BURSA TECHNICAL UNIVERSITY

COURSES IN **ENGLISH** FOR ERASMUS+ INCOMING STUDENTS

Faculty	Department	Course Code	Course name	ECTS	Semester W: Winter S: Spring
Engineering and Natural Sciences	**Mechanical Engineering**	MECH0101	Introduction to Mechanical Engineering	5	W
		MECH0103	Introduction to Computer Programing	6	W
		MECH0201	Statics	5	W
		MECH0203	Thermodynamics I	5	W
		MECH0291	Computer Programming (C/C++)	3	W
		MECH0202	Strength of Materials	6	S
		MECH0204	Engineering Mechanics 2-Dynamics	5	S
		MECH0206	Thermodynamics II	5	S
		MECH0306	Manufacturing Methods	4	S
		MECH0360	Engineering Economics	3	S
		MECH0407	Computer Aided Engineering	3	S
		MECHT0502	Composite Materials	5	W
		MECHT0506	Introduction to Finite Element Method	5	W
		MECHT0507	Advanced Strenght of Materials	5	W
		MECHT0505	Computational Fluid Dynamics	5	S
		MECHT0516	Automotive Engineering	5	S
		MECHT0520	Predictive Maintanance	5	S
		MECHT0521	Fundamentals of Jet Propulsion Systems	5	S
		MECHT0522	Fundamentals of Biomechanics	5	S
		MECHT0523	Vehicle System Modeling	6	S