Eastern Mediterranean University

Introduction to Mechanical Engineering–MENG 190
Course Outline
Department: Mechanical Engineering
Spring 2018/2019

Program Name: Mechanical Engineering ***Program Code:23***
Course Name: Meng 190- Introductıon to Mechanical Engineering
Credits:1 Cr
Assistant :Görkem OZANKAYA

Topics Covered

1-Introduction to Mechanical Engineering

2-Introduction to Renewable Energy

3-Thermodynamics

4-Biomechanics

5-Manufacturing Technology,Materials and Structure

6-Solar Energy Applications

Evaluation Strategy

1- **Attendance (%15)**
   Every Student must attend the class regularly in order to get attendance percentage full.

2- **Midterm (%25)**
   The topics for midterm will be announced during the class hours.

3- **Project (%30)**
   Project must be submitted individually on the date of Final exam day which will be announced later

<u>Project Topics Covered</u>

1-Large Hadron Collider, Border of France and Switzerland
2-The Three Gorges Dam, China
3-Gotthard Base Tunnel, Switzerland to Italy
4-Andasol Solar Plant, Spain
5-T30 Hotel, China
6-Crossrail, London
7-The Marmaray Project, Turkey
8-Masdar City, Abu Dhabi
9-Eko Atlantic City, Nigeria
10-TOP 10 REMARKABLE ENGINEERS OF ALL TIME (Especially Mechanical Engineering)
***** #10 is compulsory task for all students to do it and must be placed in the project as a closing remark.**

Project Format

1-It is required to put cover page including university amblem,ID of the student ,name and surname as well
2-The homework must be individual work of each student
3-The project itself must represent student's special interest not taking copy –paste from the internet.

4- Final(%30)

Likewise,midterm final topics will be announced during the class hours