2025-2026 AKADEMİK YILI / *Academic Year*

EĞİTİMDE KALİTE GÜVENCESİ YILLIK RAPORU

QUALITY ASSURANCE IN EDUCATION ANNUAL REPORT

MÜHENDİSLİK FAKÜLTESİ

FACULTY OF ENGINEERING

MAKİNE MÜHENDİSLİĞİ LİSANS PROGRAMI (ME)

MECHANICAL ENGINEERING UNDERGRADUATE PROGRAM (ME)

İÇİNDEKİLER / CONTENTS

MÜHENDİSLİK FAKÜLTESİ / *FACULTY OF ENGINEERING*

MAKİNE MÜHENDİSLİĞİ LİSANS PROGRAMI – ME / *MECHANICAL ENGINEERING UNDERGRADUATE PROGRAM – ME*

1. BÖLÜM HAKKINDA / *ABOUT THE DEPARTMENT*

1.1. EĞİTİM AMAÇLARI / *EDUCATIONAL OBJECTIVES*

Bilkent Üniversitesi Makine Mühendisliği lisans programının eğitim amaçları şunlardır: / *The objectives of the Mechanical Engineering undergraduate program at Bilkent University are:*

- Öğrencileri bireysel kariyer yollarına hazırlamak ve mühendislerin karşılaştığı hızla değişen teknolojilere uyum sağlama yeteneğini geliştirmek, / *To prepare students for their individual career paths and to foster the ability to adapt to the rapidly changing technologies faced by engineers.*
- Esnek bir müfredat ve disiplinler arası araştırma fırsatlarıyla zenginleştirilmiş yüksek kaliteli ve titiz bir makine mühendisliği eğitimi vererek, öğrencilerin kendilerini çok disiplinli ortamlarda yenilikçi problem çözücüler ve liderler olarak ayırt etmelerine yardımcı olmak, / *To assist the students to distinguish themselves as innovative problem solvers and leaders in multidisciplinary settings, through a high quality and rigorous mechanical engineering education that is enriched by a flexible curriculum and interdisciplinary research opportunities.*
- Öğrencilere kişisel ilgi alanları, tasarım ve ekip çalışması deneyimlerini takip etme ve önemli uygulamalı deneyime sahip olma fırsatları sağlamaktır. / *To provide the students opportunities to pursue directions of personal interest, design and teamwork experiences, and to have significant hands-on experience.*

1.1.1. DANIŞMA KURULU / *ADVISORY BOARD*

- Ümit Arda Karabey, Kurucu / Mezun, Argoritma Teknoloji / *Ümit Arda Karabey, Founder / Graduated, Argorithm Technology*
- Muhammed Aybars Yalçın, Tasarım Mühendisi / Mezun, TUSAŞ / *Muhammed Aybars Yalçın, Design Engineer / Graduated, TUSAŞ*
- Cem Tüfekçi, Grup Lideri, Türk Traktör / *Cem Tüfekçi, Group Leader, Türk Traktör*
- Dr. Önder Balioğlu, Bulaşık Makinesi Ar&Ge Direktörü, Arçelik / *Dr. Önder Balioğlu, Dishwasher R&D Director, Arçelik*
- Tahir Fidan, Platform Entegrasyon Mühendislik Direktörü, Aselsan / *Tahir Fidan, Platform Integration Engineering Director, Aselsan*
- Dr. Levent Subaşı, Proses Geliştirme Başmühendisi, TEI / *Dr. Levent Subaşı, Process Development Chief Engineer, TEI*
- Uğur Susuz, Mekanik Tasarım Müdürü, Meteksan / *Uğur Susuz, Mechanical Design Manager, Meteksan*
- Prof. Dr. Erdem Alaca, Öğretim Üyesi, Koç Üniversitesi / *Prof. Dr. Erdem Alaca, Faculty Member, Koç University*
- Prof. Dr. Zafer Dursunkaya, Öğretim Üyesi, ODTÜ / *Prof. Dr. Zafer Dursunkaya, Faculty Member, METU*

- Muhammed Uygun, Mekatronik Tasarım Mühendisi (Mezun), Aselsan / *Muhammed Uygun, Mechatronics Design Engineer (Alumni), Aselsan*
- Prof. Dr. Ali Koşar, Öğretim Üyesi, Sabancı Üniversitesi / *Prof. Dr. Ali Koşar, Faculty Member, Sabancı University*

1.2. LİSANS PROGRAMI / *UNDERGRADUATE PROGRAM*

1.2.1. MÜFREDAT / *CURRICULUM*

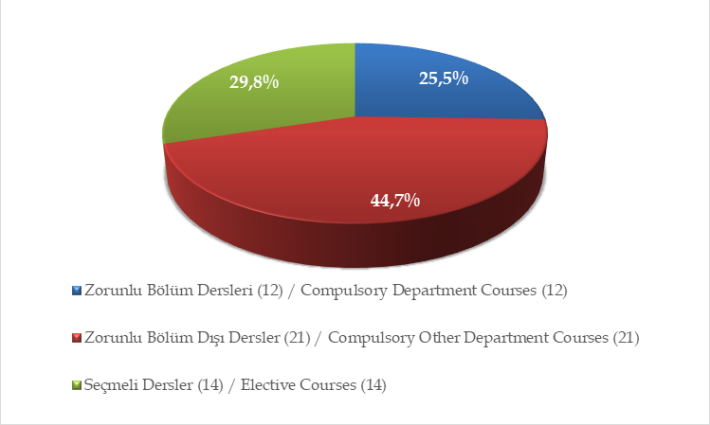
Birinci Yıl / *First Year*					
Güz Dönemi / *Fall Semester*					
Ders Kod / *Course Code*	Ders Adı / *Course Name*	Saatler / *Hours*		Kredi / *Credits*	
		Ders / *Lecture*	Lab / Stüdyo / Diğer / *Lab / Studio / Others*	Bilkent	ECTS
ENG 101	İngilizce ve Kompozisyon I / *English and Composition I*	5	0	3	5
GE 100	Üniversite Hayatına Giriş / *Orientation*	0	0	1	2
MATH 101	Matematik I / *Calculus I*	4	0	4	6,5
ME 101	Makine Mühendisliğinin Temelleri / *Fundamentals of Mechanical Engineering*	2	2	2	3,5
PHYS 101	Genel Fizik I / *General Physics I*	3	3	4	6,5
TURK 101	Türkçe I / *Turkish I*	0	0	2	3,5
Bahar Dönemi / *Spring Semester*					
Ders Kod / *Course Code*	Ders Adı / *Course Name*	Saatler / *Hours*		Kredi / *Credits*	
		Ders / *Lecture*	Lab / Stüdyo / Diğer / *Lab / Studio / Others*	Bilkent	ECTS
CS 115	Python ile Programlamaya Giriş / *Introduction to Programming in Python*	3	4	4	6,5
ENG 102	İngilizce ve Kompozisyon II / *English and Composition II*	5	0	3	5
MATH 102	Matematik II / *Calculus II*	4	0	4	6,5
PHYS 102	Genel Fizik II / *General Physics II*	3	3	4	6,5
TURK 102	Türkçe II / *Turkish II*	0	0	2	3,5

İkinci Yıl / *Second Year*					
Güz Dönemi / *Fall Semester*					
Ders Kod / *Course Code*	Ders Adı / *Course Name*	Saatler / *Hours*		Kredi / *Credits*	
		Ders / *Lecture*	Lab / Stüdyo / Diğer / *Lab / Studio / Others*	Bilkent	ECTS
CHEM 201	Malzeme Bilimi ve Teknolojisi / *Material Science and Technology*	3	0	3	5
GE 250	Üniversite Etkinlik Programı I / *Collegiate Activities Program I*	0	0	0	1
HUM 111	Kültürler, Medeniyetler ve Düşünceler I / *Cultures Civilizations and Ideas I*	3	0	3	5
MATH 220	Doğrusal Cebir / *Linear Algebra*	3	0	3	5
ME 211	Termoakışkanlar Mühendisliği I / *Thermo-Fluids Engineering I*	4	2	4	6,5
ME 231	Mekanik ve Malzeme I / *Mechanics and Materials I*	4	2	4	6,5
Bahar Dönemi / *Spring Semester*					
Ders Kod / *Course Code*	Ders Adı / *Course Name*	Saatler / *Hours*		Kredi / *Credits*	
		Ders / *Lecture*	Lab / Stüdyo / Diğer / *Lab / Studio / Others*	Bilkent	ECTS
GE 251	Üniversite Etkinlik Programı II / *Collegiate Activities Program II*	0	0	1	2
HUM 112	Kültürler, Medeniyetler ve Düşünceler II / *Cultures Civilizations and Ideas II*	3	0	3	5
MATH 240	Türevsel Denklemler / *Differential Equations*	3	0	3	5
ME 212	Termoakışkanlar Mühendisliği II / *Thermo-Fluids Engineering II*	4	2	4	6,5
ME 232	Mekanik ve Malzeme II / *Mechanics and Materials II*	4	2	4	6,5
	Matematik/Fen Bilimleri Seçmeli Dersi / *Mathematics/Science Elective*			3	

Üçüncü Yıl / *Third Year*					
Güz Dönemi / *Fall Semester*					
Ders Kod / *Course Code*	Ders Adı / *Course Name*	Saatler / *Hours*		Kredi / *Credits*	
		Ders / *Lecture*	Lab / Stüdyo / Diğer / *Lab / Studio / Others*	Bilkent	ECTS
ENG 401	Teknik Rapor Yazma ve Sunum / *Technical Report Writing and Presentation*	3	0	3	5
MATH 230	Mühendisler İçin Olasılık ve İstatistik / *Probability and Statistics for Engineers*	3	0	3	5
ME 299	Yaz Stajı I / *Summer Practice I*	0	0	0	7
ME 341	Dinamik ve Kontrol I / *Dynamics and Control I*	4	0	4	6,5
ME 384	Mekatronik Sistemler / *Mechatronic Systems*	3	0	3	5
	Makine Mühendisliği Seçmeli Dersi / *Mechanical Engineering Elective*			3	
Bahar Dönemi / *Spring Semester*					
Ders Kod / *Course Code*	Ders Adı / *Course Name*	Saatler / *Hours*		Kredi / *Credits*	
		Ders / *Lecture*	Lab / Stüdyo / Diğer / *Lab / Studio / Others*	Bilkent	ECTS
HIST 200	Türkiye Tarihi / *History of Turkey*	3	0	4	6,5
ME 342	Dinamik ve Kontrol II / *Dynamics and Control II*	4	0	4	6,5
ME 371	Ölçme ve Değerlendirme / *Measurement and Instrumentation*	2	2	3	5
ME 381	Tasarım ve İmalat / *Design and Manufacturing*	3	0	3	5
	Matematik/Fen Bilimleri Seçmeli Dersi / *Mathematics/Science Elective*			3	

