AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Agricultural Meteorology								
Course Code	BSM101		Couse Level	First Cycle (Bachelor's Degree)					
ECTS Credit	3	Workload	74 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	The aim of this course is thought meteorological events and agricultural production relationships.								
Course Content	Weather forecast and climatology, atmosphere layers, sun radiation, temperature, frost event, air humidity, precipitation, evaporation, wind, and wind break.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Case Study, Problem Solving								
Name of Lecturer(s)	Ins. Talih GÜRBÜZ, Lec. Yasin MERCAN, Prof. Ercan YEŞİLIRMAK								

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

Recommended or Required Reading	
1	Meteorology I (Meteoroloji I), Adnan Menderes Üniversitesi Ziraat Fakültesi Yayınları No:5, Aydın.
2	Meteorology I (Meteoroloji I), Ankara Üniversitesi Yayınları. Ankara

Week	**Weekly Detailed Course Contents**	
1	Theoretical	Importance of meteorology and introduction to agricultural meteorology
2	Theoretical	Weather forecast and climatology
3	Theoretical	Earths Atmosphere layers
4	Theoretical	Sun radiations
5	Theoretical	Weather temperature and weather temperature regimes
6	Theoretical	Frost event and frost protection methods
7	Theoretical	Air humidity
8	Intermediate Exam	Midterm exam
9	Theoretical	Precipitation
10	Theoretical	Precipitation regimes and precipitation measurement
11	Theoretical	Evaporation
12	Theoretical	Atmosphere pressure
13	Theoretical	Wind and wind measurement
14	Theoretical	Windbreak
15	Theoretical	General control
16	Final Exam	Final exam

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	2	2	56
Midterm Examination	1	8	1	9
Final Examination	1	8	1	9
			Total Workload (Hours)	74
			[Total Workload (Hours) / 25*] = **ECTS**	3
**25 hour workload is accepted as 1 ECTS*				

Learning Outcomes	
1	To understand agricultural production and meteorological events relationships
2	To explain weather forecast and climatology
3	To learn measure standards of climatic data

4	To explain meteorological elements and factors on climate
5	To explain climate and agricultural practise relationships