Course Syllabus

Code - Course Title	**EPÖ502 - Theoretical Bases of Teaching and Learning**
Course Type	I. SEMESTER
Laboratory + Practice	3+0
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	PROF. DR. BAHADIR ERİŞTİ

Mode of Delivery	Face to face
Place of Delivery	On Campus
Used Educational Platforms	Face-to-face
Prerequisites	There is no prerequisite or co-requisite for this course.
Courses Recomended	None.
Recommended Resources	Bransford, J. D., Brown, A. L., & Cocking, R. R. (Eds.). (2000). How people learn: Brain, mind, experience, and school. National Academy Press.Fleur, D. S., Bredeweg, B., & van den Bos, W. (2021). Metacognition: Ideas and insights from neuro- and educational sciences. npj Science of Learning, 6, Article 13. https://doi.org/10.1038/s41539-021-00089-5Freire, P. (2000). Pedagogy of the oppressed (30th anniversary ed.; M. B. Ramos, Trans.). Continuum.Kaya, Z. (Ed.). (2012). Learning and teaching: Theories, approaches, models. Pegem Akademi.Senemoğlu, N. (2025). Development, learning and instruction: From theory to practice (30th ed.). Anı Yayıncılık.Schunk, D. H. (2020). Learning theories: An educational perspective (8th ed.). Pearson.Ormrod, J. E. (2016). Human learning (7th ed.). Pearson.Merrill, M. D. (2002). First principles of instruction. Educational Technology Research and Development, 50(3), 43–59.Mishra, P., & Koehler, M. J. (2006). Technological pedagogical content knowledge: A framework for teacher knowledge. Teachers College Record, 108(6), 1017–1054. https://doi.org/10.1111/j.1467-9620.2006.00684.x
Work Placement	Not suitable for this course.
Aims of the Course	The course Theoretical Foundations of Teaching and Learning aims to develop a holistic and comprehensive perspective on the phenomenon of learning and teaching by examining the answers provided by various theoretical approaches throughout the historical process to numerous questions, such as the formation of learning, factors affecting learning, and the relationship between teaching and learning, as well as the strengths and limitations of these approaches.

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1	**LO-1**		Lecture, Question & Answer, Discussion, Problem Solving, Brain Storming, Research and Inquiry

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 2	LO-5 LO-7 LO-9 LO-10 LO-11		Lecture, Question & Answer, Discussion, Problem Solving, Brain Storming, Critique/Critical Reading, Research and Inquiry
Week - 3	LO-2 LO-4 LO-5 LO-6 LO-9		Lecture, Question & Answer, Discussion, Research and Inquiry
Week - 4	LO-2 LO-5 LO-6 LO-7 LO-9 LO-10 LO-11	Pavlov: Classical conditioning	Lecture, Question & Answer, Discussion, Problem Solving
Week - 5	LO-5 LO-9 LO-10 LO-11	Skinner: Operant conditioning	Lecture, Question & Answer, Discussion, Problem Solving
Week - 6	LO-2 LO-6 LO-7 LO-9 LO-10 LO-11	Situated Learning	Lecture, Question & Answer, Discussion, Problem Solving
Week - 7	LO-2 LO-5 LO-9 LO-10 LO-11	Information processing theory	Lecture, Question & Answer, Discussion, Research and Inquiry
Week - 8	LO-2 LO-5 LO-6 LO-7 LO-10 LO-11	Gagne: Conditions of Learning	Lecture, Question & Answer, Discussion, Problem Solving, Research and Inquiry
Week - 9	LO-5 LO-6 LO-7 LO-10 LO-11	Piaget: Theory of cognitive development	Lecture, Question & Answer, Discussion, Problem Solving, Research and Inquiry
Week - 10	LO-2 LO-7 LO-9 LO-10 LO-11	Bandura: Social learning theory	Lecture, Question & Answer, Discussion, Problem Solving, Research and Inquiry
Week - 11	LO-2 LO-6 LO-9 LO-10 LO-11	Gardner: Theory of multiple intelligences	Lecture, Question & Answer, Discussion, Problem Solving, Research and Inquiry

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 12	LO-5 LO-6 LO-7 LO-10 LO-11	Vygotsky: Constructivist theory	Lecture, Question & Answer, Discussion, Research and Inquiry
Week - 13	LO-2 LO-7 LO-9 LO-10 LO-11	Bloom: Mastery learning theory	Lecture, Question & Answer, Discussion, Problem Solving, Research and Inquiry
Week - 14	LO-5 LO-8	Course evaluation	Lecture, Question & Answer, Discussion, Problem Solving, Brain Storming

Learning Outcomes

#	Learning Outcome
1	understand the basic concepts related to teaching and learning
2	explain the basic features of the main learning approaches
3	Explains the relationship between the formation of learning and the concept of teaching.
4	Explains the fundamental assumptions of learning approaches.
5	Explains the predictions of learning approaches regarding the formation of learning.
6	Explains the fundamental principles of learning approaches aimed at ensuring effective learning.
7	Ability to compare learning approaches.
8	Compares the educational implications of learning approaches.
9	Explains the strengths of learning approaches.
10	Explains the limitations of learning approaches.

Sustainable Development Goals

✓ Quality Education

Course Theme

✓ Educational Sciences and Educational Technologies

AKTS Workload

Activity	Duration (Hour)	Count	Workload
Teorik Derse Katılım	21.00	0	0
Sınıf Dışı Çalışma (Ön Hazırlık & Pekiştirme Amaçlı)	14.00	0	0
Ödevler	12.00	0	0

AKTS Workload

Activity	Duration (Hour)	Count	Workload
Proje - Rapor - Sunum Hazırlama	9.00	0	0
Ara Sınav Hazırlığı (sınav süresi dahil)	9.00	0	0
Final Sınavı Hazırlığı (sınav süresi dahil)	9.00	0	0
Uygulama (Laboratuvar, Müzik/Enstrüman Uygulaması, Atölye/Saha Çalışması vb.)	0.00	0	0
Staj Uygulaması	0.00	0	0
		Calculated ECTS	**0.0**

Assessment Method and Passing Requirements

✓ Open-Ended Test ✓ Project ✓ Homework