Dördüncü Yıl / *Fourth Year*					
Güz Dönemi / *Fall Semester*					
Ders Kod / *Course Code*	Ders Adı / *Course Name*	Saatler / *Hours*		Kredi / *Credits*	
		Ders / *Lecture*	Lab / Stüdyo / Diğer / *Lab / Studio / Others*	Bilkent	ECTS
GE 301	Bilim, Teknoloji ve Toplum / *Science Technology and Society*	2	0	2	3,5
ME 399	Yaz Stajı II / *Summer Practice II*	0	0	0	7
	Temel Sanat Seçmeli Dersi / *Arts Core Elective*			3	
	Mühendislik Seçmeli Dersi / *Engineering Elective*			3	
	Makine Mühendisliği Seçmeli Dersi (2) / *Mechanical Engineering Elective (2)*			6	
	Proje Seçmeli Dersi I / *Project Elective I*			3	
Bahar Dönemi / *Spring Semester*					
Ders Kod / *Course Code*	Ders Adı / *Course Name*	Saatler / *Hours*		Kredi / *Credits*	
		Ders / *Lecture*	Lab / Stüdyo / Diğer / *Lab / Studio / Others*	Bilkent	ECTS
	Seçmeli Ders / *Elective*			3	
	Makine Mühendisliği Geniş Seçmeli Dersi / *Mechanical Engineering Breadth Elective*			3	
	Makine Mühendisliği Seçmeli Dersi (2) / *Mechanical Engineering Elective (2)*			6	
	Proje Seçmeli Dersi II / *Project Elective II*			3	
	Temel Sosyal Bilimler Seçmeli Dersi / *Social Science Core Elective*			3	

1.2.2. DERSLERİN DAĞILIMI / *DISTRIBUTION COURSES*



Grafik.1.2.2. Makine Mühendisliği Lisans Programı Müfredatındaki Derslerin Dağılımı / ***Graphic.1.2.2.*** *Distribution of Courses in the Mechanical Engineering Undergraduate Program Curriculum*

1.3. ÖĞRENCİLER / *STUDENTS*

1.3.1. ÖĞRENCİ SAYILARI / *NUMBER OF STUDENTS*

	Öğrenci Sayıları / *Number of Students*
Hazırlık / *Prep*	52
1. Sınıf / *1. Class*	94
2. Sınıf / *2. Class*	100
3. Sınıf / *3. Class*	110
4. Sınıf / *4. Class*	126
Toplam Öğrenci Sayısı / *Total Number of Students*	**482**

Tablo.1.3.1. 2025-2026 Akademik Yılı Makine Mühendisliği Lisans Programı Öğrenci Sayıları / ***Table.1.3.1.*** *Number of Students in Mechanical Engineering Undergraduate Program for the 2025-2026 Academic Year*

1.3.2. YABANCI ÖĞRENCİ SAYILARI / *NUMBER OF FOREIGN STUDENTS*

	Yabancı Öğrenci Sayıları / *Number of Foreign Students*
1. Sınıf / *1. Class*	4
2. Sınıf / *2. Class*	2
3. Sınıf / *3. Class*	1
4. Sınıf / *4. Class*	1
Toplam Yabancı Öğrenci Sayısı / *Total Number of Foreign Students*	**8**

Tablo.1.3.2. 2025-2026 Akademik Yılı Makine Mühendisliği Lisans Programı Yabancı Öğrenci Sayıları / ***Table.1.3.2.*** *Number of Foreign Students in Mechanical Engineering Undergraduate Program for the 2025-2026 Academic Year*

1.4. ÖĞRETİM ELEMANLARI / *FACULTY MEMBERS*

1.4.1. ÖĞRETİM ELEMANI SAYILARI / *NUMBER OF FACULTY MEMBERS*

	Öğretim Elemanı Sayıları / *Number of Faculty Members*
Profesör Doktor / *Professor Doctor*	2
Doçent Doktor / *Associate Professor*	6
Doktor Öğretim Üyesi / *Asisstant Professor*	3
Öğretim Görevlisi / Instructor	2
Toplam Öğretim Elemanı Sayısı / *Total Number of Faculty Members*	**13**

Tablo.1.4.1. 2025-2026 Akademik Yılında Makine Mühendisliği Lisans Programı Kadrolu ve Yarı Zamanlı Öğretim Elemanı Sayıları / ***Table.1.4.1.*** *Number of Full-Time and Part-Time Faculty Members in the Mechanical Engineering Undergraduate Program in the 2025-2026 Academic Year*

1.4.2. ÖĞRETİM ELEMANLARININ LİSTESİ / *LIST OF FACULTY MEMBERS*

Öğretim Elemanının Unvanı / *Title of Faculty Member*	**Öğretim Elemanının Çalışma Şekli / *Work-mode of Faculty Member***	**Öğretim Elemanının Adı - Soyadı / *Name-Surname of Faculty Member***
Doçent Doktor / Associate Professor	Tam Zamanlı / Full Time	Emine Yegan Oyman
Doçent Doktor / Associate Professor	Tam Zamanlı / Full Time	Mehmet Selim Hanay
Doçent Doktor / Associate Professor	Tam Zamanlı / Full Time	Yıldıray Yıldız
Doçent Doktor / Associate Professor	Tam Zamanlı / Full Time	Onur Özcan
Doçent Doktor / Associate Professor	Tam Zamanlı / Full Time	Ali Javili
Doçent Doktor / Associate Professor	Yarı Zamanlı / Part Time	Mazhar Müjdat Tohumcu
Doktor Öğretim Üyesi / Assistant Professor	Tam Zamanlı / Full Time	Ahmet Alperen Günay
Doktor Öğretim Üyesi / Assistant Professor	Tam Zamanlı / Full Time	Orçun Koray Çelebi
Doktor Öğretim Üyesi / Assistant Professor	Tam Zamanlı / Full Time	Ata Dönmez
Profesör Doktor / Professor Doctor	Tam Zamanlı / Full Time	İlker Temizer
Profesör Doktor / Professor Doctor	Tam Zamanlı / Full Time	Barbaros Çetin
Öğretim Görevlisi / Instructor	Yarı Zamanlı / Part Time	Levent Subaşı
Öğretim Görevlisi / Instructor	Yarı Zamanlı / Part Time	Mustafa Özgür Ateşoğlu

Tablo.1.4.2. 2025-2026 Akademik Yılında Makine Mühendisliği Lisans Programı Kadrolu ve Yarı Zamanlı Öğretim Elemanı Listesi / ***Table.1.4.2.*** *List of Full-Time and Part-Time Faculty Members in the Mechanical Engineering Undergraduate Program in the 2025-2026 Academic Year*

1.5. EĞİTİMDE KALİTE KOMİTESİ / *COMMITTEE OF QUALITY IN EDUCATION*

- Onur Özcan
- Ali Javili
- İlker Temizer

2. TÜRKİYE YÜKSEKÖĞRETİM YETERLİLİKLER ÇERÇEVESİ – ULUSAL YETERLİLİKLER / *TURKISH HIGHER EDUCATION QUALIFICATIONS FRAMEWORK - NATIONAL QUALIFICATIONS*

Basic Field Qualifications for Engineering (Academic - Weighted) - 6th Level - Bachelor's						
LEVEL OF THEQF	**KNOWLEDGE SKILLS -Theoretical -Factual**	**SKILLS -Cognitive -Practical**	**COMPETENCIES**			
			Ability to Work Independently and Take Responsibility	**Learning Competence**	**Communication and Social Competence**	**Field-Specific Competence**
6th Level Bachelor's EQF-LLL: 6th Level QF-EHEA: 1st Cycle	K1. Have sufficient background in mathematics, sciences and their own field of study.	S1. Make use of theoretical and practical knowledge on mathematics, sciences and their own field concurrently for engineering solutions. S2. Identify, define, formulate and solve engineering problems; select and apply analytical methods and modeling techniques appropriate for this purpose. S3. Analyze a system, a system component or a process; make a design in consideration of realistic constraints in order to meet the needs expected; and apply modern design methods. S4. Select and use modern techniques and devices required for engineering applications.	W1. Assume active responsibility in individual work or multi-disciplinary team work. W2. Accesses information and makes source research for this purpose, uses databases and other information sources.	L1. Know how to access information and do literature survey; and make use of databases and other information resources. L2. Be aware of the need for lifelong learning; keep up with the developments in science and technology and renew themselves continuously. L3. Make use of theoretical and practical knowledge on mathematics, sciences and their own field concurrently for engineering solutions. L4. Identify, define, formulate and solve engineering problems; select and apply analytical methods and modeling techniques appropriate for this purpose. L5. Analyze a system, a system component or a process; make a design in consideration of realistic constraints in order to meet the needs expected; and apply modern design methods.	C1. Uses information and communication technologies together with computer software required by the field at least Advanced Level of European Computer Driving License. C2. Communicate in oral and written form in a foreign language at minimum B1 level, as defined by the European Language Portfolio. C3. Communicates using technical drawing. C4. Accesses information and makes source research for this purpose, uses databases and other information sources. C5. Becomes aware of the universal and social effects of engineering solutions and applications; become aware of entrepreneurship and innovation and have knowledge about the problems of the age.	F1. Have sense of professional and ethical responsibility. F2. Have consciousness about project management, workplace practices, workers' health, environmental risk evaluation, environmental and work safety; and have awareness about legal consequences of engineering applications. F3. Becomes aware of the universal and social effects of engineering solutions and applications; become aware of entrepreneurship and innovation and have knowledge about the problems of the age.

		S5. Design and conduct experiments, collect data, analyze and interpret results.		L6. Select and use modern techniques and devices required for engineering applications. L7. Assume active responsibility in individual work or multi-disciplinary team work.		

3. PROGRAM ÇIKTILARI / *PROGRAM OUTCOMES*

3.1. PROGRAM ÇIKTILARININ LİSTESİ / *LIST OF PROGRAM OUTCOMES*

a. Mühendislik, fen bilimleri ve matematik ilkelerini uygulayarak karmaşık mühendislik problemlerini tanımlama, formüle etme ve çözme becerisine sahiptir. / *An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.*

b. Kamu sağlığı, güvenliği ve refahının yanı sıra küresel, kültürel, sosyal, çevresel ve ekonomik faktörleri de dikkate alarak belirlenen ihtiyaçları karşılayacak çözümler üretmek için mühendislik tasarımını uygulama becerisine sahiptir. / *An ability to identify engineering design to produce solutions that meet specified needs with consideration of public health, safety and welfare, as well as global, cultural, social, environmental, and economic factors.*

c. Çeşitli kitlelerle etkili bir şekilde iletişim kurabilme becerisine sahiptir. / *An ability to communicate effectively with a range of audiences.*

d. Mühendislik pozisyonlarında etik ve profesyonel sorumlulukları tanıma ve mühendislik çözümlerinin küresel, ekonomik, çevresel ve toplumsal bağlamlardaki etkisini dikkate alması gereken bilinçli kararlar verme becerisine sahiptir. / *An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.*

e. Tüm üyeleri ile birlikte, liderlik sağlayan, işbirlikçi ve kapsayıcı bir ortam yaratan, hedefler belirleyen, görevleri planlayan ve hedeflere ulaşan bir ekipte etkili bir şekilde çalışabilme becerisine sahiptir. / *An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives*

f. Uygun deneyler geliştirme ve yürütme, verileri analiz etme ve yorumlama ve tüm bunlardan sonuç çıkarmak için mühendislik yargısını kullanma becerisine sahiptir. / *An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgement to draw conclusions.*

g. Uygun öğrenme stratejilerini kullanarak gerektiğinde yeni bilgi edinme ve uygulama becerisine sahiptir. / *An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.*

h. Öğrenciler, derslerin yanı sıra çeşitli ve yaratıcı, sanatsal, kültürel, sportif ve entelektüel faaliyetlere katılarak kampüs hayatından daha fazla faydalanırlar. / *Take advantage of the campus life where students are engaged in diversity, creativity and commitment outside coursework through artistic, cultural, sportive and intellectual activities.*

