# ÇANKAYA UNIVERSITY
# Graduate School of Natural and Applied Sciences
## New Course Proposal Form

This form should be used for either an elective or a compulsory course being proposed and curricula development processes for a graduate curriculum at Çankaya University, Graduate School of Natural and Applied Sciences. Please fill in the form completely and submit the printed copy containing the approval of the Director of Institute. Upon the receipt of the form, it will be forwarded to the Academic Board for approval. Incomplete forms will be returned to the Department. The approved form is finally sent to the President's office for approval by the Senate.

### Part I. Basic Course Information

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Department Name** | MECHANICAL ENGINEERING | | | | | **Dept. Numeric Code** | 8 7 |
| **Course Code** | M E 5 9 0 | **Number of Weekly Lecture Hours** | 0 | **Number of Weekly Lab/Tutorial Hours** | 0 | **Number of Credit Hours** | 0 |
| **Course Web Site** | http:// me590.cankaya.edu.tr | | | | | **ECTS Credit** | 0 7.5 |

| **Course Name** *This information will appear in the printed catalogs and on the web online catalog.* | |
|---|---|
| English Name | Seminar |
| Turkish Name | Seminer |

**Course Description**
*Provide a brief overview of what is covered during the semester. This information will appear in the printed catalogs and on the web online catalog. Maximum 60 words.*

Thesis students prepare a seminar project under his/her supervisors supervision and at the end of the semester they present this seminar to a jury of three instructors including his/her supervisor.

| | | | | |
|---|---|---|---|---|
| **Prerequisites** (if any) *Give course codes and check all that are applicable.* | 1st | 2nd | 3rd | 4th |
| | ☐ Consent of the Instructor | ☐ Senior Standing | ☐ Give others, if any. | |
| **Co-requisites** (if any) | 1st | 2nd | 3rd | 4th |
| **Course Type** *Check all that are applicable* | ☒ Must course for dept. | ☐ Must course for other dept.(s) | ☐ Elective course for dept. | ☐ Elective course for other dept.(s) |

**Course Classification**
*Give the appropriate percentages for each category.*

| Category | Mathematics & Natural Sciences | Engineering Sciences | Engineering Design | General Education | Other |
|---|---|---|---|---|---|
| Percentage | 30 | 50 | 20 | | |

## Part II. Detailed Course Information

**Course Objectives**
*Explain the aims of the course. Maximum 100 words.*

To teach the student how to prepare and give a seminar with importance to literature survey preparation regarding his thesis subject.

**Learning Outcomes**
*Explain the learning outcomes of the course. Maximum 10 items.*

1. Learn the methods to prepare a presentation project.
2. Learn the methods to search literature, prepare a literature survey.
3. Learn how to make an effective presentation.

**Textbook**(s)
*List the textbook(s), if any, and other related main course materials.*

| Author(s) | Title | Publisher | Publication Year | ISBN |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |

**Reference Book**s
*List the reference books as supplementary materials, if any.*

| Author(s) | Title | Publisher | Publication Year | ISBN |
|---|---|---|---|---|
| | | | | |
| | | | | |

**Teaching Policy**
*Explain how you will organize the course (lectures, laboratories, tutorials, studio work, seminars, etc.)*

Students will meet with his/her supervisor on the weekly basis and work together to prepare the presentation.

**Laboratory/Studio Work**
*Give the number of laboratory/studio hours required per week, if any, to do supervised laboratory/studio work, and list the names of the laboratories/studios in which these sessions will be conducted.*

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**Computer Usage**
*Briefly describe the computer usage and the hardware/software requirements in the course.*

**Course Outline**
*List the topics covered within each week.*

| Week | Topic(s) |
|---|---|
| 1 | |
| 2 | |
| 3 | |
| 4 | |
| 5 | |
| 6 | |
| 7 | |
| 8 | |
| 9 | |
| 10 | |
| 11 | |
| 12 | |
| 13 | |
| 14 | |

**Grading Policy**
*List the assessment tools and their percentages that may give an idea about their relative importance to the end-of-semester grade.*

| Assessment Tool | Quantity | Percentage | Assessment Tool | Quantity | Percentage | Assessment Tool | Quantity | Percentage |
|---|---|---|---|---|---|---|---|---|
| Homework | | | Case Study | | | Attendance | | |
| Quiz | | | Lab Work | | | Field Study | | |
| Midterm Exam | | | Class Participation | | | Project | | |
| Term Paper | | | Oral Presentation | 1 | 100 | Final Exam | | |

