Project 1
MECH 491 – Mechanical Engineering Design I - Project Description

Project Topic: A corrosion fatigue experiment setup design

Project Description: It is required for the students to design a setup where cyclic bending loading is applied to metallic specimens in aqueous environment for corrosion fatigue testing.

Student Requirements: Senior students are expected to work in groups of 2-3 people for each project topic.

Project Advisor: Assist. Prof. Dr. Demircan Canadinç

Application: Interested students should contact Mine Toker (minetoker@ku.edu.tr) indicating their current GPAs and the letter grades they got from the courses: MECH 202 Engineering Materials, MECH 303 Machine Design and MECH 306 Manufacturing Processes.

Project 2
MECH 491 – Mechanical Engineering Design I - Project Description

Project Topic: A deformation setup design for testing of small scale metallic materials

Project Description: It is required for the students to design a setup that can perform force and displacement measurements for various deformation cases applied to small scale metallic materials.

Student Requirements: Senior students are expected to work in groups of 2-3 people for each project topic.

Project Advisor: Assist. Prof. Dr. Demircan Canadinç

Application: Interested students should contact Mine Toker (minetoker@ku.edu.tr) indicating their current GPAs and the letter grades they got from the courses: MECH 202 Engineering Materials, MECH 303 Machine Design and MECH 306 Manufacturing Processes.