3.2. ULUSAL YETERLİLİKLER İLE PROGRAM ÇIKTILARI BAĞLANTI TABLOSU / *NATIONAL QUALIFICATIONS AND PROGRAM OUTCOMES CONNECTION TABLE*

Ulusal Yeterlilikler / *National Competencies*	Program Çıktıları / *Program Outcomes*							
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
K1	✔							
S1	✔							
S2	✔							
S3	✔	✔						
S4	✔							
S5						✔		
W1					✔			✔
W2							✔	
L1							✔	
L2							✔	
L3	✔							
L4	✔							
L5	✔	✔						
L6	✔							
L7					✔			✔
C1	✔							
C2			✔					
C3			✔					
C4							✔	
C5				✔				
F1				✔				
F2				✔				
F3		✔		✔				

Tablo.3.2. Ulusal Yeterlilikler ile Makine Mühendisliği Lisans Programı Program Çıktıları Bağlantı Tablosu / ***Table.3.2.*** *National Qualifications and Mechanical Engineering Undergraduate Program Program Outcomes Link Table*

4. DERSLER / *COURSES*

4.1. PROGRAM ÇIKTILARI – DERSLER TABLOSU / *PROGRAM OUTCOMES - COURSES TABLE*

Dersler / *Courses*	Program Çıktıları / *Program Outcomes*							
	a	b	c	d	e	f	g	h
CHEM 201	✔							
CS 115	✔							
ENG 101			✔				✔	
ENG 102			✔				✔	
ENG 401			✔				✔	
GE 100			✔	✔			✔	✔
GE 250			✔				✔	✔
GE 251			✔				✔	✔
GE 301				✔	✔		✔	
HIST 200			✔		✔		✔	
HUM 111			✔				✔	
HUM 112			✔				✔	
MATH 101	✔		✔		✔			
MATH 102	✔		✔		✔			
MATH 220	✔							
MATH 230	✔							
MATH 240	✔							
ME 101	✔				✔			
ME 211	✔					✔		
ME 212	✔					✔		
ME 231	✔					✔		
ME 232	✔		✔			✔		
ME 299	✔		✔	✔			✔	
ME 341	✔							
ME 342	✔							
ME 371	✔				✔	✔		
ME 381	✔	✔						
ME 384	✔	✔			✔	✔		
ME 399	✔		✔	✔			✔	
PHYS 101	✔	✔			✔		✔	
PHYS 102	✔	✔			✔		✔	
TURK 101			✔				✔	
TURK 102			✔				✔	

Tablo.4.1. Makine Mühendisliği Lisans Programı - Program Çıktıları ve Dersler Tablosu /
Table.4.1.. *Mechanical Engineering Undergraduate Program - Program Outcomes and Courses Table*

4.2. PERFORMANS ÖLÇÜMÜNDE KULLANILAN METRİKLER / *METRICS TO BE USED IN PERFORMANCE MEASUREMENT*

4.2.1. PERFORMANS ÖLÇÜMLERİNDE KULLANILAN DEĞERLENDİRME METOTLARI // *EVAULATION METHODS USED IN PERFORMANCE MEASUREMENTS*

4.2.1.1. 2025-2026 Akademik Yılı Güz Dönemi için / For 2025-2026 Academic Year Fall Semester;

Course Code	Program Outputs	Midterm:Essay/ written	Midterm:Essay/ written	Final:Essay/ written	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
CHEM 201	a	30	30	40	100	M1	50	70

Course Code	Program Outputs	Lab exam	Midterm:Essay/ written	Final:Essay/ written	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
CS 115	a	20	40	40	100	M1	40	75

Course Code	Program Outputs	Academic Essay 1	Essay	Oral Presentation	Student Led Discussion	Academic Summary and Critical Response Task	Self-progress Reflection Task	Final	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
ENG 101	c	20	25	8	7	10	5	25	100	M1	70	75
	Program Outputs	Academic Essay 1	Essay	Oral Presentation	Student Led Discussion	Academic Summary and Critical Response Task	Self-progress Reflection Task	Final	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	g	20	25	8	7	10	5	25	100	M1	70	75

Course Code	Program Outputs	Library Skills Task	Academic Essay	Oral Presentation	Research Paper Outline	Research essay	Interviews	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
ENG 102	c	5	20	20	10	30	15	100	M1	70	70
	Program Outputs	Library Skills Task	Academic Essay	Oral Presentation	Research Paper Outline	Research essay	Interviews	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	g	5	20	20	10	30	15	100	M1	70	70

Course Code	Program Outputs	Presentations	Written Project Proposal	Written Final Report	Interviews	Interviews	Presentations	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)	
ENG 401	c	15	20	35	5	5	20	100	M1	70	80	
	Program Outputs	Presentations	Written Project Proposal	Written Final Report	Interviews	Interviews	Presentations	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)	
	g	15	20	35	5	5	20	100	M1	70	80	

Course Code	Program Outputs	In-class participation	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
GE 100	c	100	100	M1	12	80
	Program Outputs	In-class participation	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	d	100	100	M1	12	80
	Program Outputs	In-class participation	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	g	100	100	M1	12	80
	Program Outputs	In-class participation	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	h	100	100	M1	12	80

Course Code	Program Outputs	In-class participation	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
GE 251	c	100	100	M1	70	70
	Program Outputs	In-class participation	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	g	100	100	M1	70	70

Course Code	Program Outputs	In-class participation	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
GE 251	h	100	100	M1	70	70

Course Code	Program Outputs	Final	Midterm	Quiz	Quiz	Quiz	In-class participation	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
GE 301	d	30	20	10	10	10	20	100	M1	45	60
	Program Outputs	Final	Midterm	Quiz	Quiz	Quiz	In-class participation	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	e	30	20	10	10	10	20	100	M1	45	60
	Program Outputs	Final	Midterm	Quiz	Quiz	Quiz	In-class participation	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	g	30	20	10	10	10	20	100	M1	45	60

Course Code	Program Outputs	Oral presentation	Research essay	Performance	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
HIST 200	c	10	60	30	100	M1	70	75
	Program Outputs	Oral presentation	Research essay	Performance	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	e	10	60	30	100	M1	70	75
	Program Outputs	Oral presentation	Research essay	Performance	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	g	10	60	30	100	M1	70	75

Course Code	Program Outputs	Quizzes	Course Project	In-class participation	Final Examination	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
HUM 111	c	30	30	10	30	100	M1	60	75
	Program Outputs	Quizzes	Course Project	In-class participation	Final Examination	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	g	30	30	10	30	100	M1	60	75

Course Code	Program Outputs	Quizzes	In-class participation	Final:Essay/ written	Project	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
HUM 112	c	30	10	30	30	100	M1	60	75
	Program Outputs	Quizzes	In-class participation	Final:Essay/ written	Project	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	g	30	10	30	30	100	M1	60	75

Course Code	Program Outputs	Midterm	Midterm	Final	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
MATH 101	a	30	30	40	100	M1	40	50
	Program Outputs	Midterm	Midterm	Final	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	c	30	30	40	100	M1	40	50
	Program Outputs	Midterm	Midterm	Final	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	e	30	30	40	100	M1	40	50

Course Code	Program Outputs	Midterm:Essay/ written	Midterm:Essay/ written	Final:Essay/ written	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
MATH 102	a	30	30	40	100	M1	40	50
	Program Outputs	Midterm:Essay/ written	Midterm:Essay/ written	Final:Essay/ written	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	c	30	30	40	100	M1	40	50
	Program Outputs	Midterm:Essay/ written	Midterm:Essay/ written	Final:Essay/ written	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	e	30	30	40	100	M1	40	50

Course Code	Program Outputs	Midterm:Essay/ written	Final:Essay/ written	Homework	Quiz	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
MATH 220	a	40	45	10	5	100	M1	40	40

Course Code	Program Outputs	Midterm:Essay/ written	Homework	Homework	Homework	Homework	Final:Essay/wri tten	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)	
MATH 230	a	40	3,75	3,75	3,75	3,75	45	100	M1	30	75	

Course Code	Program Outputs	Midterm:Essay/ written	Final:Essay/ written	Quiz	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
MATH 240	a	40	48	12	100	M1	30	75

Course Code	Program Outputs	Midterm:Essay/ written	Final:Essay/ written	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
ME 101	a	50	50	100	M1	40	75

Program Outputs	Midterm:Essay/ written	Quiz	Project	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
e	15	5	80	100	M1	30	75

Course Code	Program Outputs	Midterm:Essay/ written	Midterm:Essay/ written	Final:Essay/ written	Quiz	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
ME 211	a	20	20	30	30	100	M1	48	75

Program Outputs	Lab work	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
f	100	100	M1	70	75

Course Code	Program Outputs	Quiz	Quiz	Quiz	Quiz	Quiz	Quiz	Quiz	Quiz	Midterm	Midterm	Final
ME 231	a	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	25	25	30

Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
100	M1	35	75

Program Outputs	Lab work	Lab work	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
f	50	50	100	M1	65	75

Course Code	Program Outputs	Quiz	Midterm:Essay/ written	Midterm:Essay/ written	Final:Essay/ written	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)	
ME 341	a	10	25	25	40	100	M1	40	75	

Course Code	Program Outputs	Midterm:Essay/ written	Midterm:Essay/ written	Final:Essay/ written	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
ME 384	a	30	30	40	100	M1	30	75
	Program Outputs	Project	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)		
	b	100	100	M1	50	75		
	Program Outputs	Project	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)		
	e	100	100	M1	50	75		
	Program Outputs	Quiz	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)		
	f	100	100	M1	50	75		

Course Code	Program Outputs	Midterm	Midterm	Quiz	Homework	Final	Lab work	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
PHYS 101	a	15	20	15	5	25	20	100	M1	50	50
	Program Outputs	Midterm	Midterm	Quiz	Homework	Final	Lab work	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	b	15	20	15	5	25	20	100	M1	50	50
	Program Outputs	Midterm	Midterm	Quiz	Homework	Final	Lab work	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	e	15	20	15	5	25	20	100	M1	50	50
	Program Outputs	Midterm	Midterm	Quiz	Homework	Final	Lab work	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	g	15	20	15	5	25	20	100	M1	50	50

Course Code	Program Outputs	Midterm	Midterm	Quiz	Homework	Final	Lab work	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
PHYS 102	a	15	20	15	5	25	20	100	M1	50	50
	Program Outputs	Midterm	Midterm	Quiz	Homework	Final	Lab work	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	b	15	20	15	5	25	20	100	M1	50	50
	Program Outputs	Midterm	Midterm	Quiz	Homework	Final	Lab work	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	e	15	20	15	5	25	20	100	M1	50	50
	Program Outputs	Midterm	Midterm	Quiz	Homework	Final	Lab work	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	g	15	20	15	5	25	20	100	M1	50	50

