

Aerospace Engineering **Division:**
Level and Major: BSc. Aerospace Eng

Course Title: Research Method & Report Writings **Number of Credits: 2**
Prerequisite: 4th semester
Lecturer: Dr. Ali Madadi

Course Description:

In this course, the students learn how to do research, write a report, and present a short lecture. Also, they become familiar with the journal and conference papers.

Course Goals and Objectives:

Being familiar with doing research, preparing a report, preparing a paper and oral presentation

Course Topics:

- Introduction to research
- Steps of a research
- Preparing a report
- Writing instructions
- Writing an article
- Oral presentation
- Scientific ethics

The course aims to:

The student can select the subject and do research. Then, prepare a technical report and present a short lecture.

Reading Resources:

- Ashby, M., “How to Write a Paper,” Engineering Department, University of Cambridge, 2000
- “How to Write a World-Class Paper,” Elsevier Author Workshop, 2009
Prog Clin Biol Res. 1989;319:663-4. How to give a scientific talk., New York., PMID: 2622932 [PubMed - indexed for MEDLINE]

Evaluation:

Oral presentation 40%
Writing a report 40%
Final exam 10%
Exercises 10%