Course Syllabus

Code - Course Title	**EÖD508 - Measurement of Affective and Psychomotor Characteristics**
Course Type	II. SEMESTER
Laboratory + Practice	3+0
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	PROF. DR. MURAT DOĞAN ŞAHİN

Mode of Delivery	This course is delivered through face-to-face instruction.
Prerequisites	This course has no prerequisites or corequisites.
Recommended Resources	• Boateng, G. O., Neilands, T. B., Frongillo, E. A., Melgar-Quiñonez, H. R., & Young, S. L. (2018). Best practices for developing and validating scales for health, social, and behavioral research: a primer. Frontiers in Public Health, 6, 149. https://doi.org/10.3389/fpubh.2018.00149• DeVellis, R. F., & Thorpe, C. T. (2021). Scale development: Theory and applications (5th ed.). Sage.• Worthington, R. L., & Whittaker, T. A. (2006). Scale development research: A content analysis and recommendations for best practices. The Counseling Psychologist, 34(6), 806-838. https://doi.org/10.1177/0011000006288127• Nitko, A.J. and Brootkhart, S.M. (2015) Educational Assessment of Students (7th Edition). Pearson Education. • Stiggins, R. (2005). From formative assessment to assessment for learning: A path to success in standards-based schools. Phi Delta Kappan, 87(4), 324-328. https://www.jstor.org/stable/20441998• Wiggins, G. (1998). Educative Assessment: Designing Assessments to Inform and Improve Student Performance. Jossey-Bass Publishers.

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Course introduction and introduction to measuring affective and psychomotor characteristics	
Week - 2		Taxonomy of behaviors and learning classifications	
Week - 3		Affective behaviors and their measurement	
Week - 4		Psychomotor behaviors and their measurement	
Week - 5		Techniques for measuring affective characteristics	
Week - 6		Techniques for measuring psychomotor characteristics	
Week - 7		Self-report based measurement tools	
Week - 8		Item writing process and item review	
Week - 9		Scale development process and pilot testing	

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 10		Item analysis procedures	
Week - 11		Preliminary analyses: sample size, normality and outliers	
Week - 12		Construct validity: factor analysis and criterion-related methods	
Week - 13		Finalizing the scale	
Week - 14		Computer-based construct validity analyses and interpretation	

Learning Outcomes

#	Learning Outcome
1	Students will be able to explain the theoretical foundations of affective and psychomotor characteristics and evaluate approaches used to measure them.
2	Students will be able to develop self-report based measurement instruments for assessing affective characteristics.
3	Students will be able to conduct preliminary data analyses and evaluate the suitability of data for psychometric analyses in scale development.
4	Students will be able to evaluate the psychometric properties of measurement instruments by examining construct validity.
5	Students will be able to finalize a scale by conducting psychometric analyses using statistical software.

Sustainable Development Goals

✓ Quality Education

Course Theme

✓ Educational Sciences and Educational Technologies

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

AKTS Workload

Activity	Duration (Hour)	Count	Workload
		Calculated ECTS	0

Assessment Method and Passing Requirements

No content has been provided.