Course Code	Program Outputs	Blog	Final	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
TURK 101	c	70	30	100	M1	70	60
	Program Outputs	Blog	Final	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	g	70	30	100	M1	70	60

Course Code	Program Outputs	Blog	Final	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
TURK 102	c	70	30	100	M1	70	60
	Program Outputs	Blog	Final	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	g	70	30	100	M1	70	60

Ölçümlerde Kullanılan Metotlarla İlgili Açıklamalar / ***Explanations About the Methods Used in Measurements***

Bütün metotlar için sadece dersi geçen öğrencilerin notları kullanılacaktır. / *For all methods, only the grades of students who pass the course will be used.*

- G: Öğrencilerin ilgili program çıktısını kazanacağı öngörülen minimum not / *G: Minimum grade at which students attain the relevant program outcome*
- T: Dersin ilgili program çıktısının kazanımı için yeterli sayılacağı eşik öğrenci yüzdesi / *T: Threshold percentage of students for the course to be considered sufficient for the attainment of the relevant program outcome*
- M1: Öğrencilerin %T'sinin dönem toplamlarının en az G olması / *M1: T% of the students to have a semester total of at least G*
- M2: Öğrencilerin %T'sinin dönem toplamlarının en az bölümdeki dönem toplamlarının ortalaması kadar olması/ *M2: T% of the students of the department to have a semester total of at least that of the department average*
- M3: Öğrencilerin dönem toplamlarının ortalamasının en az G olması / *M3: Average semester total of students of the department to be at least G*
- M4: Öğrencilerin %T'sinin dönem toplamlarının en az tüm bölümlerdeki tüm öğrencilerin dönem toplamlarının ortalaması kadar olması / *M4: T% of the students of the department to have a semester total of at least average semester total of all students from all departments*

4.2.1.2. 2025-2026 Akademik Yılı Bahar Dönemi için / For 2025-2026 Academic Year Spring Semester;

Course Code	Program Outputs	Midterm:Essay/ written	Midterm:Essay/ written	Final:Essay/ written	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)				
CHEM 201	a	30	30	40	100	M1	50	70				
Course Code	**Program Outputs**	**Lab exam**	**Midterm:Essay/ written**	**Final:Essay/ written**	**Total Contribution**	**Qualification Calculation Method**	**(Average) Qualification Grade**	**Qualification Threshold (%)**				
CS 115	a	20	40	40	100	M1	40	75				
Course Code	**Program Outputs**	**Academic Essay 1**	**Essay**	**Oral Presentation**	**Student Led Discussion**	**Academic Summary and Critical Response Task**	**Self-progress Reflection Task**	**Final**	**Total Contribution**	**Qualification Calculation Method**	**(Average) Qualification Grade**	**Qualification Threshold (%)**
ENG 101	c	20	25	8	7	10	5	25	100	M1	70	75
	Program Outputs	**Academic Essay 1**	**Essay**	**Oral Presentation**	**Student Led Discussion**	**Academic Summary and Critical Response Task**	**Self-progress Reflection Task**	**Final**	**Total Contribution**	**Qualification Calculation Method**	**(Average) Qualification Grade**	**Qualification Threshold (%)**
	g	20	25	8	7	10	5	25	100	M1	70	75
Course Code	**Program Outputs**	**Library Skills Task**	**Academic Essay**	**Oral Presentation**	**Research Paper Outline**	**Research essay**	**Interviews**	**Total Contribution**	**Qualification Calculation Method**	**(Average) Qualification Grade**	**Qualification Threshold (%)**	
ENG 102	c	5	20	20	10	30	15	100	M1	70	70	
	Program Outputs	**Library Skills Task**	**Academic Essay**	**Oral Presentation**	**Research Paper Outline**	**Research essay**	**Interviews**	**Total Contribution**	**Qualification Calculation Method**	**(Average) Qualification Grade**	**Qualification Threshold (%)**	
	g	5	20	20	10	30	15	100	M1	70	70	
Course Code	**Program Outputs**	**Presentations**	**Written Project Proposal**	**Written Final Report**	**Interviews**	**Interviews**	**Presentations**	**Total Contribution**	**Qualification Calculation Method**	**(Average) Qualification Grade**	**Qualification Threshold (%)**	
ENG 401	c	15	20	35	5	5	20	100	M1	70	80	
	Program Outputs	**Presentations**	**Written Project Proposal**	**Written Final Report**	**Interviews**	**Interviews**	**Presentations**	**Total Contribution**	**Qualification Calculation Method**	**(Average) Qualification Grade**	**Qualification Threshold (%)**	
	g	15	20	35	5	5	20	100	M1	70	80	

Course Code	Program Outputs	In-class participation	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
GE 100	c	100	100	M1	12	80
	Program Outputs	In-class participation	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	d	100	100	M1	12	80
	Program Outputs	In-class participation	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	g	100	100	M1	12	80
	Program Outputs	In-class participation	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	h	100	100	M1	12	80

Course Code	Program Outputs	In-class participation	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
GE 251	c	100	100	M1	70	70
	Program Outputs	In-class participation	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	g	100	100	M1	70	70
	Program Outputs	In-class participation	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	h	100	100	M1	70	70

Course Code	Program Outputs	Final	Midterm	Quiz	Quiz	In-class participation	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
GE 301	d	35	25	10	10	20	100	M1	45	60
	Program Outputs	Final	Midterm	Quiz	Quiz	In-class participation	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	e	35	25	10	10	20	100	M1	45	60
	Program Outputs	Final	Midterm	Quiz	Quiz	In-class participation	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	g	35	25	10	10	20	100	M1	45	60

Course Code	Program Outputs	Oral presentation	Research essay	Performance	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
HIST 200	c	10	60	30	100	M1	70	75
	Program Outputs	Oral presentation	Research essay	Performance	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	e	10	60	30	100	M1	70	75
	Program Outputs	Oral presentation	Research essay	Performance	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	g	10	60	30	100	M1	70	75

Course Code	Program Outputs	Quizzes	Course Project	In-class participation	Final Examination	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
HUM 111	c	30	30	10	30	100	M1	60	75
	Program Outputs	Quizzes	Course Project	In-class participation	Final Examination	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	g	30	30	10	30	100	M1	60	75

Course Code	Program Outputs	Quizzes	In-class participation	Final:Essay/ written	Project	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
HUM 112	c	30	10	30	30	100	M1	60	75
	Program Outputs	Quizzes	In-class participation	Final:Essay/ written	Project	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	g	30	10	30	30	100	M1	60	75

Course Code	Program Outputs	Midterm	Midterm	Final	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
MATH 101	a	30	30	40	100	M1	40	50
	Program Outputs	Midterm	Midterm	Final	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	c	30	30	40	100	M1	40	50
	Program Outputs	Midterm	Midterm	Final	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	e	30	30	40	100	M1	40	50

Course Code	Program Outputs	Midterm:Essay/ written	Midterm:Essay/ written	Final:Essay/ written	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
MATH 102	a	30	30	40	100	M1	40	50
	Program Outputs	Midterm:Essay/ written	Midterm:Essay/ written	Final:Essay/ written	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	c	30	30	40	100	M1	40	50
	Program Outputs	Midterm:Essay/ written	Midterm:Essay/ written	Final:Essay/ written	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	e	30	30	40	100	M1	40	50

Course Code	Program Outputs	Midterm:Essay/ written	Final:Essay/ written	Homework	Quiz	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
MATH 220	a	40	45	10	5	100	M1	40	40

Course Code	Program Outputs	Midterm:Essay/ written	Final:Essay/ written	Quiz	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
MATH 240	a	40	48	12	100	M1	30	75

Course Code	Program Outputs	Quiz	Quiz	Quiz	Midterm	Midterm	Final	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
MBG 110	a	5	5	5	25	30	30	100	M1	50	50

Course Code	Program Outputs	Midterm:Essay/ written	Final:Essay/ written	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
ME 101	a	50	50	100	M1	40	75
	Program Outputs	Midterm:Essay/ written	Quiz	Project	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	e	15	5	80	100	M1	30	75

Course Code	Program Outputs	Final	Midterm:Essay/ written	Midterm:Essay/ written	Quiz	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
ME 212	a	30	20	20	30	100	M1	52	75
	Program Outputs	Lab work	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)			
	f	100	100	M1	75	75			

Course Code	Program Outputs	Quiz	Quiz	Quiz	Quiz	Quiz	Lab work	Lab work	Lab work	Midterm:Essay/ written	Final:Essay/written	Project
ME 232	a	3	3	3	3	3	5	5	5	25	30	15
		Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)							
		100	M1	50	75							
	Program Outputs	Project	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)						
	c	100	100	M1	50	75						
	Program Outputs	Lab work	Lab work	Lab work	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)				
	f	33	34	33	100	M1	50	75				

Course Code	Program Outputs	Midterm:Essay/ written	Quiz	Quiz	Quiz	Quiz	Quiz	Quiz	Quiz	Final:Essay/written	In-class attendance	Lab work
ME 342	a	30	3,57	3,57	3,57	3,57	3,57	3,58	3,57	35	5	5
		Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)							
		100	M1	47,5	75							

Course Code	Program Outputs	Lab work	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
ME 371	e	100	100	M1	50	75
	Program Outputs	Project	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	f	100	100	M1	50	75

Course Code	Program Outputs	Project	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
ME 381	b	100	100	M1	70	75

Course Code	Program Outputs	Midterm	Midterm	Quiz	Homework	Final	Lab work	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
PHYS 101	a	20	20	10	5	25	20	100	M1	50	50
	Program Outputs	Midterm	Midterm	Quiz	Homework	Final	Lab work	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	b	20	20	10	5	25	20	100	M1	50	50
	Program Outputs	Midterm	Midterm	Quiz	Homework	Final	Lab work	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	e	20	20	10	5	25	20	100	M1	50	50
	Program Outputs	Midterm	Midterm	Quiz	Homework	Final	Lab work	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	g	20	20	10	5	25	20	100	M1	50	50

Course Code	Program Outputs	Midterm	Midterm	Quiz	Homework	Final	Lab work	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
PHYS 102	a	20	20	10	5	25	20	100	M1	50	50
	Program Outputs	Midterm	Midterm	Quiz	Homework	Final	Lab work	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	b	20	20	10	5	25	20	100	M1	50	50
	Program Outputs	Midterm	Midterm	Quiz	Homework	Final	Lab work	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	e	20	20	10	5	25	20	100	M1	50	50
	Program Outputs	Midterm	Midterm	Quiz	Homework	Final	Lab work	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	g	20	20	10	5	25	20	100	M1	50	50

Course Code	Program Outputs	Blog	Final Sınavı	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
TURK 101	c	70	30	100	M1	70	60
	Program Outputs	Blog	Final Sınavı	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	g	70	30	100	M1	70	60

Course Code	Program Outputs	Blog	Final Sınavı	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)	
TURK 102	c	70	30	100	M1	70	60	
	Program Outputs	**Blog**	**Final Sınavı**	**Total Contribution**	**Qualification Calculation Method**	**(Average) Qualification Grade**	**Qualification Threshold (%)**	
	g	70	30	100	M1	70	60	

