



TED UNIVERSITY

Faculty of Engineering

Department of Computer Engineering

CMPE 399 (or 499) – Summer Training I (or II) Report

STUDENT NAME: (The name of the student)

COMPANY NAME: (The name of the company where the internship was held)

SUPERVISOR: (Title and name of the supervisor in the company)

INTERNSHIP DATES: (From dd/mm/yyyy To dd/mm/yyyy)

REPORT SUBMISSION DATE:

*** This report template aims to help the students prepare their summer internship report for the CMPE 399/499 – Summer Practice I/II course. The students are required to follow the exact formatting of page setup, page, section, and subsection numbering, referencing, tables, and figures as given in this template. The grading of this report will be both over style and content. This report must be submitted according to the announced dates.

1 Table of Contents

2	INTRODUCTION.....	3
2.1	Overall Goal	3
2.2	Expected Learning Outcomes (LOs)	3
3	COMPANY INFORMATION	4
3.1	General	4
3.1.1	Historical background	4
3.1.2	Engineering Units.....	4
3.2	Products and Services	4
3.3	Work Environment.....	4
4	Assigned Tasks and Projects	5
4.1	Problem Definition	5
4.2	Knowledge Integration	5
4.2.1	Knowledge Integration with Course Work	5
4.2.2	Learned Tools and Technologies	5
4.2.3	Self Learning	5
4.3	Work Plan and Timeline	5
4.4	Implementation	6
4.4.1	Literature review and Data Collection	6
4.4.2	Implementation	6
4.5	Evaluation & Impact Analysis.....	6
5	Conclusions & Recommendations	7
6	References	8

2 INTRODUCTION

The scope and goals of the summer practice should be summarized in this section. A summary of the work accomplished, the motivation behind it, and the significance of the work in the overall project should be included in this section.

2.1 Overall Goal

This part explains the overall goal with a simple, clear, brief, positive, and correctly written statement, that describes the "big-picture" idea of why the student is interested to have training, what he wants to focus on, and what he needs to accomplish.

2.2 Expected Learning Outcomes (LOs)

This part states three or more correctly written learning outcomes that describe specific, measurable, and realistic achievements to accomplish during the training experience. They relate to the job, represent the job functions and duties, assist in professional growth and development, relate to the student's course of study or major, and help to reach the overall goal of student's training experience. Please be aware that this section should rely not only the written Course Learning Outcomes shown in Figure 1 on but also your own expectations from this summer practice.

Course Learning Outcomes⁷	Upon successful completion of this course, students will be able to: 1. Explain the key elements of working environments in real-life Computer Engineering organizations 2. Demonstrate skills of communication with technical and non-technical people in real-life organizations. 3. Analyze current trends and developments in their fields, showcasing the ability to adapt to the dynamic environment 4. Recognize social, ethical, and cultural responsibilities. 5. Construct feasible solutions to real-life engineering applications, in line with social and ethical constraints. 6. Demonstrate skills of awareness of economy, environmental issues, zero carbon emissions, life cycle cost, reuse of resources, sustainability, manufacturability, ethics, health, security, social, legal and political dimensions in engineering design processes.
---	--

FIGURE 1: Course Learning Outcomes taken from course syllabus [1].

3 COMPANY INFORMATION

This section includes general information about the company together with products and services it provides and the work environment that the student worked in.

3.1 General

State the name and address of the company along with the name, background and contact information of the supervisor.

3.1.1 Historical background

Write the focus areas, mission and short description of the company/ establishment history.

3.1.2 Engineering Units

Engineering units are described in detail with their functions and organizational structure.

3.2 Products and Services

Products and services of the company are summarized here.

3.3 Work Environment

Physical conditions of the work environment, number of people working can be given here. (For example: As can be seen in Figure 2 there are desks reserved for interns in an open office setting.)

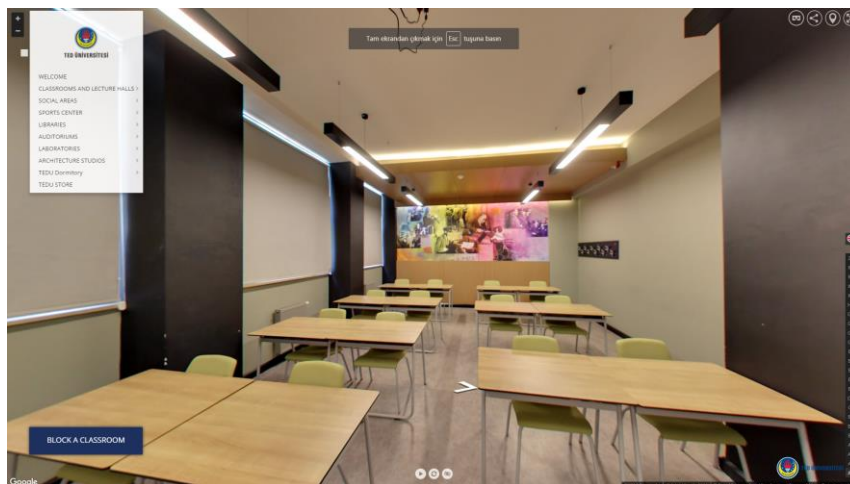


FIGURE 2: An example picture of the work environment.¹

¹ Please refer to the figures by their number (i.e., please see Figure 1 or “as explained in Fig. 1”). Do not refer to figures as “the figure below” or “the figure above.” Referring to your figures is mandatory. Place the figure close as possible to the part of text referencing it. Centre the image.

