

ME 407 Innovative Engineering Analysis and Design Project Selection Proposal Form

Name and Surname:

Student No:

CUMGPA:

Signature:

Project name	Order of Preference
Design of a Test Setup that can measure frictional torque of different kinds of bearings under controlled parameters - Sponsored by ORS. (T. Akyürek)	
Design and Test of a Rotational Viscometer (H. Türkoğlu)	
Innovative Gate Design for Physical Security - Sponsored by OPTIMA Security Systems. (H. Tanrıöver)	
Computer Controlled Material Mixing System Design - Sponsored by NA-ME (H.Tanrıöver veya T. Akyürek)	
Rolling Machine Design for Metal Bending - Sponsored by Cematek Metalworking Machinery. (H.Tanrıöver veya T. Akyürek)	
Design of a Syringe Pump with Temperature Control for Microfluidic Systems. (E. Yıldırım)	
Design of a Contact Angle Goniometer to Determine Contact Angle of Various Liquids on Solid Substrates. (E. Yıldırım)	
Design and performance analysis of a solar parabolic trough collector with a tracking mechanism. (E. Özgirgin)	
Design and performance analysis of an evacuated tube solar collector using different nanofluids as working fluid. (E. Özgirgin)	

Each student must rank all of the above 9 projects in the order of his/her preference.

After the placements, if any project group will be less than three students, the project will be cancelled.

You should submit this form before 03.10.2016, Monday, 12:00 to Prof. Dr. Kemal İder (LA01) or Asst. Prof. Dr. Ender Yıldırım (LA14) or Asst. Prof. Dr. Ekin Özgirgin Yapıcı (LA08).