

ME402-404-406 Final Presentations Time Schedule**20.06.2025****ME402 Mechatronics System Design****Location: D07**

Team	Instructor	Project Title and Definition	Assigned students	Time Slot
TRACKER	Can Dede	Human-Machine Interface Design for a Laser Marking Robot System	Ferit Göçeri	09:15-09:35
			Taha Erim Çolak	
			Adnan Erdem Tepedüzü	
			Mehmet Emre Kılıç	
CurrentTech Labs	Serhan Özdemir	Design and Implementation of a Low Noise Constant Current Driver	Ali Baran Şur	09:35-09:55
			Ilhan Berkan Çilingir	
			Berk Erim	
OLIVETECH	Gökhan Kiper	Design of olive tree shaker with a deployable umbrella	Mahmut Şevket Köker	09:55-10:20
			Eren Canbolat	
			Oğuz Pınar	
			Batuhan Sülün	
			Samet Çağrı Aktürk	
Voltaris	Erdal Çetkin	Mechanical Design and Manufacturing of Electric Vehicle for Teknofest Efficiency Challenge	Harun Erbahayetmez	10:20-10:40
			Mustafa Ali Özdon	
			Berk Kutay Doğan	
			Abdullah Sami İşlek	
Nexo Shakers	Serhan Özdemir	Designing a Variable Stroke and Frequency Shaker for Fatigue Tests for Mechanical Parts	Ömer Arda Özdemir	10:40-10:55
			Deniz Arslan	

ME404 Thermal Fluid System Design**Location: A02**

Team	Instructor	Project Title and Definition	Assigned students	Time Slot
Team Infrared	Ünver Özkol	Optimization of Energy Efficiency in Electric Hi-Light Heater Hobs	Yusuf Can Ataç	09:30-09:45
			Deniz Ege Ertaş	
Ice Breath Group	Ünver Özkol	Cooling of Low-Pressure Aluminum Casting Molds by High-Speed Air Jets	Tunç Güreşçi	09:45-10:05
			Çağın Yıldırım	
			Mustafa Gökhan Çay	
			Sezer Özbek	
Cool Channels	Ünver Özkol	Cooling of Low-Pressure Aluminum Casting Molds by Conformal Cooling Channels	Eren Tekin	10:05-10:25
			Erdin Yılmaz	
			Erol Karayılan	
Heat Sink	Kasım Toprak	Experimental investigation on the thermal performance of a heat sink	Mert Çetindağ	10:25-10:45
			Hüseyin Kuş	
			Furkan Cem Akın	
PitoTap	Ünver Özkol	Flow Metering in the High Pressure Hot Water Pipe	Taha Bilgehan Cici	10:45-11:00
			Orkun Karataş	

ME406 Manufacturing and Materials Design**Location: D02**

Team	Instructor	Project Title and Definition	Assigned students	Time Slot
ABF	Alper Taşdemirci	Design and manufacturing of energy absorbing structures for battery protection	Ahmet Can Doğumlubay	09:30-09:50
			Furkan Kuşku	
			Batuhan Odyakmaz	
Grup Kumpas	Büşra Karaş	Development and optimization of an electro-polishing system for enhanced metal surface characterization	Rüzgar Umur Şahin	09:50-10:05
			Mehmet Can Akpınar	
Trobotics Solutions	Sinan Kandemir	Design and fabrication of a device to study fatigue corrosion behaviour under simulated body conditions	Deniz Yigit	10:05-10:20
			Simay Koyunoğlu	
BLUT	Benay Uzer	Development of a portable device for rapid insect bite relief	Yasar Emin Seferinoglu	10:20-10:35
			Ahmet Ali Yalçın	
CastLogic	Benay Uzer	Investigating the effect of material used in casting process on the quality of valves	Alperen Çaylak	10:35-10:55
			Emircan Göral	
			Hüseyin Can Ökmen	
			Hasan Ayberk Baydar	
OSSEOFIX	Benay Uzer/Şenay Mihçin	Design & Manufacturing of a bone plate screw manufactured by SLM 316L Stainless steel	Asım Sallıo	10:55-11:15
			Vasıf Taşpınar	
			Rabia Akel	
Team Phoenix	Halil Tetik	Development of an experimental setup and determination of optimum printing parameters for direct-ink-writing of soft elastomers	Atalay Konuk	11:15-11:40
			Ege Gökteş	
			Azize Arslan	
			İrem İlgin	
			Ahmet Hakan Tüzen	
Aegis	Mustafa Güden	SiC Armors with Pulverized Ceramic Cover Front	Zehra Doğa Dağlı	11:40-11:55
			Sebahattin Utku Özkan	