Course Syllabus

Code - Course Title	**ÖMB208 - Critical and Analytical Thinking**
Course Type	V. SEMESTER
Laboratory + Practice	2+0
ECTS	**4.0**
Language of Instruction	Türkçe
Course Type	Area Elective Courses
Course Instructor(s)	DOÇ. DR. BÜLENT ALAN

Mode of Delivery	Face to Face
Place of Delivery	On Campus
Used Educational Platforms	Face-to-face
Prerequisites	There is no prerequisites and co-requisites for this course
Courses Recomended	-
Recommended Resources	- Coşkun, Y.K. (2019). Entelektüel beyin. Eleştirel düşün içinde (ed. Hülya Kılıç), s. 19-28. İstanbul: Yeditepe Üniversitesi Yayınevi. - Dilekli, Y. (2019). Etkinliklerle düşünme öğretimi. Ankara: Pegem Akademi.- Dolu, N. (2015). Öğrenmenin nörofizyolojisi. Öğrenmenin nörofizyolojisi: Öğretimde yeni yaklaşımlar içinde (ed. Mehmet Arslan), s.160-178. Ankara: Anı Yayıncılık- Işık, Ö. (2015). Eleştirel düşünme. Öğrenmenin nörofizyolojisi: Öğretimde yeni yaklaşımlar içinde (ed. Mehmet Arslan), s.160-178. Ankara: Anı Yayıncılık. - Kırıkkanat, B. (2019). Delice mi dahice mi düşünelim? Eleştirel düşün içinde (ed. Hülya Kılıç), s. 33-42. İstanbul: Yeditepe Üniversitesi Yayınevi. - Önkuzu, E. & Bedir, S. B. Yansıtmacılık. Öğrenmenin nörofizyolojisi: Öğretimde yeni yaklaşımlar içinde (ed. Mehmet Arslan), s.91-126. Ankara: Anı Yayıncılık. - Özüdoğru, M. (2016). Eleştirel Söylemden Eleştirel Okumaya. Ankara: Anı Yayıncılık.- Paul, R. & Elder, L. (2020). Kritik düşünce. Yaşamınızın ve öğrenmenizin sorumluluğunu üstlenmek için araçlar (Çeviri Editörleri: Ayşe Esra Arslan & Gamze Sart). Ankara: Nobel. - Richard. P. & Elder. P. Minik Eleştirel Düşünme Klavuzu. (Çeviren: Merih Bektaş Eren) Eleştirel Düşünme Kurumu. www.criticalthinking.org - Şahin, S. A. & Tunca, N. (2013). Düşünme becerileri ve düşünmeyi destekleyen sınıf ortamı/öğretmen davranışları. Öğrenme-öğretme yaklaşımları ve uygulama örnekleri içinde (ed. Gülay Ekici & Meral Güven), s.392-426. Ankara: Pegem Akademi.- Ruggiero, V. R. (2019). Eleştirel düşünme için bir rehber. (Çeviren, Çağdaş Dedeoğlu). İstanbul: ALFA Araştırma - Yılmaz, K. (2019). Eleştirel ve analitik düşünme. Ankara: Pegem Akademi.
Work Placement	-
Aims of the Course	The goal is to help students develop higher-order thinking skills, to encourage them to question information rather than simply memorize it in order to make informed decisions, and to ensure they can pass on this perspective to their future students.

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1	**LO-1**	Basic concepts and definitions	Lecture, Question & Answer, Problem Solving, Critique/Critical Reading

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 2	LO-4 LO-5	What is Thininking? The Building Blocks of Thought - Characteristics of a Good Thinker - Factors That Hinder Healthy Thinking	Lecture, Question & Answer, Discussion, Problem Solving, Brain Storming, Research and Inquiry
Week - 3	LO-2	The Brain as an Organ of Thought - The Structure of the Brain - Characteristics of the Right and Left Hemispheres, - Holistic Development of the Brain	Lecture, Question & Answer, Discussion, Brain Storming, Research and Inquiry
Week - 4	LO-3	Types of Thinking - Analytical, Critical, Creative, and Reflective Thinking - Logic - Teaching Thinking	Lecture, Question & Answer, Discussion, Brain Storming, Research and Inquiry
Week - 5	LO-11	What Is Criticism? - The Concept of Criticism - Modern, Modernity, Modernism - Critical Thinking and the Identity of the Intellectual - Fundamental Intellectual Characteristics	Lecture, Question & Answer, Discussion, Brain Storming, Critique/Critical Reading, Research and Inquiry
Week - 6	LO-1 LO-7	Critical Thinking - Tendencies in Critical Thinking - The Role of Critical Thinking in Educational Programs - Skills Developed Through Critical Thinking	Question & Answer, Discussion, Brain Storming, Critique/Critical Reading
Week - 7	LO-1 LO-6	Critical Thinking - Tendencies in Critical Thinking - The Role of Critical Thinking in Educational Programs - Skills Developed Through Critical Thinking	Question & Answer, Discussion, Brain Storming, Critique/Critical Reading
Week - 8	LO-7 LO-10	Critical Thinking and Effective Questioning - Socratic Thinking - Classroom Discussion Method	Question & Answer, Discussion, Problem Solving, Brain Storming
Week - 9		Factors affecting critical and analytical thinking	
Week - 10	LO-7 LO-8	Examples of Critical Thinking Skills Activities - Skill in Verifying the Reliability of Data - Skill in Explaining Causes - Skill in Making Predictions - Skill in Making Generalizations	Discussion, Problem Solving, Critique/Critical Reading, Practice/Practical Work/Workshop
Week - 11	LO-6 LO-7 LO-12	Developing Classroom Activities for Teaching Critical Thinking	Discussion, Role Playing/Dramatization, Demonstration and Practice, Practice/Practical Work/Workshop

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 12	LO-10	Critical and analytical listening	Question & Answer, Discussion, Critique/Critical Reading
Week - 13	LO-8 LO-9	Critical and analytical writing	Question & Answer, Discussion, Critique/Critical Reading
Week - 14	LO-6 LO-7 LO-13	Developing Classroom Activities for Teaching Critical Thinking	Discussion, Case Study, Problem Solving, Role Playing/Dramatization, Demonstration and Practice, Practice/Practical Work/Workshop

Learning Outcomes

#	Learning Outcome
1	Explains the basic concepts of critical and analytical thinking.
2	Explains the general structure of brain.
3	Gives example to various thinking styles and ways.
4	Explains the nonvolitional thinking process.
5	Applies the voluiional thinking methods.
6	Analyses the critical and analytical thing process.
7	Discusses the critical and analytical thinking process.
8	Conducts critical and analytical reading.
9	Writes critically and analytically.
10	Listens a conversation critically and analytically.
11	Evaluates the her/his thinking process according to critical and analytical thinking.
12	Prepares activities aimed at teaching critical thinking
13	Prepares activities aimed at teaching analytical thinking

Sustainable Development Goals

✓ Quality Education

Course Theme

✓ Educational Sciences and Educational Technologies

AKTS Workload

Activity	Duration (Hour)	Count	Workload
Teorik Derse Katılım	2.00	14	28
Sınıf Dışı Çalışma (Ön Hazırlık & Pekiştirme Amaçlı)	2.00	14	28
Ödevler	5.00	3	15
Proje - Rapor - Sunum Hazırlama	10.00	3	30
Ara Sınav Hazırlığı (sınav süresi dahil)	3.00	1	3
Final Sınavı Hazırlığı (sınav süresi dahil)	0.00	0	0
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 ✓ Self Assessment ✓ Homework