	JEOMORFOLOJİ	3+0+0	Seçmeli	4
STP 126	KALİTE GÜVENCE VE STANDARTI	3+0+0	Seçmeli	4
STP 128	ZEMİN, MADEN ve SU SONDAJLARI	3+0+0	Seçmeli	4
STP 130	İŞLETME YÖNETİMİ	3+0+0	Seçmeli	4
STP 132	İLK YARDIM	3+0+0	Seçmeli	4
STP 134	MAKİNE BİLGİSİ	3+0+0	Seçmeli	4
STP136	KİMYA	3+0+0	Seçmeli	4

3.Yarıyıl Ders Planı				
Ders Kodu	Ders Adı	T+U+L	Zorunlu/Seçmeli	AKTS
ST 201	STAJ I	0+0+0	Zorunlu	4
STP 201	SONDAJ TEKNİĞİ-I	2+1+0	Zorunlu	3
STP 203	PETROL ÜRETİM TEKNİĞİ-I	2+1+0	Zorunlu	3
STP 205	SONDAJ SIVILARI	2+1+0	Zorunlu	3
STP 207	TOPOĞRAFİK VE JEOLJİK HARİTA BİL.	3+1+0	Zorunlu	4
STP 209	KAYNAK TEKNOLOJİSİ VE UYGULAMALARI	1+1+0	Zorunlu	2
STP 211	MADEN İŞ HUKUKU	2+2+0	Zorunlu	3
SEÇ .2	SEÇMELİ HAVUZU	0+0+0	Seçmeli	8
Toplam AKTS				30

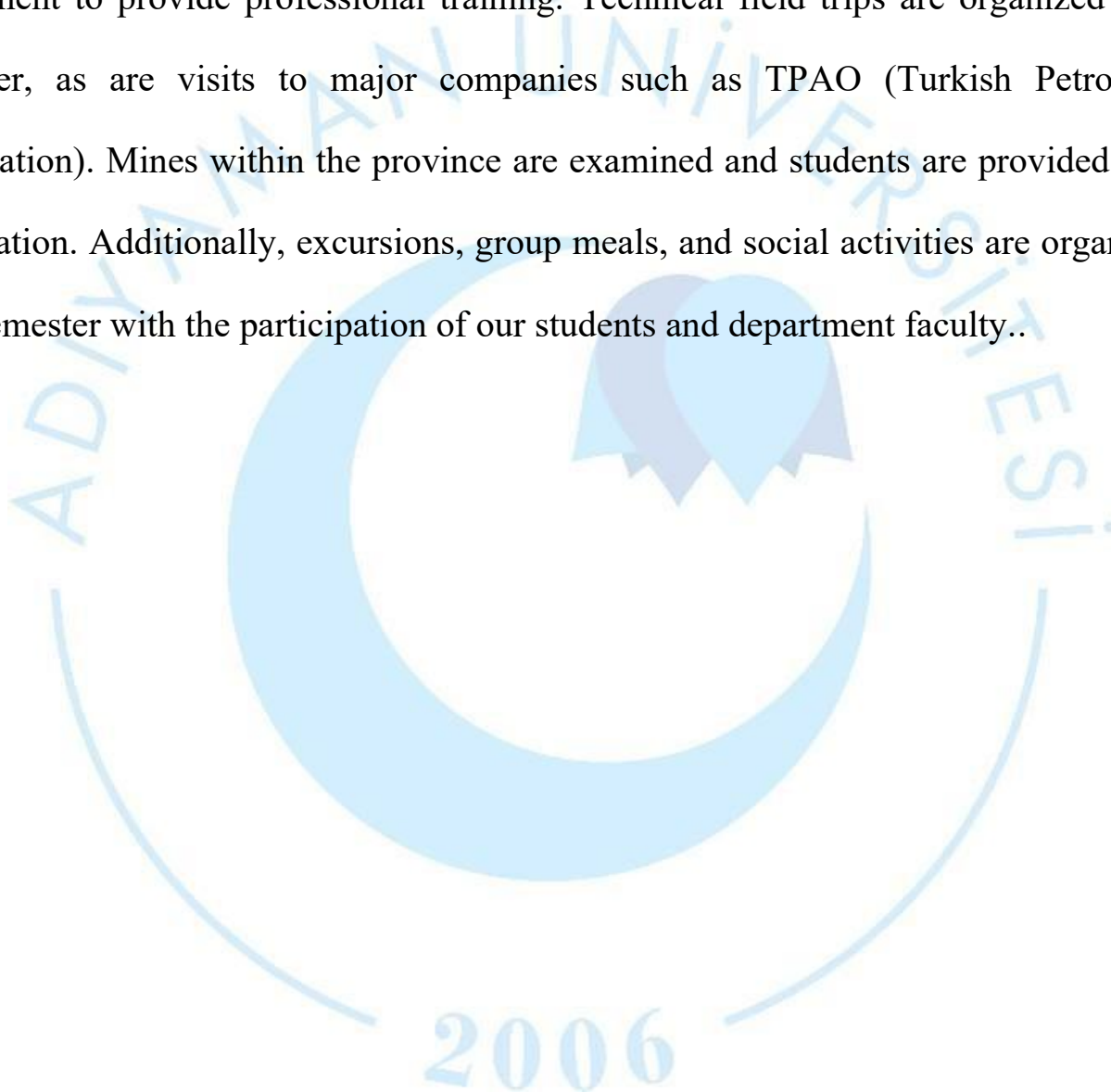
AHL 201	AHİLİK VE MESLEKİ ETİK	2+0+0	Seçmeli	4
STP 221	AKIŞKANLAR MEKANİĞİ	3+0+0	Seçmeli	4
STP 223	KUYU TAMAMLAMA	3+0+0	Seçmeli	4
STP 225	SONDAJCILIKTA RAPOR HAZIRLAMA VE SEMİNER	3+0+0	Seçmeli	4
STP 227	SONDAJ LABORATUVARI	2+1+0	Seçmeli	4
STP 229	YAPISAL JEOLJİ	3+0+0	Seçmeli	4
STP 231	GİRİŞİMCİLİK	3+0+0	Seçmeli	4

