

Our department applied for the MÜDEK accreditation for its Electrical and Electronics Engineering Program on March 12th 2019.

University Mission;

The Mission of TOBB University of Economics and Technology is, to become a university that

- educates and prepares the qualified, innovative workforce required for Turkey to compete in global markets
- provides an educational environment that sparks the creativity and develops the analytical thinking capabilities of students
- conducts world-class research and supplies the infrastructure required by scientists to perform research, and publish their results internationally
- generates solutions to the problems of society and the nation.

Engineering Faculty Mission;

The mission of the Faculty of Engineering is to,

- Become a research center of the business world, and contribute to the welfare of the society with world-class research and development
- Bring up engineers that are experts in their occupational applications, sensitive to environment and society, respectful to ethical values, and practice life-long learning, with the help of the Cooperative Education Program that aims to provide the students with early professional experience.

Our program educational objectives:

Program Educational Objectives (PEOs) define the career goals and occupational expectations of our department graduates. Accordingly , our graduates,

- I. are occupied in the sectors like Defense, Electronics, Energy, Manufacturing, Biomedicals, Information Technologies or Scientific Research.
- II. ascend to steering managerial positions with their written and oral communication abilities,
- III. continuously improve themselves with seminars, certificate programs, online courses and graduate programs,
- IV. provided that it's suitable for their personalities, are occupied in value-adding positions like R&D, Design, Transition to Production and System Engineering or establish their own start-up companies as entrepreneurs.

Our program outcomes are,

1.(a) enough knowledge of mathematics, science, and related engineering topics

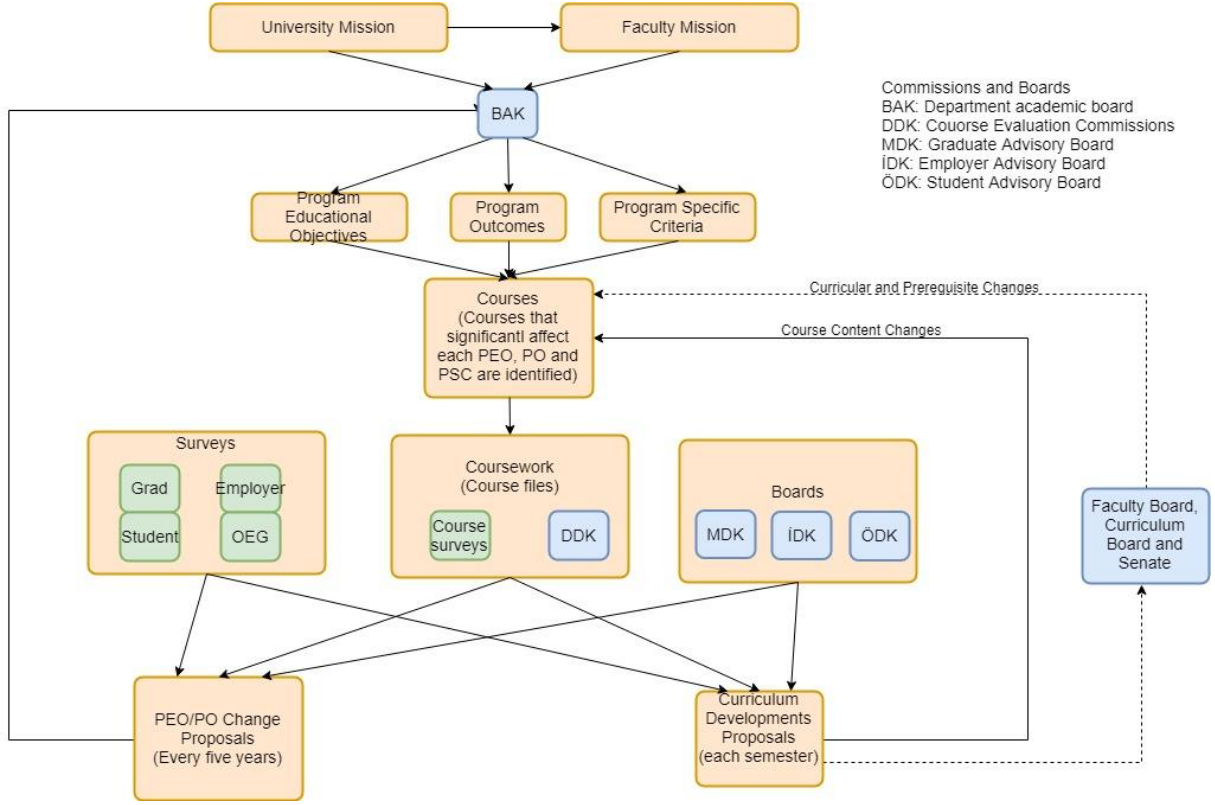
1. (b) an ability to apply theoretical and practical knowledge in order to formulate and solve engineering problems.