Ölçümlerde Kullanılan Metotlarla İlgili Açıklamalar / ***Explanations About the Methods Used in Measurements***

Bütün metotlar için sadece dersi geçen öğrencilerin notları kullanılacaktır. / *For all methods, only the grades of students who pass the course will be used.*

- G = Bölüm tarafından belirlenmiş olan başarılı sayılabilecek minimum not / *G = Minimum grade that can be considered successful as determined by the department*
- T = Program çıktısı başarısı için eşik değer / *T = Threshold value for program output success*
- M1: Öğrencilerin %T'sinin dönem toplamlarının en az G olması / *M1: T% of the students to have a semester total of at least G*
- M2: Öğrencilerin %T'sinin dönem toplamlarının en az bölümdeki dönem toplamlarının ortalaması kadar olması/ *M2: T% of the students of the department to have a semester total of at least that of the department average*
- M3: Öğrencilerin dönem toplamlarının ortalamasının en az G olması / *M3: Average semester total of students of the department to be at least G*
- M4: Öğrencilerin %T'sinin dönem toplamlarının en az tüm bölümlerdeki tüm öğrencilerin dönem toplamlarının ortalaması kadar olması / *M4: T% of the students of the department to have a semester total of at least average semester total of all students from all departments*

4.2.2. PERFORMANS ÖLÇÜMLERİNDE KULLANILAN METOTLAR VE PERFORMANS SONUÇ DETAYLARI / *METHODS USED IN PERFORMANCE MEASUREMENTS AND PERFORMANCE RESULT DETAILS*

4.2.2.1. 2025-2026 Akademik Yılı Güz Dönemi için / For 2025-2026 Academic Year Fall Semester;

Program Çıktısı / *Program Outcome*	Yeterlilik Hesaplama Yöntemi / *Method*	(Ortalama) Yeterlilik Notu / *Minimum Successful Grade*	Yeterlilik Eşiği (%) / *Treshold Percentage (%)*	Toplam Öğrenci Sayısı / *Number of Students (All)*	Toplam Dept. Öğrenci Sayısı / *Number of Students (Dept.)*	Tüm Öğrenci Ort. / *Average (All Std.)*	Dept. Öğrenci Ort. / *Average (Dept. Std.)*	Yeterliliği Sağlayan Öğrenci Sayısı (Toplam) / Number of Succ. Students (All)	Yeterliliği Sağlayan Öğrenci Sayısı (Dept.) / *Number of Succ. Students (Dept.)*	Yeterlilik Oranı (Toplam Öğrenci) / Success Ratio (All)	Yeterlilik Oranı (Bölüm Öğrenci) / *Success Ratio (Dept.)*	Performans / *Performance*	Yeterlilik Oranı / *Success Ratio*
CHEM 201 - Malzeme Bilimi ve Teknolojisi / *CHEM 201 - Materials Science and Technology*													
a	M1	50	70	179	114	61.54	60.86	136	85	75.98	74.56	Yeterli √ / Sufficient √	74.56
CS 115 - Python ile Programlamaya Giriş / *CS 115 - Introduction to Programming in Python*													
a	M1	40	75	361	46	67.28	63.61	338	40	93.63	86.96	Yeterli √ / Sufficient √	86.96
ENG 101 - İngilizce ve Kompozisyon I / *ENG 101 - English and Composition I*													
c	M1	70	75	1478	70	83.35	86.27	1377	67	93.17	95.71	Yeterli √ / Sufficient √	95.71
g	M1	70	75	1478	70	83.35	86.27	1377	67	93.17	95.71	Yeterli √ / Sufficient √	95.71
ENG 102 - İngilizce ve Kompozisyon II / *ENG 102 - English and Composition II*													
c	M1	70	70	535	28	86.02	84.05	521	27	97.38	96.43	Yeterli √ / Sufficient √	96.43
g	M1	70	70	535	28	86.02	84.05	521	27	97.38	96.43	Yeterli √ / Sufficient √	96.43
ENG 401 - Teknik Rapor Yazma ve Sunum / *ENG 401 - Technical Report Writing and Presentation*													
c	M1	70	80	322	63	90.17	89.98	317	62	98.45	98.41	Yeterli √ / Sufficient √	98.41
g	M1	70	80	322	63	90.17	89.98	317	62	98.45	98.41	Yeterli √ / Sufficient √	98.41
GE 100 - Üniversite Hayatına Giriş / *GE 100 - Orientation*													
c	M1	12	80	1518	73	96.71	98.15	1518	73	100	100	Yeterli √ / Sufficient √	100
d	M1	12	80	1518	73	96.71	98.15	1518	73	100	100	Yeterli √ / Sufficient √	100
g	M1	12	80	1518	73	96.71	98.15	1518	73	100	100	Yeterli √ / Sufficient √	100
h	M1	12	80	1518	73	96.71	98.15	1518	73	100	100	Yeterli √ / Sufficient √	100

Program Çıktısı / *Program Outcome*	Yeterlilik Hesaplama Yöntemi / *Method*	(Ortalama) Yeterlilik Notu / *Minimum Successful Grade*	Yeterlilik Eşiği (%) / *Treshold Percentage (%)*	Toplam Öğrenci Sayısı / *Number of Students (All)*	Toplam Dept. Öğrenci Sayısı / *Number of Students (Dept.)*	Tüm Öğrenci Ort. / *Average (All Std.)*	Dept. Öğrenci Ort. / *Average (Dept. Std.)*	Yeterliliği Sağlayan Öğrenci Sayısı (Toplam) / Number of Succ. Students (All)	Yeterliliği Sağlayan Öğrenci Sayısı (Dept.) / *Number of Succ. Students (Dept.)*	Yeterlilik Oranı (Toplam Öğrenci) / Success Ratio (All)	Yeterlilik Oranı (Bölüm Öğrenci) / *Success Ratio (Dept.)*	Performans / *Performance*	Yeterlilik Oranı / *Success Ratio*
GE 251 - Üniversite Etkinlik Programı II / *GE 251 - Collegiate Activities Program II*													
c	M1	70	70	889	38	92.5	94.87	800	36	89.99	94.74	Yeterli √ / Sufficient √	94.74
g	M1	70	70	889	38	92.5	94.87	800	36	89.99	94.74	Yeterli √ / Sufficient √	94.74
h	M1	70	70	889	38	92.5	94.87	800	36	89.99	94.74	Yeterli √ / Sufficient √	94.74
GE 301 - Bilim, Teknoloji ve Toplum / *GE 301 - Science Technology and Society*													
d	M1	45	60	358	60	85.47	83.78	358	60	100	100	Yeterli √ / Sufficient √	100
e	M1	45	60	358	60	85.47	83.78	358	60	100	100	Yeterli √ / Sufficient √	100
g	M1	45	60	358	60	85.47	83.78	358	60	100	100	Yeterli √ / Sufficient √	100
HIST 200 - Türkiye Tarihi / *HIST 200 - History of Turkey*													
c	M1	70	75	1022	35	91.01	93.2	1006	35	98.43	100	Yeterli √ / Sufficient √	100
e	M1	70	75	1022	35	91.01	93.2	1006	35	98.43	100	Yeterli √ / Sufficient √	100
g	M1	70	75	1022	35	91.01	93.2	1006	35	98.43	100	Yeterli √ / Sufficient √	100
HUM 111 - Kültürler, Medeniyetler ve Düşünceler I / *HUM 111 - Cultures Civilizations and Ideas I*													
c	M1	60	75	1273	71	83.63	85.76	1262	71	99.14	100	Yeterli √ / Sufficient √	100
g	M1	60	75	1273	71	83.63	85.76	1262	71	99.14	100	Yeterli √ / Sufficient √	100
HUM 112 - Kültürler, Medeniyetler ve Düşünceler II / *HUM 112 - Cultures Civilizations and Ideas II*													
c	M1	60	75	289	10	83.97	85.93	285	10	98.62	100	Yeterli √ / Sufficient √	100
g	M1	60	75	289	10	83.97	85.93	285	10	98.62	100	Yeterli √ / Sufficient √	100
MATH 101 - Matematik I / *MATH 101 - Calculus I*													
a	M1	40	50	690	77	55.03	52.85	547	60	79.28	77.92	Yeterli √ / Sufficient √	77.92
c	M1	40	50	690	77	55.03	52.85	547	60	79.28	77.92	Yeterli √ / Sufficient √	77.92
e	M1	40	50	690	77	55.03	52.85	547	60	79.28	77.92	Yeterli √ / Sufficient √	77.92

Program Çıktısı / *Program Outcome*	Yeterlilik Hesaplama Yöntemi / *Method*	(Ortalama) Yeterlilik Notu / *Minimum Successful Grade*	Yeterlilik Eşiği (%) / *Treshold Percentage (%)*	Toplam Öğrenci Sayısı / *Number of Students (All)*	Toplam Dept. Öğrenci Sayısı / *Number of Students (Dept.)*	Tüm Öğrenci Ort. / *Average (All Std.)*	Dept. Öğrenci Ort. / *Average (Dept. Std.)*	Yeterliliği Sağlayan Öğrenci Sayısı (Toplam) / Number of Succ. Students (All)	Yeterliliği Sağlayan Öğrenci Sayısı (Dept.) / *Number of Succ. Students (Dept.)*	Yeterlilik Oranı (Toplam Öğrenci) / Success Ratio (All)	Yeterlilik Oranı (Bölüm Öğrenci) / *Success Ratio (Dept.)*	Performans / *Performance*	Yeterlilik Oranı / *Success Ratio*
MATH 102 - Matematik II / *MATH102 - Calculus II*													
a	M1	40	50	183	26	59.14	56.19	150	21	81.97	80.77	Yeterli √ / Sufficient √	80.77
c	M1	40	50	183	26	59.14	56.19	150	21	81.97	80.77	Yeterli √ / Sufficient √	80.77
e	M1	40	50	183	26	59.14	56.19	150	21	81.97	80.77	Yeterli √ / Sufficient √	80.77
MATH 220 - Doğrusal Cebir / *MATH 220 - Linear Algebra*													
a	M1	40	40	95	83	68.93	69.63	95	83	100	100	Yeterli √ / Sufficient √	100
MATH 230 - Mühendisler İçin Olasılık ve İstatistik / *MATH230 - Probability and Statistics for Engineers*													
a	M1	30	75	223	71	65.13	58.94	223	71	100	100	Yeterli √ / Sufficient √	100
MATH 240 - Türevsel Denklemler / *MATH240 - Differential Equations*													
a	M1	30	75	52	20	64.62	59.42	52	20	100	100	Yeterli √ / Sufficient √	100
ME 101 - Makine Mühendisliğinin Temelleri / *ME 101 - Fundamentals of Mechanical Engineering*													
a	M1	40	75	70	70	74.52	74.52	69	69	98.57	98.57	Yeterli √ / Sufficient √	98.57
e	M1	30	75	70	70	86.54	86.54	70	70	100	100	Yeterli √ / Sufficient √	100
ME 211 - Termoakışkanlar Mühendisliği I / *ME 211 - Thermo-Fluids Engineering I*													
a	M1	48	75	76	76	61.47	61.47	60	60	78.95	78.95	Yeterli √ / Sufficient √	78.95
f	M1	70	75	76	76	78.69	78.69	60	60	78.95	78.95	Yeterli √ / Sufficient √	78.95
ME 231 - Mekanik ve Malzeme I / *ME 231 - Mechanics and Materials I*													
a	M1	35	75	88	88	73.63	73.63	86	86	97.73	97.73	Yeterli √ / Sufficient √	97.73
f	M1	65	75	88	88	97.03	97.03	88	88	100	100	Yeterli √ / Sufficient √	100
ME 341 - Dinamik ve Kontrol I / *ME 341 - Dynamics and Control I*													
a	M1	40	75	117	117	51.53	51.53	91	91	77.78	77.78	Yeterli √ / Sufficient √	77.78