4.Yarıyıl Ders Planı				
Ders Kodu	Ders Adı	T+U+L	Zorunlu/Seçmeli	AKTS
ST 202	STAJ II	0+0+0	Zorunlu	4
STP 202	KAYA MEKANİĞİ	2+0+0	Zorunlu	3
STP 204	PETROL LABORATUVARI	2+1+0	Zorunlu	3
STP 206	TAHLİSİYE	2+0+0	Zorunlu	2
STP 208	SONDAJ TEKNİĞİ-II	3+1+0	Zorunlu	4
STP 210	İŞ GÜVENLİĞİ VE İŞÇİ SAĞLIĞI	3+0+0	Zorunlu	3
STP 212	KUYU LOGLARI VE TESTLERİ	3+0+0	Zorunlu	3
SEÇ 2	SEÇMELİ HAVUZU (2 DERS SEÇİLECEK)	0+0+0	Seçmeli	6
SKS	ALAN DIŞI SEÇMELİ DERS	1+1+0	Seçmeli	2
Toplam AKTS				30
SKS 232	BEDEN EĞİTİMİ	1+1+0	Seçmeli	2
SKS 234	MÜZİK	1+1+0	Seçmeli	2
SKS 236	RESİM İŞ	1+1+0	Seçmeli	2
SKS 238	HALK OYUNLARI	1+1+0	Seçmeli	2
SKS 240	SANAT TARİHİ	1+1+0	Seçmeli	2
SKS 242	BİLİM TARİHİ	1+1+0	Seçmeli	2
SKS 244	TİYATRO SANATI	1+1+0	Seçmeli	2
SKS 246	İŞARET DİLİ	1+1+0	Seçmeli	2
SKS 248	İLETİŞİM TEKNİKLERİ	1+1+0	Seçmeli	2
STP 222	PETROL ÜRETİM TEKNİĞİ-II	3+0+0	Seçmeli	3
STP 224	JEOFİZİK	3+0+0	Seçmeli	3
STP 226	HİDROJEOLOJİ	3+0+0	Seçmeli	3
STP 228	SONDAJCILIKDA RAPOR HAZIRLAMA ve SEMİNER II	3+0+0	Seçmeli	3
STP 230	TEKTONİK	3+0+0	Seçmeli	3
STP 232	MAKİNE BİLGİSİ	2+0+0	Seçmeli	3
STP 234	KARİYER PLANLAMA	1+0+0	Seçmeli	2

## **Mining and Mineral Extraction Department, Drilling Technology Program**

### **Activities**

The Department of Mining and Mineral Extraction invites individuals from relevant professions working in the private and public sectors of Adıyaman province to our department to provide professional training. Technical field trips are organized each semester, as are visits to major companies such as TPAO (Turkish Petroleum Corporation). Mines within the province are examined and students are provided with information. Additionally, excursions, group meals, and social activities are organized each semester with the participation of our students and department faculty..



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**TECHNICAL SCIENCES**

**VOCATIONAL SCHOOL**

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