2. (a) an ability to identify, define, formulate and solve engineering problems, and
2. (b) an ability to choose suitable analytical and modeling techniques for this purpose
3. (a) an ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability, and
3. (b) an ability to apply modern engineering design techniques for this purpose,
4. (a) an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.
4. (b) an ability to effectively use information technologies,
5. (a) an ability to design and conduct experiments, as well as to collect, analyze and interpret data
6. (a) an ability to function on intra-disciplinary and multidisciplinary teams
6. (b) an ability of individual work,
7. (a) an ability of effective written and oral communication in Turkish,
7. (b) knowledge of at least one foreign language,
7. (c) an ability to write and comprehend reports, prepare design and production reports, effective presentation, effectively receive and give instruction,
8. (a) a recognition of the need for, and an ability to engage in life-long learning,
8. (b) an ability to access information, follow technological development and self-improvement,
9. (a) an understanding of professional and ethical responsibility,
9. (b) knowledge of technical standards in engineering,
10. (a) knowledge of business practices such as project management, risk management and change management,
10. (b) knowledge and awareness of entrepreneurship, innovation and sustainable growth,
11. (a) the broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context,
11. (b) an awareness of the legal consequences of engineering solutions,

Table 1: Relationship between Program Outcomes and Program Educational Objectives

	I	II	III	V
1a	x		x	x
1b	x		x	x
2a	x			x
2b	x			x
3a	x			x
3b	x			x
4a	x			x
4b	x			x
5	x			x
6a	.	x		
6b	.	x		
7a		x		
7b		x	x	
7c		x	x	
8a	x		x	x
8b	x		x	x
9a		x		
9b	x			
10a		x		x
10b		x		x
11a		x	x	
11b		x		

Continuous Improvement Mechanism



Employer Advisory Board:

Employer advisory board meeting was held on Tuesday, February 26th 2019 at 15:00.

Board consists of the following members:

Participant	Institution
Tolga Girici	Chair (TOBB ETÜ ELE)
İmam Şamil Yetik	Vice chair (TOBB ETÜ ELE)
Emrah Onat	Esen Sistem Entegrasyon
Tuna Güven	Aselsan
Yiğit Ergin	Karel
Elif Uysal Bıyıkoğlu	ODTÜ
Ünver Kaynak	TAI
Okan Demirel	TAI
Sinan Gezici	İ.D. Bilkent Üniversitesi
Tolga Sönmez	Havelsan
Yeşim Bayramlı	Havelsan



Picture 1: Employer Advisory Board Meeting

Graduate Advisory Board:

Graduate advisory board meeting was held on Sunday, February 24th 2019 at 10:30.

Board consists of the following members:

Participant	Institution	Graduation
Tolga Girici	Chair (TOBB ETÜ ELE)	
Ezgi Koç	TAI	2016
Mustafa Emre Cansev	EGO	2012
Selim Özcan	Siemens	2013
Dorukan Atay	AF Mercados	2013
Emre Sönmez	Aselsan	2017
Mustafa Kağan Çetin	TOBB ETÜ	2019
Ali Güven	TOBB ETÜ	2018
Cenk Güngör	ICTerra	2018
Yunus Emre Ergüven	Aselsan	2017
Erşan Ateş	Mateş Elektronik	2014



Picture 2: Graduate Advisory Board Meeting