Program Çıktısı / *Program Outcome*	Yeterlilik Hesaplama Yöntemi / *Method*	(Ortalama) Yeterlilik Notu / *Minimum Successful Grade*	Yeterlilik Eşiği (%) / *Treshold Percentage (%)*	Toplam Öğrenci Sayısı / *Number of Students (All)*	Toplam Dept. Öğrenci Sayısı / *Number of Students (Dept.)*	Tüm Öğrenci Ort. / *Average (All Std.)*	Dept. Öğrenci Ort. / *Average (Dept. Std.)*	Yeterliliği Sağlayan Öğrenci Sayısı (Toplam) / Number of Succ. Students (All)	Yeterliliği Sağlayan Öğrenci Sayısı (Dept.) / *Number of Succ. Students (Dept.)*	Yeterlilik Oranı (Toplam Öğrenci) / Success Ratio (All)	Yeterlilik Oranı (Bölüm Öğrenci) / *Success Ratio (Dept.)*	Performans / *Performance*	Yeterlilik Oranı / *Success Ratio*
MATH 102 - Matematik II / *MATH102 - Calculus II*													
a	M1	40	50	183	26	59.14	56.19	150	21	81.97	80.77	Yeterli √ / Sufficient √	80.77
c	M1	40	50	183	26	59.14	56.19	150	21	81.97	80.77	Yeterli √ / Sufficient √	80.77
e	M1	40	50	183	26	59.14	56.19	150	21	81.97	80.77	Yeterli √ / Sufficient √	80.77
MATH 220 - Doğrusal Cebir / *MATH 220 - Linear Algebra*													
a	M1	40	40	95	83	68.93	69.63	95	83	100	100	Yeterli √ / Sufficient √	100
MATH 230 - Mühendisler İçin Olasılık ve İstatistik / *MATH230 - Probability and Statistics for Engineers*													
a	M1	30	75	223	71	65.13	58.94	223	71	100	100	Yeterli √ / Sufficient √	100
MATH 240 - Türevsel Denklemler / *MATH240 - Differential Equations*													
a	M1	30	75	52	20	64.62	59.42	52	20	100	100	Yeterli √ / Sufficient √	100
ME 101 - Makine Mühendisliğinin Temelleri / *ME 101 - Fundamentals of Mechanical Engineering*													
a	M1	40	75	70	70	74.52	74.52	69	69	98.57	98.57	Yeterli √ / Sufficient √	98.57
e	M1	30	75	70	70	86.54	86.54	70	70	100	100	Yeterli √ / Sufficient √	100
ME 211 - Termoakışkanlar Mühendisliği I / *ME 211 - Thermo-Fluids Engineering I*													
a	M1	48	75	76	76	61.47	61.47	60	60	78.95	78.95	Yeterli √ / Sufficient √	78.95
f	M1	70	75	76	76	78.69	78.69	60	60	78.95	78.95	Yeterli √ / Sufficient √	78.95
ME 231 - Mekanik ve Malzeme I / *ME 231 - Mechanics and Materials I*													
a	M1	35	75	88	88	73.63	73.63	86	86	97.73	97.73	Yeterli √ / Sufficient √	97.73
f	M1	65	75	88	88	97.03	97.03	88	88	100	100	Yeterli √ / Sufficient √	100
ME 341 - Dinamik ve Kontrol I / *ME 341 - Dynamics and Control I*													
a	M1	40	75	117	117	51.53	51.53	91	91	77.78	77.78	Yeterli √ / Sufficient √	77.78

4.2.2.2. 2025-2026 Akademik Yılı Bahar Dönemi için / For 2025-2026 Academic Year Spring Semester;

Program Çıktısı / Program Outcome	Yeterlilik Hesaplama Yöntemi / *Method*	(Ortalama) Yeterlilik Notu / *Minimum Successful Grade*	Yeterlilik Eşiği (%) / *Treshold Percentage (%)*	Toplam Öğrenci Sayısı / *Number of Students (All)*	Toplam Dept. Öğrenci Sayısı / *Number of Students (Dept.)*	Tüm Öğrenci Ort. / *Average (All Std.)*	Dept. Öğrenci Ort. / *Average (Dept. Std.)*	Yeterliliği Sağlayan Öğrenci Sayısı (Toplam) / Number of Succ. Students (All)	Yeterliliği Sağlayan Öğrenci Sayısı (Dept.) / *Number of Succ. Students (Dept.)*	Yeterlilik Oranı (Toplam Öğrenci) / Success Ratio (All)	Yeterlilik Oranı (Bölüm Öğrenci) / *Success Ratio (Dept.)*	Performans / *Performance*	Yeterlilik Oranı / *Success Ratio*
CHEM 201 - Malzeme Bilimi ve Teknolojisi / *CHEM 201 - Materials Science and Technology*													
a	M1	50	70	91	61	58.23	60.47	62	47	68.13	77.05	Yeterli √ / Sufficient √	77.05
CS 115 - Python ile Programlamaya Giriş / *CS 115 - Introduction to Programming in Python*													
a	M1	40	75	273	108	67.50	68.04	269	106	98.53	98.15	Yeterli √ / Sufficient √	98.15
ENG 101 - İngilizce ve Kompozisyon I / *ENG 101 - English and Composition I*													
c	M1	70	75	672	22	81.86	82.60	623	21	92.71	95.45	Yeterli √ / Sufficient √	95.45
g	M1	70	75	672	22	81.86	82.60	623	21	92.71	95.45	Yeterli √ / Sufficient √	95.45
ENG 102 - İngilizce ve Kompozisyon II / *ENG 102 - English and Composition II*													
c	M1	70	70	1314	61	85.76	87.25	1284	59	97.72	96.72	Yeterli √ / Sufficient √	96.72
g	M1	70	70	1314	61	85.76	87.25	1284	59	97.72	96.72	Yeterli √ / Sufficient √	96.72
ENG 401 - Teknik Rapor Yazma ve Sunum / *ENG 401 - Technical Report Writing and Presentation*													
c	M1	70	80	314	32	90.66	88.99	312	32	99.36	100.00	Yeterli √ / Sufficient √	100.00
g	M1	70	80	314	32	90.66	88.99	312	32	99.36	100.00	Yeterli √ / Sufficient √	100.00
GE 100 - Üniversite Hayatına Giriş / *GE 100 - Orientation*													
c	M1	12	80	545	18	95.50	96.94	545	18	100.00	100.00	Yeterli √ / Sufficient √	100.00
d	M1	12	80	545	18	95.50	96.94	545	18	100.00	100.00	Yeterli √ / Sufficient √	100.00
g	M1	12	80	545	18	95.50	96.94	545	18	100.00	100.00	Yeterli √ / Sufficient √	100.00
h	M1	12	80	545	18	95.50	96.94	545	18	100.00	100.00	Yeterli √ / Sufficient √	100.00
GE 251 - Üniversite Etkinlik Programı II / *GE 251 - Collegiate Activities Program II*													
c	M1	70	70	1401	76	93.93	93.95	1301	68	92.86	89.47	Yeterli √ / Sufficient √	89.47
g	M1	70	70	1401	76	93.93	93.95	1301	68	92.86	89.47	Yeterli √ / Sufficient √	89.47
h	M1	70	70	1401	76	93.93	93.95	1301	68	92.86	89.47	Yeterli √ / Sufficient √	89.47

Program Çıktısı / Program Outcome	Yeterlilik Hesaplama Yöntemi / *Method*	(Ortalama) Yeterlilik Notu / *Minimum Successful Grade*	Yeterlilik Eşiği (%) / *Treshold Percentage (%)*	Toplam Öğrenci Sayısı / *Number of Students (All)*	Toplam Dept. Öğrenci Sayısı / *Number of Students (Dept.)*	Tüm Öğrenci Ort. / *Average (All Std.)*	Dept. Öğrenci Ort. / *Average (Dept. Std.)*	Yeterliliği Sağlayan Öğrenci Sayısı (Toplam) / Number of Succ. Students (All)	Yeterliliği Sağlayan Öğrenci Sayısı (Dept.) / *Number of Succ. Students (Dept.)*	Yeterlilik Oranı (Toplam Öğrenci) / Success Ratio (All)	Yeterlilik Oranı (Bölüm Öğrenci) / *Success Ratio (Dept.)*	Performans / *Performance*	Yeterlilik Oranı / *Success Ratio*
GE 301 - Bilim, Teknoloji ve Toplum / *GE 301 - Science Technology and Society*													
d	M1	45	60	258	24	83.61	82.75	254	24	98.45	100.00	Yeterli √ / Sufficient √	100.00
e	M1	45	60	258	24	83.61	82.75	254	24	98.45	100.00	Yeterli √ / Sufficient √	100.00
g	M1	45	60	258	24	83.61	82.75	254	24	98.45	100.00	Yeterli √ / Sufficient √	100.00
HIST 200 - Türkiye Tarihi / *HIST 200 - History of Turkey*													
c	M1	70	75	917	53	91.63	94.64	900	53	98.15	100.00	Yeterli √ / Sufficient √	100.00
e	M1	70	75	917	53	91.63	94.64	900	53	98.15	100.00	Yeterli √ / Sufficient √	100.00
g	M1	70	75	917	53	91.63	94.64	900	53	98.15	100.00	Yeterli √ / Sufficient √	100.00
HUM 111 - Kültürler, Medeniyetler ve Düşünceler I / *HUM 111 - Cultures Civilizations and Ideas I*													
c	M1	60	75	504	25	81.94	83.34	500	25	99.21	100.00	Yeterli √ / Sufficient √	100.00
g	M1	60	75	504	25	81.94	83.34	500	25	99.21	100.00	Yeterli √ / Sufficient √	100.00
HUM 112 - Kültürler, Medeniyetler ve Düşünceler II / *HUM 112 - Cultures Civilizations and Ideas II*													
c	M1	60	75	1009	86	85.11	86.12	1002	85	99.31	98.84	Yeterli √ / Sufficient √	98.84
g	M1	60	75	1009	86	85.11	86.12	1002	85	99.31	98.84	Yeterli √ / Sufficient √	98.84
MATH 101 - Matematik I / *MATH 101 - Calculus I*													
a	M1	40	50	220	21	52.69	49.41	149	11	67.73	52.38	Yeterli √ / Sufficient √	52.38
c	M1	40	50	220	21	52.69	49.41	149	11	67.73	52.38	Yeterli √ / Sufficient √	52.38
e	M1	40	50	220	21	52.69	49.41	149	11	67.73	52.38	Yeterli √ / Sufficient √	52.38
MATH 102 - Matematik II / *MATH 102 - Calculus II*													
a	M1	40	50	618	67	49.37	48.69	432	48	69.90	71.64	Yeterli √ / Sufficient √	71.64
c	M1	40	50	618	67	49.37	48.69	432	48	69.90	71.64	Yeterli √ / Sufficient √	71.64
e	M1	40	50	618	67	49.37	48.69	432	48	69.90	71.64	Yeterli √ / Sufficient √	71.64

