

SPRING and SUMMER 2012 KOLT TEACHING INNOVATION GRANT RECIPIENTS

Instructor	Course Name	College / Department	Objective of the Teaching Innovation Initiative	Required Resources	Grant (TL)
Melis Şerefoğlu	ME 452 Selection of Materials and Manufacturing Processes	CE Mechanical Engineering	To show some videos, do some demonstrations both in the classroom and in laboratories to make the students familiar with various microstructures, materials, characterization techniques, processing techniques, effects of processing technique on materials properties as well as to give them some hands on experience.	Materials for doing different demos	3500
Kerem Pekkan	MECH 466 Biomimetic Engineering Design and Analysis	CE Mechanical Engineering	To provide hands-on opportunities for engineering students through biological field trips so that they can observe nature, practice biological principles and gather bioinspired mechanical design data.	Software (Adina) Invited faculty lecturers Transportation	3500
Alphan Sennaroğlu	PHYS 122 Physics for Health Sciences	CS Physics	To introduce classroom demonstrations to stimulate the students' interest and motivation in the course material by improving their understanding of the physical concepts and thus their achievement.	Lab materials	3500
Alper Kiraz	PHYS 206 General Physics 4	CS Physics	To introduce the telescope project and classroom demonstrations to improve the interaction between students in the learning process and thus raise their motivation.	Lab materials	3500
Fuat Balcı	PSYC 100 Introduction to Psychology	CSSH Psychology	To provide the means for students to “learn by experimenting” and a chance to observe the fundamental principles of learning in person.	Units/pieces required for the construction and maintaining of “Operant Fish Tank”	3469
Pınar Özbek	ALIS 100 Academic Life Skills	ALIS Dean of Students	To attend “ <i>International Conference on Education and New Learning Technologies</i> ” in Barcelona, Spain.	Conference fee and other relevant costs	3500