

Computer Engineering Industrial Training



Agenda

- Objective
- Industrial Training Committee
- Prerequisites
- Scope and Working Area
- Industrial Training Procedure
 - Pre Training
 - During Training
 - Post Training
- Summary
- Q&A

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Objective

Students must complete 2 Industrial Trainings:

- COM 299 Industrial Training I
- COM 399 Industrial Training II

Objective of this presentation is to explain Industrial Training Procedure to presumptive nominee by regarding three phases :

- Pre Training
- During Training
- Post Training

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Industrial Training Committee

- Coordinator:
Instructor Gökhan AKYOL
Office: D-220
- Assistant:
Res.Asst.Arzum KARATAŞ
Office : D-212
- Assistant:
Res.Asst. Serhan Can ÖZGÜN
Office: D-220
- Guidelines:
<http://mmf.gediz.edu.tr/detail/208201365916663/635/855>

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Prerequisites

for COM 299 Industrial Training I:

2 prerequisites:

- At the time you would like to register for COM 299 course, you have to be a 3rd year student. (Prior to your COM 299 registration, you should have **at least 4 semesters** with **CGPA** equal to **1.80** or **higher**)
- You should have **passing grades** from **half of the COM/EEE courses** given in the **second year**.

Prerequisites(cont.)

for COM 399 Industrial Training II:

2 prerequisites.

- At the time you would like to register for COM 399 course, you have to be a 4th year student. (Prior to your COM 399 registration, you should have **at least 6 semesters** with **CGPA** equal to **1.80** or **higher**)
- You should have **passing grades** from **half of the COM courses** given in the **third year**.

Prerequisites(cont.)

- Transfer students are exempt from CGPA prerequisite.
- COM 299 and COM 399 are normally to be done after the completion of second and third years, respectively, **in different firms or institutions.**
- Two Industrial Trainings **cannot** be on the same department at the same company. Under some circumstances 20 + 20 days of Industrial Training can be allowed. In this situation, you will submit 2 reports one for COM 299 and one for COM 399.
- Each practice is to be at least **20 working days.** Training should be done 20 official working days (**Monday – Friday**) which makes 4 weeks. If you also work on Saturday, that would be additional. But you have to complete 20 working days.

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Scope and Working Area

Scope of the Training:

"The main objective of the Training is to provide the students with practical, technological, as well as managerial experience through personal contact in engineering and industrial organizations". Therefore training at universities or at the scientific research labs is generally not acceptable. It has to be completed at a company or a research *and* product development institute.

Scope and Working Area(cont.)

The training **must be done** in a company that is:

- working on fundamental areas of Computer Engineering or Information Sciences
 - software development companies,
 - data processing centers,
 - hardware manufacturers
 - data communication companies.

Scope and Working Area(cont.)

- using computer-based systems for their business-oriented purposes
 - organizations using computer automation in the manufacturing process
 - organizations using computer aided design and e-commerce technology
- The training must be supervised by a **computer engineer** (or a person holding a similar degree, subject to the approval of the advisor of the student).

Scope and Working Area(cont.)

- The training cannot comprise only of the learning of a system or application; it must also contain the development of a system or application. The applications can be on one of the following topics, as well as on other topics which will be found suitable by the Department.
 - System Analysis and Design
 - Software Design and Development
 - Database and Knowledge Base Applications
 - Microprocessor-Based System Design and Applications
 - Computer Network Applications
 - Computer-Aided Design and Manufacturing Applications

Scope and Working Area(cont.)

Industrial Training Abroad:

You can have your Industrial Training through the **Erasmus program**. Please examine Erasmus office web page for details. Short duration training conducted through this program counts for either COM 299 or COM 399 course. Longer practices may be used to fulfill both COM 299 and COM 399 requirements.

Scope and Working Area(cont.)

The training **cannot be done** in a company that is:

- small repair workshops (even if it employs a computer engineer)
- the software companies dealing only with commercial and economic business

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Industrial Training Procedure

Pre-Training Phase:

It is the student's responsibility to find a company for the Industrial Training.

However, the department can help students as much as possible by sharing some company informations preferred our students before.

However, there is **no matching process.**

Industrial Training Procedure(cont.)

Pre-Training Phase (cont.):

1- Students will find a company to do their internships.

2- Students enter the **'Staj İşlemleri'** System from MyGediz and complete their application.

(System probably will be open until **August 2015**)

3- Students print out **'Industrial Training Application Form'** and make the form signed by the Department and of the Firm.

Industrial Training Procedure(cont.)

During-Training Phase :

- Be active, enthusiastic, motivated, and energetic.
- Work hard.
- Be pro-active. Do not wait for somebody to tell you what to do.
- Try to plan your time and what you expect from summer training week by week.
- Keep a daily / weekly record of the progress of your training.

Industrial Training Procedure(cont.)

During-Training Phase (cont.)

We highly recommend you write your report during your training period because you should include detailed information about the practical/technical/theoretical practices.

You may forget many useful information, experience if you don't write it down during your training. You **have to** submit your training report **no later than the 4th week of the term** to which you registered for your industrial training.

Industrial Training Procedure(cont.)

Post-Training Phase :

1. If the Industrial Training Report is not written during training, it is written according to the template in the department's site.
2. Students submit their training report as a **soft copy until the 4th week** after they registered for the industrial training course(s).

Note report submission address will be announced later!

Industrial Training Procedure(cont.)

Post-Training Phase :

After this point, students finish the Industrial Training Process.

- There is **no presentation** for your work **unless** the committee say the opposite of it.
- The **committee members** will **evaluate** your reports.
- Progress (P) grade is removed.

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Summary

- Compulsory 2 courses
- Some prerequisites ..
- Some company selection criteria ..
- Three phases of the process : pre-training, during-training and post-training.
- There is no matching process.
- There is no presentation.
- **The committee members will evaluate your reports.**
- No P(progress) grade. Students only can take S(Successful) or U(Unsuccessful).



QUESTIONS
And
Answers



Thank
You