Program Çıktısı / Program Outcome	Yeterlilik Hesaplama Yöntemi / *Method*	(Ortalama) Yeterlilik Notu / *Minimum Successful Grade*	Yeterlilik Eşiği (%) / *Treshold Percentage (%)*	Toplam Öğrenci Sayısı / *Number of Students (All)*	Toplam Dept. Öğrenci Sayısı / *Number of Students (Dept.)*	Tüm Öğrenci Ort. / *Average (All Std.)*	Dept. Öğrenci Ort. / *Average (Dept. Std.)*	Yeterliliği Sağlayan Öğrenci Sayısı (Toplam) / Number of Succ. Students (All)	Yeterliliği Sağlayan Öğrenci Sayısı (Dept.) / *Number of Succ. Students (Dept.)*	Yeterlilik Oranı (Toplam Öğrenci) / Success Ratio (All)	Yeterlilik Oranı (Bölüm Öğrenci) / *Success Ratio (Dept.)*	Performans / *Performance*	Yeterlilik Oranı / *Success Ratio*
MATH 220 - Doğrusal Cebir / *MATH 220 - Linear Algebra*													
a	M1	40	40	54	36	60.09	63.62	45	32	83.33	88.89	Yeterli √ / Sufficient √	88.89
MATH 240 - Türevsel Denklemler / *MATH 240 - Differential Equations*													
a	M1	30	75	81	61	60.28	61.54	78	58	96.30	95.08	Yeterli √ / Sufficient √	95.08
MBG 110 - Modern Biyolojiye Giriş / *MBG 110 - Introduction to Modern Biology*													
a	M1	50	50	570	33	68.93	79.85	497	33	87.19	100.00	Yeterli √ / Sufficient √	100.00
ME 101 - Makine Mühendisliğinin Temelleri / *ME 101 - Fundamentals of Mechanical Engineering*													
a	M1	40	75	21	21	67.69	67.69	21	21	100.00	100.00	Yeterli √ / Sufficient √	100.00
e	M1	30	75	21	21	81.75	81.75	21	21	100.00	100.00	Yeterli √ / Sufficient √	100.00
ME 212 - Termoakışkanlar Mühendisliği II / *ME 212 - Thermo-Fluids Engineering II*													
a	M1	52	75	80	80	60.29	60.29	47	47	58.75	58.75	İyileştirmeye Açık! / Insufficient!	58.75
f	M1	75	75	80	80	84.74	84.74	70	70	87.50	87.50	Yeterli √ / Sufficient √	87.50
ME 232 - Mekanik ve Malzeme II / *ME 232 - Mechanics and Materials II*													
a	M1	50	75	92	92	69.42	69.42	82	82	89.13	89.13	Yeterli √ / Sufficient √	89.13
c	M1	50	75	92	92	80.25	80.25	92	92	100.00	100.00	Yeterli √ / Sufficient √	100.00
f	M1	50	75	92	92	71.24	71.24	83	83	90.22	90.22	Yeterli √ / Sufficient √	90.22
ME 342 - Dinamik ve Kontrol II / *ME 342 - Dynamics and Control II*													
a	M1	47,5	75	104	104	61.62	61.62	88	88	84.62	84.62	Yeterli √ / Sufficient √	84.62
ME 371 - Ölçme ve Enstürmantasyon / *ME 371 - Measurement and Instrumentation*													
e	M1	50	75	105	104	90.16	90.13	104	103	99.05	99.04	Yeterli √ / Sufficient √	99.04
f	M1	50	75	105	104	77.37	77.30	105	104	100.00	100.00	Yeterli √ / Sufficient √	100.00
ME 381 - Tasarım ve İmalat / *ME 381 - Design and Manufacturing*													
b	M1	70	75	116	116	81.48	81.48	116	116	100.00	100.00	Yeterli √ / Sufficient √	100.00

Program Çıktısı / Program Outcome	Yeterlilik Hesaplama Yöntemi / *Method*	(Ortalama) Yeterlilik Notu / *Minimum Successful Grade*	Yeterlilik Eşiği (%) / *Treshold Percentage (%)*	Toplam Öğrenci Sayısı / *Number of Students (All)*	Toplam Dept. Öğrenci Sayısı / *Number of Students (Dept.)*	Tüm Öğrenci Ort. / *Average (All Std.)*	Dept. Öğrenci Ort. / *Average (Dept. Std.)*	Yeterliliği Sağlayan Öğrenci Sayısı (Toplam) / Number of Succ. Students (All)	Yeterliliği Sağlayan Öğrenci Sayısı (Dept.) / *Number of Succ. Students (Dept.)*	Yeterlilik Oranı (Toplam Öğrenci) / Success Ratio (All)	Yeterlilik Oranı (Bölüm Öğrenci) / *Success Ratio (Dept.)*	Performans / *Performance*	Yeterlilik Oranı / *Success Ratio*
PHYS 101 - Genel Fizik I / *PHYS 101 - General Physics I*													
a	M1	50	50	197	25	65.15	59.50	157	20	79.70	80.00	Yeterli √ / Sufficient √	80.00
b	M1	50	50	197	25	65.15	59.50	157	20	79.70	80.00	Yeterli √ / Sufficient √	80.00
e	M1	50	50	197	25	65.15	59.50	157	20	79.70	80.00	Yeterli √ / Sufficient √	80.00
g	M1	50	50	197	25	65.15	59.50	157	20	79.70	80.00	Yeterli √ / Sufficient √	80.00
PHYS 102 - Genel Fizik II / *PHYS 102 - General Physics II*													
a	M1	50	50	649	73	66.67	65.90	570	63	87.83	86.30	Yeterli √ / Sufficient √	86.30
b	M1	50	50	649	73	66.67	65.90	570	63	87.83	86.30	Yeterli √ / Sufficient √	86.30
e	M1	50	50	649	73	66.67	65.90	570	63	87.83	86.30	Yeterli √ / Sufficient √	86.30
g	M1	50	50	649	73	66.67	65.90	570	63	87.83	86.30	Yeterli √ / Sufficient √	86.30
TURK 101 - Türkçe I / *TURK 101 - Turkish I*													
c	M1	70	60	597	20	85.40	85.16	578	20	96.82	100.00	Yeterli √ / Sufficient √	100.00
g	M1	70	60	597	20	85.40	85.16	578	20	96.82	100.00	Yeterli √ / Sufficient √	100.00
TURK 102 - Türkçe II / *TURK 102 - Turkish II*													
c	M1	70	60	1352	67	88.98	90.42	1335	67	98.74	100.00	Yeterli √ / Sufficient √	100.00
g	M1	70	60	1352	67	88.98	90.42	1335	67	98.74	100.00	Yeterli √ / Sufficient √	100.00

4.3. PERFORMANS ÖLÇÜM SONUÇLARI / *PERFORMANCE MEASUREMENT RESULTS*

4.3.1. PROGRAM ÇIKTILARI PERFORMANS TABLOSU / *PROGRAM OUTCOMES PERFORMANCE TABLE*

4.3.1.1. 2025-2026 Akademik Yılı Güz Dönemi için / For 2025-2026 Academic Year Fall Semester;

Dersler / *Courses*	Program Çıktıları / *Program Outcomes*							
	a	b	c	d	e	f	g	h
CHEM 201	74.56							
CS 115	86.96							
ENG 101			95.71				95.71	
ENG 102			96.43				96.43	
ENG 401			98.41				98.41	
GE 100			100	100			100	100
GE 251			94.74				94.74	94.74
GE 301				100	100		100	
HIST 200			100		100		100	
HUM 111			100				100	
HUM 112			100				100	
MATH 101	77.92		77.92		77.92			
MATH 102	80.77		80.77		80.77			
MATH 220	100							
MATH 230	100							
MATH 240	100							
ME 101	98.57				100			
ME 211	78.95					78.95		
ME 231	97.73					100		
ME 341	77.78							
ME 384	98.36	100			100	85.25		
PHYS 101	95.89	95.89			95.89		95.89	
PHYS 102	83.33	83.33			83.33		83.33	
TURK 101			97.01				97.01	
TURK 102			100				100	

Tablo.4.3.1.1. 2025-2026 Akademik Yılı Güz Dönemi Makine Mühendisliği Lisans Programı Program Çıktıları Performans Tablosu / ***Table.4.3.1.1.*** *2025-2026 Academic Year Fall Semester Mechanical Engineering Undergraduate Program - Program Outcomes Performance Table*

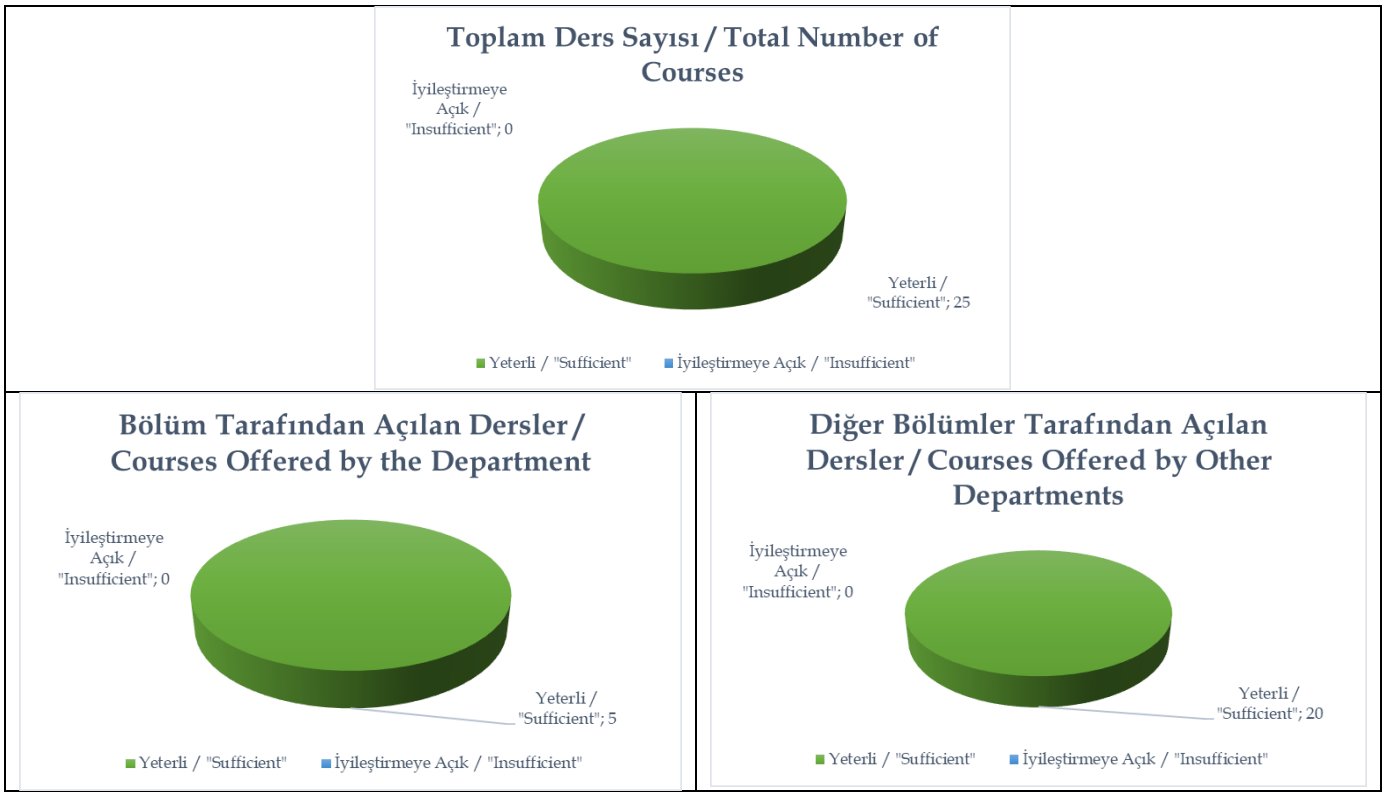
4.3.1.2. *2025-2026 Akademik Yılı Bahar Dönemi için / For 2025-2026 Academic Year Spring Semester;*

