

**Zmir Kâtip Celebi University Engineering and Architecture Faculty**  
**2024 -2025 Fall Semester Midterm Program**

BIOLOGICAL ENGINEERING						
Sat	08.11.2024	15.11.2024	22.11.2024	29.11.2024	06.12.2024	
08:30 - 10:00	BME203 Circuit Theory	MAT202 Linear Algebra and Differential Equations	BME201 Human Anatomy and Physiology	BME204 Technical Report Writing and Research Techniques	BME208 Logic Design and Circuits	ENG401 Interdisciplinary Engineering Design Project
10:30 - 11:50	BME404 Introduction to Photomedicine	MAT106 Calculus I	PHY105 Physics I	BME401 Digital Processing of Biomedical Signals	BME407 Medical Sensors I	ES411 Occupational Health and Safety I
12:30 - 13:50	BME211 Biomedical Lab II	BME207 Biomechanical Instrumentation	BME202 Biostatistical Parameters	BME205 Biostatistics	BME402 Biomedical Ethics and Safety	
14:30 - 15:40	PHY102 Physics II	BME405 Basic Plasma Medicine	BME403 Biomedical Applications of Nanotechnology	BME406 Advanced Biomedical Signal Processing	BME408 General Chemistry	
16:00 - 17:30	BME210 Probability and Random Processes	BME404 Introduction to Biomedical Image Processing	BME407 Quality Management Systems in Medical Devices	BME209 UNIVERSITY ELECTIVE COURSES	CEH303 General Chemistry	

MECHANICAL ENGINEERING						
Sat	08.11.2024	15.11.2024	22.11.2024	29.11.2024	06.12.2024	
08:30 - 10:00	ME211 Material Science I	MAT205 Differential Equations	CE203 Comp. Prog. and Applications 08:00-10:00	ME213 Comp. Aided Engineering Drawing II	ME216 Strength of Materials I	ENG401 Interdisciplinary Engineering Design Project
10:30 - 11:50	ME210 Introduction to Mechanical Engineering	MAT201 Calculus I	PHY105 Physics I	ME204 Mechanical Fluid Mechanics	ME215 Thermodynamics I	ES411 Occupational Health and Safety I
12:30 - 13:50	ME212 Theory of Mechanisms	ME221 Fluid Mechanics	ME217 Heat Transfer	ME211 Machine Elements I	ME216 Thermodynamics	
14:30 - 15:40	PHY102 Physics II	ME244 Gas Turbines and Jet Propulsion	ME272 Comp. Applications in Mech. Engineering	MAT202 Calculus II	ME274 Mechanical Vibrations	ES411 Occupational Health and Safety I
16:00 - 17:30	ME214 Mechanical Design Application	ME401 Intd. Applications of Mech. Eng. I	ME402 Introduction to Solid Mechanics	ME210 UNIVERSITY ELECTIVE COURSES	CEH303 General Chemistry	

METALLURGICAL AND MATERIALS ENGINEERING (METALLURGICAL ENGINEERING)						
Sat	08.11.2024	15.11.2024	22.11.2024	29.11.2024	06.12.2024	
08:30 - 10:00	ME217 Material Chemistry	ME210 Thermodynamics of Materials I	CE201 Comp. Prog. and Applications 08:00-10:00	ME219 Statistical Strength of Materials	ENG401 Interdisciplinary Engineering Design Project	
10:30 - 11:50	ME411 Materials Science and Engineering Design	MAT201 Calculus I	PHY105 Physics I	ME212 Mechanics of Materials and Polymeric Materials	ME215 Introduction to Materials Science and Engineering	ES411 Occupational Health and Safety I
12:30 - 13:50	ME218 Corrosion and Protection	ME217 Extractive Metallurgy	ME215 Materials Characterization Tech. I	ME215 Materials Science I		
14:30 - 15:40	PHY102 Physics II	ME211 Applied Engineering Mathematics	ME212 Casting and Solidification	MAT202 Calculus II	UNIVERSITY ELECTIVE COURSES	CEH303 General Chemistry
16:00 - 17:30	ME217 Mechanical Behavior of Materials	ATAS101 (1 Din. Subst.) ATAS102 (2 Yabancı Subst.) ENG101 (16.30-17.15)	ENG101 (16.30-17.15)	ME218 Recycling of Materials	UNIVERSITY ELECTIVE COURSES	

