

## FAILURE ANALYSIS

1	Course Title:	FAILURE ANALYSIS
2	Course Code:	ELES217
3	Type of Course:	Optional
4	Level of Course:	Short Cycle
5	Year of Study:	2
6	Semester:	3
7	ECTS Credits Allocated:	3.00
8	Theoretical (hour/week):	2.00
9	Practice (hour/week):	0.00
10	Laboratory (hour/week):	0
11	Prerequisites:	None
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Öğr.Gör. MEHMET ŞEN
15	Course Lecturers:	Meslek Yüksekokulları Yönetim Kurullarının görevlendirdiği öğretim elemanları.
16	Contact information of the Course Coordinator:	mehmetsen@uludag.edu.tr U.Ü. Teknik Bilimler Meslek Yüksek Okulu Elektrik Programı- Görükle Kampüsü
17	Website:	
18	Objective of the Course:	In this course, it is aimed to gain knowledge and skills to make failure
19	Contribution of the Course to Professional Development:	Planning, development and implementation steps in the field of profession to be able to execute together with the security rules.
20	Learning Outcomes:	
	1	Resolve the system failures identified by analysis
	2	create Failure and maintenance KARTEKS and use it to archive and catalog
	3	
	4	
	5	
	6	
	7	
	8	
	9	
	10	
21	Course Content:	
	<b>Course Content:</b>	
Week	Theoretical	Practice
1	fault isolation	
2	fault isolation	
3	Finding the defective unit or component	
4	Finding the defective unit or component	

5	Finding the defective unit or component	
6	Finding the defective unit or component	
7	Finding the defective unit or component	
8	Finding the defective unit or component	
9	Repeating courses and midterm exam	
10	Failure and maintenance KARTEKS	
11	Catalog	
12	Catalog	
13	archiving	
14	archiving	

22	Textbooks, References and/or Other Materials:	Elektrik Bakım Arıza Onarım ve Ev Aletleri Ali Arslan
23	Assesment	

TERM LEARNING ACTIVITIES	NUMBER	WEIGHT
Midterm Exam	1	40.00
Quiz	0	0.00
Home work-project	0	0.00
Final Exam	1	60.00
Total	2	100.00

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	10	2.00	28.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	the principles of Bursa Uludağ University Associate and Undergraduate Education Regulation	0.00	0.00
Homeworks	0	0.00	0.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	30.00	30.00
Others	0	0.00	0.00
Final Exams	1	30.00	30.00
Total Work Load			118.00
Total work load/ 30 hr			2.93
ECTS Credit of the Course			3.00

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	4	3	3	0	3	3	4	3	4	3	3	4	0	0	0	0
ÖK2	3	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	1 very low			2 low			3 Medium			4 High			5 Very High			