Dersler / *Courses*	Program Çıktıları / *Program Outcomes*							
	a	b	c	d	e	f	g	h
CHEM 201	77.05							
CS 115	98.15							
ENG 101			95.45				95.45	
ENG 102			96.72				96.72	
ENG 401			100.00				100.00	
GE 100			100.00	100.00			100.00	100.00
GE 251			89.47				89.47	89.47
GE 301				100.00	100.00		100.00	
HIST 200			100.00		100.00		100.00	
HUM 111			100.00				100.00	
HUM 112			98.84				98.84	
MATH 101	52.38		52.38		52.38			
MATH 102	71.64		71.64		71.64			
MATH 220	88.89							
MATH 240	95.08							
MBG 110	100.00							
ME 101	100.00				100.00			
ME 212	58.75					87.50		
ME 232	89.13		100.00			90.22		
ME 342	84.62							
ME 371					99.04	100.00		
ME 381		100.00						
PHYS 101	80.00	80.00			80.00		80.00	
PHYS 102	86.30	86.30			86.30		86.30	
TURK 101			100.00				100.00	
TURK 102			100.00				100.00	

Tablo.4.3.1.2. 2025-2026 Akademik Yılı Bahar Dönemi Makine Mühendisliği Lisans Programı Program Çıktıları Performans Tablosu / ***Table.4.3.1.2.*** *2025-2026 Academic Year Spring Semester Mechanical Engineering Undergraduate Program - Program Outcomes Performance Table*

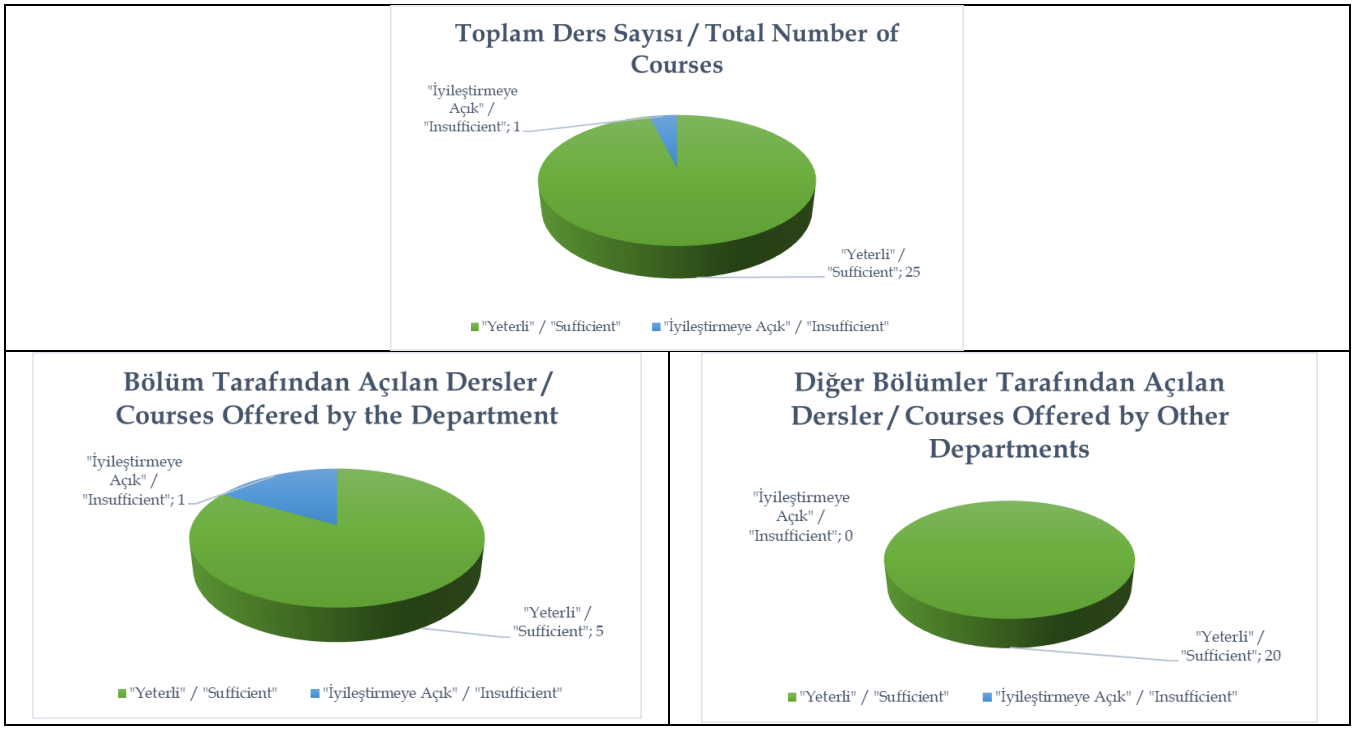
4.3.2. PROGRAM ÇIKTILARI PERFORMANS ANALİZLERİ / *PROGRAM OUTCOMES PERFORMANCE ANALYSIS*

4.3.2.1. 2025-2026 Akademik Yılı Güz Dönemi için / For 2025-2026 Academic Year Fall Semester;



Tablo.4.3.2.1. 2025-2026 Akademik Yılı Güz Dönemi Makine Mühendisliği Lisans Programı Program Çıktıları Performans Analizleri Tablosu (Dersler için) / ***Table.4.3.2.1.*** *2025-2026 Academic Year Fall Semester Mechanical Engineering Undergraduate Program - Program Outcomes Performance Analysis Table (For Courses)*

4.3.2.2. *2025-2026 Akademik Yılı Bahar Dönemi için / For 2025-2026 Academic Year Spirng Semester;*



Tablo.4.3.2.2. 2025-2026 Akademik Yılı Bahar Dönemi Makine Mühendisliği Lisans Programı Program Çıktıları Performans Analizleri Tablosu (Dersler için) / ***Table.4.3.2.2.*** *2025-2026 Academic Year Spring Semester Mechanical Engineering Undergraduate Program - Program Outcomes Performance Analysis Table (For Courses)*

	**ME 212 için a program çıktısında yeterlilik kriteri sağlanamamıştır. /** ***The qualification criteria for ME 212, program outcome a was insufficient.***

5. DEĞERLENDİRME / *EVALUATION*

5.1. PROGRAM ÇIKTILARI ÖLÇÜM SONUÇLARININ DEĞERLENDİRİLMESİ / *EVALUATION OF PROGRAM OUTCOMES MEASUREMENT RESULTS*

The program outcomes measurement results for the 2025–2026 academic year were reviewed based on the Fall and Spring semester assessment data. Overall, the results indicate that the program outcomes were achieved at a satisfactory level in the evaluated courses. The only insufficient result was observed in ME 212 Thermo-Fluids Engineering II for program outcome (a), which corresponds to the ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics. The performance success ratio for this outcome was 58.75%, below the required threshold. Even though it improved nearly 6% from the last year, further actions should be taken to reach the desired level.

The instructor of ME 212 reviewed the assessment results and noted that some students had difficulty applying fundamental thermo-fluids engineering principles to formulate and solve complex engineering problems. As a corrective action, more class time will be devoted to solving representative problems, with an emphasis on understanding the problem setup and interpreting the physical meaning of the results. Additional examples and practice problems related to real thermo-fluid applications will also be incorporated throughout the semester. The department will monitor the performance of this outcome in the next assessment cycle to evaluate the effectiveness of these actions.

In addition to the direct course-based assessment results, feedback collected through student QME meetings was reviewed by the department. Student representatives provided comments on several courses and curriculum components, including the integration of mathematics with engineering applications, the revised positioning of ME 371 and ME 384, the structure of ME 381, internship expectations, graduation projects, and seminar access. These comments were considered as complementary qualitative input for the continuous improvement process. Students generally supported several recent curriculum changes, such as moving programming earlier in the curriculum and revising the order of selected courses. They also emphasized the need to connect mathematics courses more visibly to engineering applications, to continue refining laboratory and project components.

5.2. EĞİTİM AMAÇLARININ DEĞERLENDİRİLMESİ / *EVALUATION OF EDUCATIONAL OBJECTIVES*

The educational objectives of the Mechanical Engineering undergraduate program were evaluated through feedback collected from the Advisory Board, student QME meetings, and internal curriculum review discussions. During the Advisory Board meeting held on 11 June 2026, the department presented recent undergraduate curriculum updates and collected feedback from external stakeholders, alumni, and faculty representatives. The Advisory Board generally viewed the undergraduate curriculum revision positively, especially with respect to improving semester load balance, updating course sequencing, increasing flexibility, and creating additional room for elective courses.

The feedback indicated that the program continues to support its educational objectives by preparing students for diverse career paths, providing a rigorous and flexible mechanical engineering education, and offering opportunities for design, teamwork, and hands-on experience. Advisory Board members highlighted the importance of maintaining strong theoretical foundations while also strengthening application-oriented skills, interdisciplinary knowledge, software and data analysis competencies, and awareness of emerging topics such as machine learning, artificial intelligence, sustainability, and project management. These suggestions will be considered in future elective offerings, course modules, and curriculum review cycles.

Student QME meetings also provided useful feedback related to the educational objectives. Students noted that recent curriculum updates have improved the overall structure of the program and highlighted the value of strengthening the integration of foundational knowledge with practical engineering experiences. They further suggested continued enhancement of laboratory and project-based learning opportunities, and to provide clearer guidance on elective course selection. These comments are consistent with the program objectives of helping students adapt to changing technologies, distinguish themselves as innovative problem solvers, and pursue directions of personal interest through a flexible curriculum.

Overall, the feedback collected during the 2025–2026 academic year indicates that the program educational objectives remain appropriate and aligned with stakeholder expectations. The department will continue to use Advisory Board input, student feedback, and assessment results as part of its continuous improvement process.