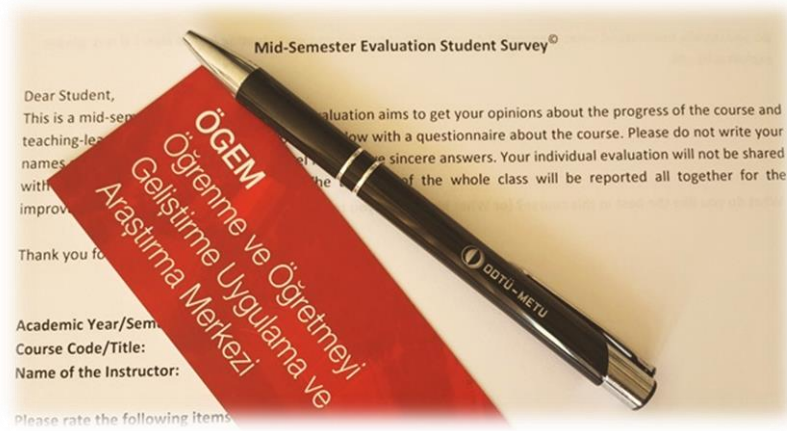


MIDDLE EAST TECHNICAL UNIVERSITY

MID-SEMESTER EVALUATION

REPORT FOR THE INSTRUCTOR ON EVALUATION RESULTS



APRIL 2018

ÖĞRENME VE ÖĞRETMEYİ GELİŞTİRME MERKEZİ (ÖGEM)

<http://www.ogem.metu.edu.tr>

Instructor's Name: **Dr. Ozan Keysan**
 Department: Electrical and Electronics Engineering
 Academic Year/Semester: 2017-2018 Spring
 Course Code and Title: 5670464 – Static Power Conversion II

Evaluation Date/Time: 24.04.2018 – 15:40
 Evaluation Place: EE-D Block (Z17)
 Number of Students Participated: 18
 The Forms Used: Form A (Mid-Semester Evaluation Survey)

This report, prepared by *METU Center for Advancing Teaching and Learning*, aims to inform the instructor about the results of Mid-Semester Evaluation. The form-A used to collect data is composed of two sections. The first one includes 22 items questioning student evaluation of their own participation and the course/instructor on a 5-point rating scale besides one question asking for overall evaluation of the course. The second section included open-ended questions to get comments related to the course in detail.

Descriptive Results for the First Section

Table 1 below displays the mean and standard deviation values of the student evaluation of their own preparation and understanding besides the course and the instructor on a five-point scale (from 1=Strongly Disagree to 5=Strongly Agree) presented in descending order. The overall mean for 3 items on students' evaluation of their own preparation, participation and understanding is **4.07** out of 5 (with SD=.64). The overall mean for 19 items on evaluation of the course and the instructor is **4.71** out of 5 (with SD=.31).

Table 1. *Mean ratings on student evaluation in descending order*

	<i>N*</i>	<i>M</i>	<i>SD</i>
Students			
I can understand the subjects/materials covered in the lesson.	18	4.38	.60
I participate in the lesson actively.	18	4.11	.96
I prepare for the lesson	18	3.72	.75
Course/Instructor			
The instructor uses examples, demonstrations, and activities in the lesson.	18	5.00	.00
The instructor seems well prepared for each session.	18	5.00	.00
The instructor uses time effectively in this course.	18	4.94	.23
The instructor's use of technology enhanced learning in the classroom.	18	4.94	.23
The instructor has a positive attitude toward students.	18	4.88	.32
The instructor communicates well with students.	18	4.88	.32
The instructor encourages students to ask questions and/or give answers.	18	4.88	.32
The instructor explains the course content clearly.	18	4.88	.32
The instructional materials (handouts, worksheets, audiovisuals, etc.) are well integrated into the subject matter.	18	4.83	.51
The instructor is also available outside the class (e.g., Office hours).	18	4.83	.51
The instructor presents the content in a way that help me learn.	18	4.83	.38
The instructor assigns grades fairly.	17	4.70	.68
The instructor gives clear instructions to complete assignments.	18	4.66	.59
The assignments/assigned readings are helpful to learn the subject.	18	4.55	.61
The lesson provides me opportunities to practice what I learn.	18	4.55	1.04
The instructor returns graded exams and assignments without delay.	17	4.52	.71
The instructor provides informative feedback for my assignments, exams, quizzes, participation, etc.	17	4.41	.61
The instructor adjusts the pace of the lessons to the students' level of understanding.	18	4.27	1.07
The workload is appropriate.	18	3.77	1.21

*The number of students answering this item

Overall Effectiveness of the Course: The students also evaluated the overall effectiveness of the course out of 10. The students' evaluation ranged between 1 to 9. The mean value was found as **9.00** (with a standard deviation of 1.08).

Results on Open-Ended Questions

QUESTION 1 - Do you usually understand what is expected of you in preparing for and participating in this class? If not, please explain why not.

Among the 18 students participating in the evaluation, 16 students answered this question **"yes"** and two students did not answer the question. This finding indicate that *most of the students understand what is expected of them in preparing for and participating in the class*. Students generally claimed that expectations are very clear, the work to be done is clearly explained by the instructor.

