



İSTANBUL  
GELİŞİM  
ÜNİVERSİTESİ

**DEPARTMENT OF AERONAUTICAL  
ENGINEERING  
Summer Internship I - Content**

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## Summer Internship I

The subject of Summer Internship I, held at the end of the **second grade**, is the work areas where design, analysis, production and maintenance activities related to machinery and/or aircraft are carried out. The purpose of this internship is for the student to get to know the design and production environment and techniques, to understand the functions and structuring of the business, and to make observations and gain experience about working life by actually taking part in such an environment.

Accordingly, the work expected from the students during the internship should cover the answers to the following questions:

- 1) Collection and presentation of the following information about the company where the internship was done:
  - a) Company name and address,
  - b) A brief history of the company explaining its development,
  - c) The vision, mission and purpose of the company,
  - d) General organizational chart,
- 2) Specifying the company's areas of activity,
- 3) Discussion of the situation of the company's sector in the national economy and its relations with related sectors,
- 4) Drawing the layout of the facilities and/or hangars,
- 5) Examination and explanation of basic manufacturing or workshop processes and operations,
- 6) Examination and explanation of the software used in the company,
- 7) Examination and explanation of basic production and/or maintenance processes,
- 8) Examination and explanation of measures for occupational safety and occupational ergonomics at the factory or workplace (Factors such as lighting, ventilation, heating, noise and humidity, working positions that occur when standing, sitting, moving and loading, tiredness and tension due to production speed, regulation of working and resting times, etc.),
- 9) As a result, making a general evaluation of the internship and stating the contributions of this internship to the intern in Aeronautical Engineering education.