

EE 490 and BME 490 Project Presentation Schedule: June 8, 2018 Sile Campus**DMF 101: 09.00-12.00**

Project Topic	Students
Speech Compression Algorithms: CELP vs LPC	Adem Şerif Çalış
Compression of The ECG Signals	Pelin İlbaş
	Deniz Gerekçil
Supercapacitor Technology and Its Applications	Mehmet Orkun Erşen
	Enis Güreşoğlu
Posture Awareness System	Gamze Teoman
3D Printer Open Source Prusa I3+Full steel 3D-Printer Design	Yasin Güleç
Patient Data Acquisition System	Necip Ayhan Tertemiz
	Onur Çalışkan
A Systematic Procedure for Speech Compression	Erdem Berkay Başçura

DMF 102: 09.00-12.00

Project Topic	Students
Urban Classification and 3-D Reconstruction from UAV Images	Utku Can Ekici
Gesture Controlled Robot	Tarık Öztel
Machine Learning for Brain MRI/CT Scan Analysis	İrem GÜMÜŞ
Artificial Intelligence and Machine Learning in Intensive Care Unit Patients	Bahar Çıtır
	Tuğçe Aktaş
Dose Optimization in Mammography Device	Çağlasu Eki
EEG Association with X-Ray Images for Copd Patient	Ramazan Burak Tarhan

DMF 103: 09.00-12.00

Project Topic	Students
Usage of Magnetic Nanoparticles in Controlled Drug Release Studies	Zeynep Zeybek
	İlgın Bozacı
Surface Modification of Chitosan Based Microspheres to Improve Osteingration Properties	Yeliz Erşan
Modelling and Simulation of The Musculoskeletal Systems of The Healthy Subjects and Patients with Loss of Gait Function	Merve Eda Dikkaya
Specific Signal Generation From Biomedical Online Data with Application	Uğurhan Cem Barlas
	Şahin Denizci
EMG Signal Analysis in the Control of the Myoelectric Prothesis	Burak Başara
	Nazlı Roman
Can lens autofluorescence data be used for public health monitoring? A statistical analysis	Esra Diren
	Ezgi Gülçiçeği