**ECTS Workload**
*List all the activities considered under the ECTS.*

| Activity | Quantity | Duration (hours) | Total Workload (hours) |
|---|---|---|---|
| Attending Lectures (*weekly basis*) | | | |
| Attending Labs/Recitations (*weekly basis*) | | | |
| Preparation beforehand and finalizing of notes (*weekly basis*) | 14 | 2 | 28 |
| Collection and selection of relevant material (*once*) | 14 | 2 | 28 |
| Self-study of relevant material (*weekly basis*) | 14 | 6 | 84 |
| Homework assignments | | | |
| Preparation for Quizzes | | | |
| Preparation for Midterm Exams (*including the duration of the exams*) | | | |
| Preparation of Term Paper/Case Study Report (*including oral presentation*) | | | |
| Preparation of Term Project/Field Study Report (*including oral presentation*) | 1 | 48 | 48 |
| Preparation for Final Exam (*including the duration of the exam*) | | | |
| | | TOTAL WORKLOAD / 25 | 188/25 |
| | | **ECTS Credit** | **7.5** |

*Total Workloads are calculated automatically by formulas. To update all the formulas in the document first press CTRL+A and then press F9.*

**Program Qualifications vs. Learning Outcomes**

*Consider the below program qualifications determined in terms of learning outcomes of all the courses in the curriculum and capabilities. Look at the learning outcomes of this course given above. Relate these two using the Likert Scale by marking with X in one of the five choices at the right..*

| No | Program Qualifications | Contribution | | | | |
|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 |
| 1 | Knowledge about the basic science, mathematics and engineering sciences at high level. | | | X | | |
| 2 | In depth knowledge, in his/her area of research including the latest development in the related area. | | | X | | |
| 3 | Ability to reach the recent information in his/her research area and has the highest level of proficiency in the methods and skills necessary to do the research. | | | | X | |
| 4 | Ability to perform comprehensive studies to develop a new scientific method that bring about novelty to science or technology or a technological product/process, or to apply a known method to a new field. | X | | | | |
| 5 | Ability to perceive, design, practice and bring to completion an original research process independently; manage this process. | X | | | | |
| 6 | Ability to work in teams and independently, and to lead a team; cooperate and collaborate with experts in the field. | X | | | | |
| 7 | Contribution to scientific and technological literature by publishing the output of his/her academic studies in respected academic media. | X | | | | |
| 8 | Ability to carry out cutting edge research and gather data, and transmit the results of researches to the community, with scientific objectivity and ethical responsibility. | X | | | | |
| 9 | Ability to perform critical analysis, synthesis and evaluation of the ideas and developments in his/her profession. | | X | | | |
| 10 | Ability to communicate with scientific and social communities in written and verbal form effectively; ability to establish written, verbal and visual communication and discussion in a foreign language at least at level C1 of the European Language Portfolio. | X | | | | |

Contribution Scale to a Qualification: **0**-None, **1**-Little, **2**-Medium, **3**-Considerable, **4**-Largest

## Part III New Course Proposal Information

*State only if it is a new course*

| | | | | |
|---|---|---|---|---|
| Is the new course **replacing** a former course in the curriculum**?** | Yes ☐ | No ☒ | Former Course's Code | Former Course's Name |
| Is there any similar course which has content **overlap** with other courses offered by the university**?** | Yes ☐ | No ☒ | Most Similar Course's Code | Most Similar Course's Name |
| **Frequency** of Offerings<br>*Check all semesters that the course is planned to be offered.* | ☐ Fall | ☒ Spring | ☐ Summer | |
| **First** Offering | Academic Year 2017/2018 | | Semester ☐ Fall | ☒ Spring |
| Maximum **Class Size** Proposed: 25 | Student **Quota** for Other Departments: 0 | | Approximate **Number of Students** Expected to Take the Course: 15 | |

**Justification for the proposal**

*Maximum 80 words*

This lecture is proposed to give the students ability for preparing and presenting an effective presentation.

## Part IV Approval

| Proposed by | Faculty Member<br>*Give the Academic Title first.* | Signature | Date |
|---|---|---|---|
| | Dr. Öğr. Üyesi Ekin ÖZGİRGİN YAPICI | | 07.01.2022 |

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|---|---|---|---|---|---|
| Departmental Board Meeting Date | | Meeting Number | | Decision Number | |
| Department Chair | Prof. Dr. Haşmet TÜRKOĞLU | Signature | | Date | |

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|---|---|---|---|---|---|
| Meeting Date | | Meeting Number | | Decision Number | |
| Director of Institute | Prof. Dr. Ziya ESEN | Signature | | Date | |

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|---|---|---|---|---|---|
| Senate Meeting Date | | Meeting Number | | Decision Number | |