

ADVANCED EXCEL APPLICATIONS

1	Course Title:	ADVANCED EXCEL APPLICATIONS	
2	Course Code:	OSPS051	
3	Type of Course:	Optional	
4	Level of Course:	Short Cycle	
5	Year of Study:	2	
6	Semester:	4	
7	ECTS Credits Allocated:	3.00	
8	Theoretical (hour/week):	1.00	
9	Practice (hour/week):	2.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:	None	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Öğr.Gör. Nilgün Özel	
15	Course Lecturers:	Türkçe	
16	Contact information of the Course Coordinator:	Öğr.Gör.Nilgün ÖZEL ozeln@uludag.edu.tr	
17	Website:		
18	Objective of the Course:	Aim of the advanced Excel lesson: processing and classifying data's with Excel functions and representing on spreadsheets with charts by making advanced calculations. Increasing Excel efficiency.	
19	Contribution of the Course to Professional Development:		
20	Learning Outcomes:		
		1	They can use fast moving methods on tables
		2	Using advanced Excel functions
		3	To be able to creating different reports and lists by using spreadsheets.
		4	To be able to use charts on different occasions by drawing a chart.
		5	To be able use to conditional formal, verifying data and scenario features.
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21	Course Content:		
	Course Content:		
Week	Theoretical	Practice	
1	Excel general study book, features of using and adding-editing studying	General Excel studying book applications	
2	Applying conditional editing's. Marking the most and the less values. Finding repetitive values on the list. Conditional editing	Conditional formatting applications	
3	Sort lists by multiple quotations listing according to couple of conditions.	List sorting applications	

4	Filtering the Excel lists, filtering with couple of conditions and listing filtered ones.	Apply filters to lists
5	Limiting, verifying and providing error warning of Excel app	Data validation
6	Using Excel's frequently used functions (addition, the highest, the least, subtraction etc.)	verifying data applications
7	Functions of date and time (year,month,day,today,full work-day, a day of a week etc.)	Date and time function applications
8	Midterm exam	
9	Other functions of Excel; Reaching the values as you wish by using Vertical If there is an error, hiding the errors in the Formula Getting more than one addition by using multiple	Applying Vertical And multiple
10	Studying with subtotals and functions of subtotal	Subtotal function applications
11	Making a chart and using its features	Making graphics
12	Studying with goal seek, building scenario and solver	Studying with goal seek, building scenario and solver
13	Using text with data functions (length, capital letter, right to left etc)	Text and data function applications
14	Spreadsheets and creating spreadsheet	Spreadsheet applications

Activites		Number	Duration (hour)	Total Work Load (hour)
23	Theoretical Assessment			
Practicals/Labs				
Self study and preparation				
Midterm Exam		1	30.00	
Homeworks				
Projects				
Home work project		1	10.00	
Field Studies				
Midterm exams				
Total		3	100.00	
Others				
Contribution of Term (Year) Learning Activities to Final Exams				
Total Work Load				
Total work load/ 30 hr		100.00		
ECTS Credit of the Course				3.00
Measurement and Evaluation Techniques Used in the Course				

24 ECTS / WORK LOAD TABLE

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