QUESTION 2 - What do you like the best in this course? (or What has helped you to learn in this class?)

Nearly all students (N= 17) answered this question. The responses of the students indicated that what they liked the best in this course are mainly **the instructor's way of teaching, the examples and real life cases used during the lessons, well integration of the technology and assignments into the course**.

They also reported that the lessons are **interactive** and **informative**; and **slides and materials are helpful**.

Some of the ideas on what they liked for this course are given below:

"Method of teaching really eases the topics. Instructor is well prepared and tries to understand the knowledge of students."

"Konu anlatımı sırasında örneklerin gösterilmesi anlatılan şeylerin daha kalıcı olmasını sağladı ve bu ders süresince en beğendiğim şeydi."

"Not boring. Real life integrated subjects and examples."

"Anlatılan konular güncel. İş hayatında kullanılabilir düzeyde. Bu durum derse daha çok önem vermemi sağlıyor."

"Projelerle beraber pratik dünyayı tecrübe etmemiz ve hocanın anlatış tarzı."

"Bir çok güncel örnek veriliyor ve az da olsa bir çok konuya en azından aşına olalım diye değiniliyor."

"I am able to practice what I learned in the class with the help of the projects. I am happy with the everthing of this course."

"Assignments are well prepared and very useful for understanding the subjects."

"Ozan hocanın ders materyalleri ve dersi interaktif işleyişi."

"The usage of technologies is the best thing for this course since it makes things easier to understand."

"The visual content in slides."

"Technology is used effectively. Also, projects help us understand the topics well even if these projects are tiring. Also communication of the instructor is well toward us. I think almost everything is good."

"Intuitive knowledge is more dominant than diving into massive calculation. I like it a lot."

"Reading assignments and homework."

"Ozan hoca dersi çok canlı ve aktif anlatıyor. Ders araçları ve yöntemleri dersi öğretmek ve sevdirmek için çok güzel."

"Ozan hoca derslerini olabildiğince interaktif yapıyor ve kullandığı görsel kaynaklar genellikle konuyla tam uyumlu."

"I find hardware projects to be very instructive."

QUESTION 3 - What specific advice and suggestions would you give to help your instructor improve your learning and the course in this course?

Among 18 students, 14 students responded to this question and explained their concerns and suggestions in relation to the course. The responses of the students mainly concentrated on the fact that the workload and the content of the lesson is intensive and tiring.

Some of the quotations of the students are as following:

"Ozan hoca, bu dersle ilgili sevdiğim tek şey. Ama yer yer bize yüklediği görevler hayatımızı çok ama çok zorlaştırıyor. Özellikle verilen projeler çok zaman alıcı ve yıpratıcı oluyor."

"Bu dersin labı olmasını isterdim. Derste ayrıntısına girmedığımız konuların sınavlarda sorulamaması ya da en azından yorum olarak sorulmasını isterdim."

"There are so many subjects in the course, thus some of these subjects are not covered in detail. Maybe content of this lesson can be reduced to cover subjects in more detailed way. Deadline of the assignments are not enough and also exams, projects, and assignments are all given at the same time. This is quite intensive."

"Bazı konular çok hızlı geçilebiliyor. En azından büyük çoğunluğun anladığından emin olduktan sonra derse devam edilmesi gerekir."

"İş yükünün fazla olması psikolojik açıdan yıpratıcı olabiliyor."

"The workload is a lot. This is the last semester and I would be happy to have some time for myself to relax."

"Dönem projesi ile birlikte 2-3 haftada bir ödev olması iş yükünü çok artırıyor."

"Maybe the projects can be assigned earlier and time for completing projects can be longer."

"Bu dönemin konuları son dönem kargaşasından iyi öğrenilemiyor ve çok yoğun."

"Bireysel küçük ödevler verilebilir. Grup içi toplanma zor olabiliyor."

"Simulation projects and hardware projects can be deeper and can have higher effect on the grading. Midterm's and final's weight can be sacrificed for that."

“More comprehensive feedback on software projects will help us to improve our learning. Moreover sample solutions of the questions in the software projects can be given to the students after submissions.”

“Some subjects are hard in theoretical manner. More practical ways to understand the operation of topologies can be introduced.”

“Ders içeriğinde çok fazla konu var. Belki bir kısmı azaltılıp diğer konularında daha fazla detaylandırılması yapılabilir.”

“Software projects are done with random partners. In these assignments, sometimes the partners don’t do or don’t want to accomplish the shared load. Therefore grading is not fair among partners.”

“Ders notları geliştirilebilir. Simülasyon projeleri konuyu anlamamıza yardımcı oluyor ama biraz daha az yük olacak şekilde değiştirilebilir. Sınavlarda çıkan yorum sorularının derste sadece üstünden geçilmeyip uzun uzun durulması taraftarıyım.”

Apart from these, two of the students expressed that sometimes the deadlines or the time for using lab can be changed based on the request of some students. They claimed that all students should be treated the same and should be asked about their opinions in such cases.

All in all, the mid-semester evaluation findings show that the students taking this course are, indeed, very satisfied with the instructor and the lesson. They generally enjoy the activities and the way of teaching. The ideas, concerns, and suggestions of the students pointed out above could be considered by the instructor and can be used to improve the lesson and to make necessary revisions for the next years.

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