Course Syllabus

Code - Course Title	**TRM106U - Soil Science and Plant Nutrition**
Course Type	II. SEMESTER
Laboratory + Practice	0+0
ECTS	**5.0**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	PROF. DR. EVRİM GENÇ KUMTEPE

Mode of Delivery	Distance Education
Prerequisites	There is no prerequisite or co-requisite for this course.
Courses Recomended	N/A
Recommended Resources	Ünver, İ. ve Anaç, D. (Eds.) (2011). Toprak Bilgisi ve Bitki Besleme. Anadolu Üniversitesi Yayınları No:2302, Açıköğretim Fakültesi Yayın No: 1299.
Work Placement	N/A

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Soil Formation and Components of Soil	
Week - 2		Physical Properties of Soils	
Week - 3		Chemical and Biological Properties of Soils	
Week - 4		Chemical and Biological Properties of Soils	
Week - 5		Elimination Of Soil Problems	
Week - 6		Soil Management	
Week - 7		Midterm	
Week - 8		Importance And Principles Of Plant Nutrition	
Week - 9		Plant Nutrition and Soil Fertility Relationships	
Week - 10		Plant Nutrition And Plant Physiology Relations	
Week - 11		Absolute Essential Macro Plant Nutrients	
Week - 12		Absolute Necessary Macro Plant Nutrients and Other Important Elements	
Week - 13		Absolute Necessary Macro Plant Nutrients and Other Important Elements	

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 14		Final Exam	

Learning Outcomes

#	Learning Outcome
1	Expresses the history of plant nutrition and basic foundation of plant nutrition
2	Describes soil fertility and soil physical, chemical and biological properties andmeasuring productivity methods
3	Prepares more quality nutrition programs with basic plant physiology information
4	Identifies plant physiological, metabolism activities of plant macro and micro nutrition elements and their deficiency and solves problems

Sustainable Development Goals

No content has been provided.

Course Theme

No content has been provided.

AKTS Workload

Activity	Duration (Hour)	Count	Workload
Teorik Derse Katılım	0	0	0
Sınıf Dışı Çalışma (Ön Hazırlık & Pekiştirme Amaçlı)	0	0	0
Ödevler	0	0	0
Proje - Rapor - Sunum Hazırlama	0	0	0
Ara Sınav Hazırlığı (sınav süresi dahil)	0	0	0
Final Sınavı Hazırlığı (sınav süresi dahil)	0	0	0
Uygulama (Laboratuvar, Müzik/Enstrüman Uygulaması, Atölye/Saha Çalışması vb.)	0	0	0
Staj Uygulaması	0	0	0
		Calculated ECTS	**0**

Assessment Method and Passing Requirements

No content has been provided.

Assessment Method and Passing Requirements	Quamtity	Percentage (%)
1.Midterm Exam	1	30
Final Exam	1	70
	Sum (%)	**100**