Course Syllabus

Code - Course Title	**ÖMB323 - Measurement and Evaluation in Education**
Course Type	V. SEMESTER
Laboratory + Practice	3+0
ECTS	**4.0**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	DOÇ. DR. MURAT POLAT

Mode of Delivery	The mode of delivery of this course is online.
Place of Delivery	On Campus
Used Educational Platforms	Face-to-face
Prerequisites	There is no prerequisite or co-requisite for this course.
Courses Recomended	NA
Recommended Resources	Doğan, N. (2020). Eğitimde ölçme ve değerlendirme. Ankara: Pegem.Gelbal, S. (2012). Ölçme ve değerlendirme. Eskişehir: Anadolu Üniversitesi Yayınları.Tekin, H. (2013). Eğitimde ölçme ve değerlendirme. Ankara: Pegem.Tekindal, S. (2013). Okullarda ölçme ve değerlendirme yöntemleri. Ankara: Pegem.Turgut, F. & Baykul, Y.(2013). Eğitimde ölçme ve değerlendirme. (Beşinci Baskı). Ankara: Pegem.
Work Placement	NA
Aims of the Course	Providing measurement and evaluation training to pre-service teachers

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Basic concepts related to measurement and assessment	
Week - 2		Measured attributes in education	
Week - 3		Cognitive taxonomies used in education	
Week - 4		The main features that the measurement tool should have: Reliability	
Week - 5		The main features that the measurement tool should have: Validity and usefulness	
Week - 6		Measurement tools-I: Open ended items, short answer tests, true-false tests, oral exams	
Week - 7		Measurement tools-II: Multiple choice tests	
Week - 8		Measurement tools-III: Projects, take-home exams, homeworks	
Week - 9		Performance based assessment	
Week - 10		Basic statistical calculations on test results	

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 11		Test development with item analysis	
Week - 12		Assessment and grading	
Week - 13		International follow-up studies	
Week - 14		E-assessment	

Learning Outcomes

#	Learning Outcome
1	Discusses the significance of measurement and evaluation in education and teaching activities.
2	Explains the fundamental concepts related to measurement and evaluation.
3	Prepares assessment tools appropriate for different properties that can be assessed.
4	Applies statistical analyses on measurement results.
5	Analyzes the process of test development.
6	Discusses the process of evaluation.

Sustainable Development Goals

✓ Quality Education

Course Theme

✓ Educational Sciences and Educational Technologies

AKTS Workload

Activity	Duration (Hour)	Count	Workload
Teorik Derse Katılım	3.00	14	42
Sınıf Dışı Çalışma (Ön Hazırlık & Pekiştirme Amaçlı)	2.00	14	28
Ödevler	0.00	0	0
Proje - Rapor - Sunum Hazırlama	0.00	0	0
Ara Sınav Hazırlığı (sınav süresi dahil)	12.00	1	12
Final Sınavı Hazırlığı (sınav süresi dahil)	18.00	1	18
Uygulama (Laboratuvar, Müzik/Enstrüman Uygulaması, Atölye/Saha Çalışması vb.)	0.00	0	0
Staj Uygulaması	0.00	0	0
		Calculated ECTS	**4.0**

Assessment Method and Passing Requirements

✓ Open-Ended Test ✓ Multiple Choice Test ✓ Homework

Assessment Method and Passing Requirements	Quamtity	Percentage (%)
1.Midterm Exam	1	40
Final Exam	1	60
	Sum (%)	**100**