

Graduation Study

Syllabus Number

2I401

Basic Major Subjects

Requisites 6 credit

Each Staff

1. Course Description

Objective of this course is to acquire the preparation for engineer and researcher. Students will make research plans, review literatures, conduct research and analyze the results. With the guidance by teachers, the research in the specific area will be carried out for one year. The goal of this course is to get the abilities listed in the diploma policy of the department.

2. Course Objectives

Students are allocated in research laboratories, and the research is conducted individually or in a group. They carry out experiments, analysis, and investigation under the supervision of teachers of the laboratory. They join laboratory research meetings, deepen their own knowledge in the specific area and exchange opinions about their research results. In the end, each student puts together the results to his/her graduation thesis and delivers an oral presentation in the department meeting.

3. Grading Policy

The supervisors in each laboratory evaluate the graduation research (50%) and the degree of achievement (50%), based on which they will make a final evaluation at the academic meeting. Guide your research with feedback throughout the teaching process.

4. Textbook and Reference

Textbook

It is instructed by the supervisor in each laboratory.

5. Requirements(Assignments)

Follow the instructions of your supervisor.

6. Note

Graduation study is a year-round subject. Therefore, in the case of a failure, it is necessary to take another year in the next fiscal year.

7. Schedule

Assignment of laboratory and decision of graduation research theme.

Activities in the laboratory

- Understand the graduation research theme through study sessions, literature research, etc.
- Learn the methods (experimental method, analysis method, survey method) for problem solution.
- Experiment, analysis and investigation on research theme.
- Analyze the data obtained and examine and consider.
- Organize and logically describe the knowledge acquired and the research results obtained.

Compilation and submission of graduation thesis

- Summarize and submit the contents of graduation research as a graduation thesis.

Graduation research presentation

- Oral presentation will be given at the graduation research presentation and discussed.