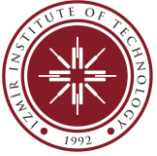


CE 203 ENGINEERING GEOLOGY

FALL 2025-2026

Prof. Dr. Alper Baba



Syllabus:

Instructor: Prof. Dr. Alper BABA

Office: CE 201

Phone: +90-232-750 6807

e-mail: alperbaba@iyte.edu.tr

Resarcher: Birkan ŞİMŞEK



Syllabus:

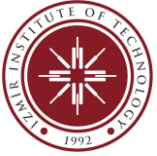
• Reference Books:

- *Engineering Geology by Perry H.Rahn*
- *Physical Geology by Charles C. Plummer and David McGeary*
- *Earth-portrait of a planet by Stephen Marshak*
- *Rock Mechanics by John P. Harrison*
- *Rock Mechanics by Richard E. Goodman*
- *Soil Mechanics by R.F. Craig*
- *Mühendislik Jeolojisi by Kemal Erguvanlı*



Grading

Grading	Rate
Midterm	30%
Project	30%
Final Exam	40%



Syllabus:

- Course will last **14 weeks and one day a week**
- Every Tuesday, 8:45 -12:00
- Full attendance is essential.
- Attendance will be taken regularly.



Syllabus:

Outline	
30.09.2025	<i>Introducing Geology</i>
07.10.2025	<i>Minerals and Rocks</i>
14.10.2025	<i>Minerals and Rocks</i>
21.10.2025	<i>Geologic Structures</i>
28.10.2025	<i>Maps, Aerial Photographs and Remote Sensing Weathering</i>
04.11.2025	<i>Soil Mechanics /Mass wasting</i>
11.11.2025	<i>Field Trip /rock mechanics, discontinuities, dam</i>
18.11.2025	<i>Field Trip/ Water resources, fault, structure</i>



Syllabus:

Outline	
02.12.2025	<i>Mass wasting</i>
09.12.2025	<i>Groundwater resources</i>
16.12.2025	<i>Earthquakes/ midtearm</i>
23.12.2025	<i>Dam/Field trip?</i>
30.12.2025	<i>Urban Geology/ Presentation</i>
06.01.2026	<i>Environmental Geology/ Presentation</i>
	<i>Final Exam</i>