CIVIL ENGINEERING						
Sat	08.11.2024	15.11.2024	22.11.2024	29.11.2024	06.12.2024	
08:30 - 10:00	CE201 Engineering Geology	MAT205 Differential Equations	CE401 Materials Science	CE202 Principles of Surveying and Measurement	OP401 Probability and Statistics for Engineers	ENG401 Interdisciplinary Engineering Design Project
10:30 - 11:50	CE301 Mechanics of Construction	MAT106 Calculus I	PHY105 Physics I	CE406 Matrix Methods in Structural Analysis	CE303 Design of Steel Structures	ES411 Occupational Health and Safety I
12:30 - 13:50	CE401 Composite Construction Chemicals	CE301 Structural Mechanics and Analysis	CE301 Hydraulics	CE271 Soil Mechanics	CE402 Fundamentals of Architecture and Construction	CE425 Introduction to Environmental Geotechnics
14:30 - 15:40	PHY102 Physics II	CE307 Computer Applications in Structural Engineering	CE403 Introduction to CFD	CE404 Material Design	UNIVERSITY ELECTIVE COURSES	CEH303 General Chemistry
16:00 - 17:30	CE405 Principles of Earthquake Resistant Design	CE406 Introduction to Traffic Engineering	CE471 Site Investigation Methods in Geotechnical Engineering	CE404 Fundamentals of Structural Engineering	UNIVERSITY ELECTIVE COURSES	

MECHANICAL ENGINEERING						
Sat	08.11.2024	15.11.2024	22.11.2024	29.11.2024	06.12.2024	
08:30 - 10:00	ME211 Electrical and Electronic Circuit Theory I	MAT205 Differential Equations	ME112 Computer Aided Technical Drawing II	ME246 Thermodynamics	ME203 Dynamics	ENG401 Interdisciplinary Engineering Design Project
10:30 - 11:50	ME210 Introduction to Mechanical Engineering	MAT201 Calculus I	PHY105 Physics I	ME401 Introduction to Robot Technologies	ME403 Model Based Control System Design	ES411 Occupational Health and Safety I
12:30 - 13:50	ME205 System Modeling and Analysis	ME206 Signal Processing	ME203 Sensor Systems	ME211 Mechatronics Design I	ME404 Introduction to Artificial Neural Networks	
14:30 - 15:40	PHY102 Physics II	ME403 Computer Aided Design and Manufacturing	ME407 PDE Control	MAT202 Calculus II	UNIVERSITY ELECTIVE COURSES	CEH303 General Chemistry
16:00 - 17:30	ME210 Mechanical Vibrations	ME401 Hydraulics and Pneumatics	ENG101 (16.30-17.15)	CE408 C Programming	ME207 Mechatronics System Design I	CEH303 General Chemistry

GEOMATICS ENGINEERING						
Sat	08.11.2024	15.11.2024	22.11.2024	29.11.2024	06.12.2024	
08:30 - 10:00	GE201 Advanced Surveying	MAT205 Differential Equations	CE201 Comp. Prog. and Applications 08:00-10:00	GE203 Real Estate Law	OP401 Probability and Statistics for Engineers	ENG401 Interdisciplinary Engineering Design Project
10:30 - 11:50	GE301 Introduction to Geomatics Engineering	MAT201 Calculus I	PHY105 Physics I	GE402 LiDAR Photogrammetry	GE406 Coordinate Systems in Geodesy	ES411 Occupational Health and Safety I
12:30 - 13:50	MAT206 Applied Linear Algebra	GE301 Geog. Info. Sp.	GE304 Adjustment Computations	GE301 Photogrammetry I	GE408 Mobile Photogrammetry	
14:30 - 15:40	PHY102 Physics II	GE403 Deformation Measurements and Analysis	GE409 Real Estate Valuation	MAT202 Calculus II	UNIVERSITY ELECTIVE COURSES	CEH303 General Chemistry
16:00 - 17:30	GE201 Land Development	ATAS101 (1 Din. Subst.) ATAS102 (2 Yabancı Subst.) ENG101 (16.30-17.15)	ENG101 (16.30-17.15)	GE401 Web Cartography	UNIVERSITY ELECTIVE COURSES	