4 Assigned Tasks and Projects

This section is the most important part of the report and must include details of the internship.

4.1 Problem Definition

The nature of the activities carried out by the department(s) or unit(s) where the major part of the training experience took place, is clearly described in this section. Whether the function of the department is design, maintenance, R&D, project management, or anything else, the student should be able to relate it to the activities of the whole company / establishment.

4.2 Knowledge Integration

This section explains the details of the knowledge integration with course work, learned tools and technologies together with the self learning of the student.

4.2.1 Knowledge Integration with Course Work

Explain the relationship of the work you performed during the internship and the course work in this section.

4.2.2 Learned Tools and Technologies

Explain the learned tools and technologies during the internship and how they are used.

4.2.3 Self Learning

Explain the learning process during the internship, also include the references of these.

4.3 Work Plan and Timeline

Explain your work plan and the tasks here. Tables must be referred properly. Table 1 shows a sample work plan but it might differ depending on your problem. Here you can also create the corresponding Gantt Chart for Table 1 and refer to it. Figure 3 shows the Gantt chart of Table 1.

Task 1: Explain the task in detail, what you have accomplished, what outputs you produced,

Task 2: ...

...

Task	Start	End	Duration
Task 1	dd.mm.yyyy	dd.mm.yyyy	1 week
Task 2	dd.mm.yyyy	dd.mm.yyyy	1 week
Task 3	dd.mm.yyyy	dd.mm.yyyy	1 week
Task 4	dd.mm.yyyy	dd.mm.yyyy	1 week

TABLE 1: A sample work plan.

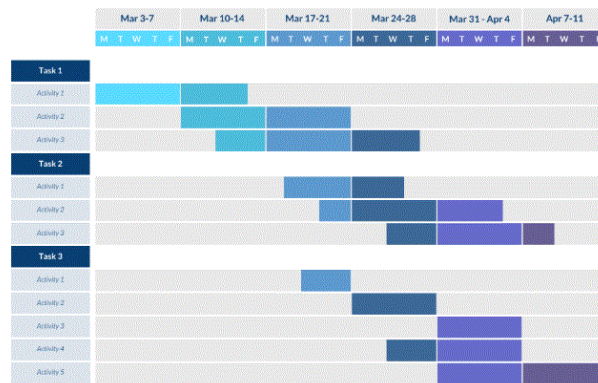


FIGURE 3: Gantt Chart of the work plan in Table 1.

4.4 Implementation

This section discusses the actual implementation details together with corresponding literature review and data collection.

4.4.1 Literature review and Data Collection

If the problem needed any literature review and/or data collection, explain the details in this part, do not forget to include the resources in the references section. Explain the data collection process and methods used.

4.4.2 Implementation

Give details of any software/hardware implementation, do not include all of the code. Explain the key areas you focused and main components without giving any proprietary detail. (If you have an NDA - nondisclosure agreement, make sure that report gives information enough that you have worked on a problem. You can give a sample/test version before working on the actual solution.)

4.5 Evaluation & Impact Analysis

Include an evaluation of your product and explain the impact that you have created during your internship work.

5 Conclusions & Recommendations

Achievement of expected LOs , recommendations to enhance future training in this company together with *ethical issues* and finally the recommendations to enhance future training of TEDU engineering students are discussed in this section. Also you can include a comment in which you explain specifically what you have learned or understood about the economic, environmental, societal, and global impact of the engineering solutions in the projects developed at your company. You can discuss within the context of the United Nations Sustainable Development Goals given in Figure 4. You can either use separate subsections or you can mention all subtopics in a single section.

The Sustainable Development Goals in Türkiye

The Sustainable Development Goals are a global call to action to end poverty, protect the earth's environment and climate, and ensure that people everywhere can enjoy peace and prosperity. These are the goals the UN is working on in Türkiye:



FIGURE 4: Sustainable Development Goals [2].

6 References

When a reference, such as a book, handbook, report, journal, conference paper, or any other document is cited in the text, it should be properly listed in this References section. Use the [IEEE Citation Reference](#) format.

[1]	Course Syllabus – Learning Outcomes, Access date: 2025, August 22 https://www.tedu.edu.tr/sap-course-1429210918J .
[2]	Our Work on the Sustainable Development Goals in Türkiye, Access date: 2025, November 4 https://turkiye.un.org/en/sdgs
[x]	EXAMPLE Book reference: K. Author, “Title of chapter in the book,” in <i>Title of His Published Book</i> , xth ed. City of Publisher, Country if not USA: Abbrev. of Publisher, year, ch. x, sec. x, pp. xx–xx.