
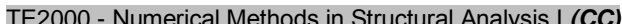






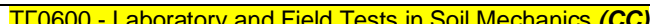












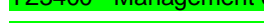




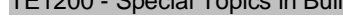

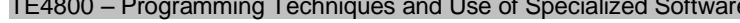






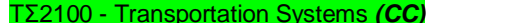








<b>MEMO:</b>		
	Elective course of the Division of Geotechnical Engineering	 Inter-divisional Elective course
	Elective course of the Division of Structural Engineering	<b>(CC)</b> Compulsory Course for the Division
	Elective course of the Division of Transportation and Project Management	<b>(NO)</b> Not Offered this academic year
	Elective course of the Division of Hydraulics and Environmental Engineering	

**GROUPS OF ELECTIVE COURSES - 7<sup>th</sup> SEMESTER**

GROUP CODE	COURSE CODE – COURSE TITLE
7.1	 TΓ2500 - Engineering Seismology & Earthquake Engineering <b>(CC)</b>
	 TE2000 - Numerical Methods in Structural Analysis I <b>(CC)</b>
	 TΣ0700 - Design and Construction of Road Pavements and Laboratory Testing <b>(CC)</b>
	 TY4700 - Environmental Impact Assessment <b>(CC)</b>
7.2	 TΓ2400 - Deep Foundations <b>(CC)</b>
	 TE1300 - Theory of Disks and Plates <b>(CC)</b>
	 TΣ0300 - Construction Equipment <b>(CC)</b>
	 TY0600 - Engineering Hydrology <b>(CC)</b>

**GROUPS OF ELECTIVE COURSES - 8<sup>th</sup> SEMESTER**

GROUP CODE	COURSE CODE – COURSE TITLE
8.1	 TΓ0600 - Laboratory and Field Tests in Soil Mechanics <b>(CC)</b>
	 TE2300 – Pre-stressed Concrete <b>(CC)</b>
	 TΣ1200 - Railway Infrastructure <b>(CC)</b>
	 TY4600 - Design of Water Supply and Sewerage Systems <b>(CC)</b>
8.2	 TΓ3700 - Geotechnical Earthquake Engineering
	 TE2400- Dynamics of Structures II <b>(CC)</b>
	 TΕ1400 – Basic Principles of Economic Theory and Policy
	 TΣ2800 – Philosophy of Technology <b>(NO)</b>
 TY2500 - Hydraulics of Open Channels and Rivers	
8.3	 TΓ1800 - Rock Mechanics I <b>(CC)</b>
	 TE2100 - Theory of Shells
	 TE3500 - Fire Protection Of Building Structures
	 TΣ3400 - Management of Construction Companies
	 TΣ0600 - Traffic Control
	 TY4300 - Groundwater Resources Exploitation and Protection
 TY5000 - Coastal Protection Works and Coasts	
8.4	 TΓ0900 - Photogrammetry - Geoinformation Systems
	 TE1200 - Special Topics in Building Construction
	 TE5100 – Structural Aluminium
	 TE4800 – Programming Techniques and Use of Specialized Software in Structural Design
	 TΣ4400 - Management Information Systems for Engineering Projects
	 TΣ3200 - Airport Planning and Construction
 TY4400 - Environmental and Energy Policy in European Union	
8.5	 TΓ1200 - Engineering Surveying
	 TE2200 - Composite Buildings and Bridges
	 TE2900 - Special Topics in Construction Materials
	 TΣ2100 - Transportation Systems <b>(CC)</b>
 TY2000 - Design and Construction of Ports <b>(CC)</b>	
8.6	 TΓ2900 - Special Topics in Computer-Aided Drafting
	 TE4000 - Prefabricated Concrete Structures <b>(NO)</b>
	 TE2500 - Numerical Methods in Structural Analysis II
	 TΣ1000 - Elements of Law and Engineering Legislation
	 TY1100 - Hydraulics of Groundwater Flows
 TY1600 - Numerical Methods in Hydraulics and Hydraulic Works	
8.7	ΠΑ0100 – Placement for Civil Engineers

GROUPS OF ELECTIVE COURSES - 9<sup>th</sup> SEMESTER

GROUP CODE	COURSE CODE – COURSE TITLE
9.1	<p>TF3900 - Landslides – Earth Cuts &amp; Fills – Soil Improvement Methods</p> <p>TE3900 - Experimental Structural Engineering</p> <p>TE4700 - Engineering Performance of Materials</p> <p>TY5100 - Waste and Wastewater Treatment</p>
9.2	<p>TF1700 - Deep Excavations and Earth Retaining Structures (CC)</p> <p>TE4100 - Restoration of Concrete and Masonry Buildings</p> <p>TE3800- Masonry Structures</p> <p>TS1400 - Investment Evaluation</p> <p>TFY002 - Natural Hazards : Analysis and Management of Risk</p> <p>TY2700 - Coastal Oceanography</p>
9.3	<p>TF2100 – Geomatics</p> <p>TE3200 - Advanced Topics in Concrete Structures</p> <p>TE4300 - Elastoplastic Analysis of Structures</p> <p>TS3300 - Transport and Environment</p> <p>TY4200 – Waste Treatment Technology</p>
9.4	<p>TF3600 - Special Topics in Photogrammetry</p> <p>TE2600 - Concrete Bridges</p> <p>TS1800 – Transportation Economics</p> <p>TS2900 – Philosophy of Technology II (NO)</p> <p>TY3300 - Unsteady Flows</p>
9.5	<p>TF3300 - Tunnels and Underground Constructions (NO)</p> <p>TF3500 - Photointerpretation – Remote Sensing</p> <p>TE3700 - Behavior and Properties of Reinforced Concrete</p> <p>TS1900 - Public Transportation (CC)</p> <p>TY3200 - Geothermal Energy</p>
9.6	<p>TF2200 – Environmental Engineering Geology</p> <p>TE1700 - Energy-Saving Design in Buildings</p> <p>TE3000 – Steel Bridges</p> <p>TS4100 - Road Safety</p> <p>TY4600 - Design and constructions of Irrigation &amp; Drainage Systems (CC)</p>
9.7	<p>TF2600 - Environmental Geotechnical Engineering</p> <p>TE3400 - Inelastic Analysis of Reinforced Concrete Structures</p> <p>TE4200 - Timber structures</p> <p>TS1500 - Management of Construction Sites (CC)</p> <p>TY4500 - Marine Structures</p> <p>TFY003 - Design and construction of Dams</p>
9.8	<p>TF2300 - Soil Mechanics III</p> <p>TE2800 - Antiseismic Technology and Behaviour of Concrete (CC)</p> <p>TY0300 - Hydrometric and Hydraulic Models</p> <p>TY4900 - Water Quality Mathematical Models for Ecosystems</p>
9.9	<p>TF3800 - Numerical Methods in Geotechnical Engineering (CC)</p> <p>TE0300 - Environmental Architectural Design of Buildings</p> <p>TS3500 - Management of Road Work</p> <p>TY1700 - Water Resources Management (CC)</p>
9.10	<p>TF1500 - Special Topics in Rock Mechanics and Engineering Geology</p> <p>TE3100 - Antiseismic Calculation &amp; Special Topics in Steel Structures (CC)</p> <p>TS3900 - Regional Development II</p> <p>TY4100 - Environmental Chemistry, Microbiology and Biochemistry</p>