



2023-2024 Academic Year
List of Courses Offered in Foreign Language
2023-2024 Akademik Yılı
Yabancı Dilde Açılacak Dersler Listesi

Mühendislik Fakültesi
Faculty of Engineering

	Department <i>Bölüm</i>	Course Code <i>Ders Kodu</i>	ECTS <i>AKTS</i>	Course Title <i>Dersin Adı</i>	Semester <i>Dönem</i>	Course Content <i>Dersin İçeriği</i>	Academic Staff <i>Dersi Veren Öğretim Elemanı</i>	Online Available <i>Çevrimiçi</i>
2	Geological Engineering	JEO 504	5	Geomechanics	Spring	Rock Mechanics and Its Application Areas. Rock Material and Rock Mass. Discontinuity. Measurement of Stresses in Rocks. Rock Shear Strength and Failure Criteria. Principles of Slope Stability and Failure Types. Slope Stability Analysis Methods (Analytical and Kinematic). Classification of Rock Material (Terzaghi, RQD, RMR, Q). Rock Mechanics Applications in Tunnels and Rock Slopes. Laboratory and Field Tests in Rock Mechanics.	Asst. Prof. Dr. Özgür AKTÜRK	x