

Study Programme at İzmir Kâtip Çelebi University			
Graduate School of Natural and Applied Sciences			
Course Code	Course Title	Semester	ECTS
MSE515	INTRODUCTION TO MATERIALS SCIENCE AND ENGINEERING	2016-2017 Spring	6
MSE519	BIOMEDICAL MATERIALS	2016-2017 Spring	6
MSE554	MECHANICAL PROPERTIES OF MATERIALS	2016-2017 Spring	6
MSE556	NANOTECHNOLOGICAL APPLICATIONS	2016-2017 Spring	6
MSE562	HIGH TEMPERATURE MATERIALS	2016-2017 Spring	6
MSE574	SURFACE COATING TECHNOLOGY	2016-2017 Spring	6
ME501	ADVANCED STRENGTH OF MATERIALS	2016-2017 Spring	6
ME504	MANUFACTURING PROCESSES OF POLYMER COMPOSITES	2016-2017 Spring	6
ME508	SYSTEM ANALYSIS AND SIMULATION	2016-2017 Spring	6
ME510	FINITE ELEMENTS METHOD	2016-2017 Spring	6
ME516	PRINCIPLES OF ADVANCED AUTOMATIC CONTROL SYSTEMS	2016-2017 Spring	6
ME524	COMPUTATIONAL FLUID DYNAMICS	2016-2017 Spring	6
UR522	URBAN SOCIAL GEOGRAPHY	2016-2017 Spring	6

UR601	URBAN REGENERATION AND CONSERVATION THEORIES AND PRACTICES	2016-2017 Spring	6
CE523	HYDRAULIC MODELS	2016-2017 Spring	6
CE542	EXPERIMENTAL TECHNIQUES OF CONCRETE ELEMENTS	2016-2017 Spring	6
CE554	SEDIMENT TRANSPORT IN OPEN CHANNELS AND PIPES	2016-2017 Spring	6
CE571	SOIL IMPROVEMENT	2016-2017 Spring	6
GE501	SATELLITE SURVEYING	2016-2017 Spring	6
GE502	THEMATIC CARTOGRAPHY	2016-2017 Spring	6
GE503	WEB CARTOGRAPHY	2016-2017 Spring	6
GE624	OPTIMIZATION PROBLEMS IN GEODESY	2016-2017 Spring	6
EEM506	ANTENNA ANALYSIS AND DESIGN	2016-2017 Spring	6
EEM507	ADVANCED ELECTROMAGNETIC WAVES	2016-2017 Spring	6
EEM518	DIGITAL IMAGE PROCESSING	2016-2017 Spring	6
BMT504	BIOMEDICAL IMAGE PROCESSING	2016-2017 Spring	6
BMT506	DATA ACQUISITION AND PROGRAMMING	2016-2017 Spring	6
BMT507	PRINCIPLES OF BIOSENSORS	2016-2017	6

		Spring	
BMT517	BIOMATERIALS	2016-2017 Spring	6
BMT526	BIOMIMETIC ROBOTICS	2016-2017 Spring	6
BMT531	MICROCONTROLLER-BASED EMBEDDED SYSTEMS	2016-2017 Spring	6
BMT540	ELECTROMAGNETISM	2016-2017 Spring	6
BMT546	ADVANCED TISSUE ENGINEERING	2016-2017 Spring	6
BMT547	BIOMEDICAL ENGINEERING APPROACH IN INFECTION CONTROL	2016-2017 Spring	6
BMT548	LASER-TISSUE INTERACTION	2016-2017 Spring	6
BMT551	NOVEL APPLICATIONS IN BIOMEDICAL OPTICS	2016-2017 Spring	6
NST501	INTRODUCTION TO NANOSCIENCE AND NANOTECHNOLOGY	2016-2017 Spring	6
NST503	NANOPHOTONICS	2016-2017 Spring	6
NST507	ELECTRICAL, OPTICAL AND MAGNETIC PROPERTIES OF MATERIALS	2016-2017 Spring	6
NST523	NANOBIOTECHNOLOGY	2016-2017 Spring	6
NST607	PRINCIPLES AND APPLICATIONS OF LASERS	2016-2017 Spring	6

ENE501	ENERGY ENGINEERING AND MANAGEMENT	2016-2017 Spring	6
ENE502	SUSTANIBLE ENERGY SYSTEMS	2016-2017 Spring	6
ENE506	WIND ENERGY PRINCIPLES	2016-2017 Spring	6
ENE512	GEOHERMAL DRILLING ENGINEERING	2016-2017 Spring	6
ENE520	ENERGY POLICY ANALYSIS	2016-2017 Spring	6
ENE521	ENERGY FORESIGHT	2016-2017 Spring	6
ENE522	ENERGY SYSTEMS ENGINEERING	2016-2017 Spring	6
ENE524	NANOTECHNOLOGY IN ENERGY AND ENVIRONMENT	2016-2017 Spring	6
ENE526	USE OF COMPOSITE MATERIALS FOR ENERGY INDUSTRY	2016-2017 Spring	6
NAS502.1	RESEARCH METHODS AND ETHICS	2016-2017 Spring	6