ELECTRICAL-ELECTRONICS ENGINEERING						
Sat	08.11.2024	15.11.2024	22.11.2024	29.11.2024	06.12.2024	
08:30 - 10:00	MAT205 Differential Equations	EE206 Logic Design	EE201 Electromagnetic Theory	EE202 Circuit Theory I	ENG401 Interdisciplinary Engineering Design Project	
10:30 - 11:50	EE203 Industrial Automation	MAT106 Calculus I	PHY105 Physics I	EE201 Introduction to EEE	EE401 Introduction to Robotics	ES411 Occupational Health and Safety I
12:30 - 13:50	MAT205 Linear Algebra	EE207 Analog Electronics Laboratory	EE208 Electromechanical Energy Conversion Principles I	EE205 Electronics II	EE402 Introduction to Machine Learning	EE408 Power Electronics
14:30 - 15:40	PHY102 Physics II	EE208 Introduction to Image Processing	MAT202 Calculus II	EE404 Process Control	UNIVERSITY ELECTIVE COURSES	CEH303 General Chemistry
16:00 - 17:30	EE201 Signal and Systems	ATAS101 (1 Din. Subst.) ATAS102 (2 Yabancı Subst.) ENG101 (16.30-17.15)	EE407 Control Systems I	EE402 Antenna and Propagation	UNIVERSITY ELECTIVE COURSES	

PETROLEUM AND NATURAL GAS ENGINEERING (PETROLEUM ENGINEERING)						
Sat	08.11.2024	15.11.2024	22.11.2024	29.11.2024	06.12.2024	
08:30 - 10:00	PE201 Reservoir Fluid Properties	PE202 Reservoir Fluid Properties	CE201 Comp. Prog. and Applications 08:00-10:00	PE207 Statics and Strength of Materials	PE209 Probability and Statistics for Engineers	ENG401 Interdisciplinary Engineering Design Project
10:30 - 11:50	PE201 Engineering Fundamentals I	MAT201 Calculus I	PHY105 Physics I	PE208 Surface Production Operations	PE206 Drilling and Well Completion Engineering I	ES411 Occupational Health and Safety I
12:30 - 13:50	PE203 Drilling and Production Laboratory	PE207 Petroleum Production	PE202 Well Transfer	PE209 Mechanical Engineering	PE207 Fluid Mechanics	
14:30 - 15:40	PHY102 Physics II	PE204 Geotechnical/Energet. Eng.	PE205 Petroleum Engineering Design	MAT202 Calculus II	UNIVERSITY ELECTIVE COURSES	CEH303 General Chemistry
16:00 - 17:30	PE204 Drilling and Well Completion Engineering I	PE201 Numerical Methods in Engineering	ENG101 (16.30-17.15)	PE205 Well Logging	PE209 Geology of Oil and Gas	CEH303 General Chemistry

COMPUTER ENGINEERING (COMPUTER ENGINEERING)						
Sat	08.11.2024	15.11.2024	22.11.2024	29.11.2024	06.12.2024	
08:30 - 10:00	CE201 Circuits and Electronics	MAT205 Differential Equations	CE201 Discrete Mathematics for Computer Science	CE203 Object Oriented Programming	ENG401 Interdisciplinary Engineering Design Project	
10:30 - 11:50	ENG401 Information Security	MAT201 Calculus I	PHY105 Physics I	CE201 Algorithm and Programming	CE207 Mobile Application Development	ES411 Occupational Health and Safety I
12:30 - 13:50	MAT209 Linear Algebra	CE201 Machine Learning Fundamentals	CE201 Machine Learning Fundamentals		CE209 Design Patterns	
14:30 - 15:40	PHY102 Physics II	CE201 Intro. to Deep Learning	MAT202 Calculus II	UNIVERSITY ELECTIVE COURSES	UNIVERSITY ELECTIVE COURSES	CEH303 General Chemistry
16:00 - 17:30	CE202 Software Development I	ATAS101 (1 Din. Subst.) ATAS102 (2 Yabancı Subst.) ENG101 (16.30-17.15)	ENG101 (16.30-17.15)	CE205 Computer Networks	UNIVERSITY ELECTIVE COURSES	