



2025-2026 Academic Year
List of Courses Offered in Foreign Language
2025-2026 Akademik Yılı
Yabancı Dilde Açılacak Dersler Listesi

Faculty of Engineering
Mühendislik Fakültesi

	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>
1	Civil Engineering <i>İnşaat Mühendisliği</i>	İNM464	4	Introduction to Traffic Engineering	Spring <i>Bahar</i>	Introduction to Traffic Engineering, Road, user and vehicle characteristics, Motion, Statistical prerequisites, Speed data collection and analysis, Travel time, Delay, SMS TMS, Macroscopic characteristics of traffic flow, Microscopic characteristics of traffic flow, Volume studies, Capacity and Level of Service, Merging Diverging Weaving, Gap acceptance, Channelization, Intersections, Roundabouts, Signalized Intersections, Queuing theory, Road safety, Traffic calming	Prof. Dr. Banihan GÜNAY	Yes
2	Civil Engineering <i>İnşaat Mühendisliği</i>	İNM311	4	Highway Engineering	Spring <i>Bahar</i>	General Definitions Related to Highway Elements, Human and Vehicle Characteristics, Vehicle Movements and General Features of Highway Traffic, Highway Classification, Geometric Standards and Elements, Capacity and Level of Service, Urban Roads and intersections, Road Design Principles (Horizontal and vertical alignment, crosssections, basics of earthworks).	Prof. Dr. Banihan GÜNAY	Yes
3	Civil Engineering <i>İnşaat Mühendisliği</i>	İNM307	4	Hydraulics	Fall <i>Güz</i>	Dimensional analysis, Pi theorem, model similitude, pressured flows, local and frictional energy losses, calculation of pipe systems, multi-reservoir pipe systems, open channel hydraulics, uniform flow, the best hydraulic section, varied flows, specific energy, hydraulic jump, calculation of gradually varied flows, channel controls, orifices and weirs.	Doç. Dr. Halil İbrahim BURGAN	Yes
4	Civil Engineering <i>İnşaat Mühendisliği</i>	İNM309	4	Construction Management	Fall <i>Güz</i>	Basic definitions of project and construction. Preparations of construction and fisibility. 4734 numbered bid law. 4735 numbered bid law. Notifications and regulations of public construction bids. Survey applications.	Prof. Dr. Aynur KAZAZ	Yes