

TITLES	EXPLANATIONS
<b>Title of Course</b>	Philosophy of Science
<b>Code of Course</b>	PSK 107
<b>Type of Course</b>	Compulsory
<b>Level of Course</b>	Undergraduate
<b>Year of Study</b>	1
<b>Semester/Trimester</b>	1
<b>Number of ECTS</b>	5
<b>Name of Lecturer(s)</b>	Prof. Dr. Dođan Kkdemir
<b>Course Learning Outcomes</b>	<p>At the end of this course students are expected to;</p> <p>LO1. Get knowledge on the development of philosophy through ages.</p> <p>LO2. Gather the train of thought of different philosophers wondering about the very same subjects but reaching on different conclusions.</p> <p>LO3. Learn the development of scientific knowledge and methodology and the counterfactual dogmatic approaches.</p> <p>LO4. Like philosophers, present their affect, thought, and arguments in accordance with rhetoric.</p> <p>LO5. Predict the effect of philosophical knowledge on psychology.</p> <p>LO6. Develop ideas about how advancements of science would effect the future of psychological sciences.</p> <p>LO7. Creatively present philosophical topics to other individuals.</p>
<b>Mode of Delivery</b>	The style of teaching is face-to-face interaction.
<b>Prerequisites and Co-requisites</b>	There is no prerequisite or co-requisite for this course.
<b>Recommended Optional Programme Component</b>	None
<b>Course Contents</b>	<ol style="list-style-type: none"> <li>1. Science, Philosophy, and Thinking</li> <li>2. The Beginning: Socrates's Predecessors</li> <li>3. Nature, Fate, and Chance</li> <li>4. Being and Non-Being in a General Sense</li> <li>5. Socrates, Platon, and Aristotle</li> <li>6. Creative Thinking</li> <li>7. Philosophy and Science in Medieval Times and Renaissance</li> <li>8. Rationalism: Descartes and Spinoza</li> <li>9. Empiricism: Locke, Berkeley, and Hume</li> <li>10. Philosophy and Science in 19th Century</li> <li>11. German Idealism</li> <li>12. Existentialism</li> <li>13. Reality, Time and the Universe</li> <li>14. Reality, Time and the Universe (continued)</li> </ol>
<b>Recommended or Required Reading</b>	<p>(Primary Textbook)</p> <p>Gaarder, J. (2012). <i>Sofie'nin dnyası</i>. (Sabir Ycesoy, Trans.). İstanbul: Pan (Original work published in 1989).</p> <p>Stumpf, S. E. &amp; Fieser, J. (2012). <i>Philosophy: History and readings</i>. Boston: McGraw-Hill.</p> <p>(Suggested References)</p> <p>Popper, K. R. (2010). <i>Bilimsel arařtırmanın mantığı</i>. (İ. Turan ve İ. Aka, Trans.). İstanbul: Yapı Kredi Yayınları. (Original work published in 1959).</p> <p>Kuhn, T. S. (2011). <i>Bilimsel devrimlerin yapısı</i>. (N. Kuyař, Trans.). İstanbul: Kırmızı Yayınları. (Original work published in 1962).</p> <p>* The primary textbooks for this course is renewed every year.</p>

**Planned Learning Activities and Teaching Methods**

This course is conducted through discussions on the material presented in class and over the compulsory reading material. With this aim in mind, (a) regular lectures supported by visual presentations and (b) class discussions are used. These class discussions are designed in such a way to help students develop critical thinking skills and apply the different psychological perspectives to the material being presented. Students are also asked to present a poster about the topics in philosophy.

**Assessment Methods and Criteria**

1 Midterm, 4 Quizzes, 4 Assignments, 1 Final Project

**Language of Instruction**

Turkish

**Practicum**

None

Program Outcomes	Course Learning Outcomes						
	LO1	LO2	LO3	LO4	LO5	LO6	LO7
Analyze problems with the scientific method and appropriate scientific tools.				X		X	X
Think critically and creatively, ask questions, make comments using the knowledge and skills they have acquired.	X	X	X	X	X	X	X
Develop a positive attitude toward life-long education.	X		X	X		X	X
Use the library, scientific databases, internet and other sources effectively.	X	X	X	X		X	X
Have the skills to find out, analyze, evaluate, decide about, and apply the alternative solutions to problems.	X	X	X	X	X	X	X
Be open-minded to use knowledge stemming from different disciplines and/or areas of psychology.					X	X	
Develop a positive attitude toward critical thinking.			X	X	X	X	X
Have advanced theoretical and applied knowledge of psychology supported by contemporary course material.					X		
Have the necessary knowledge and skills to analyze and synthesize the main areas of psychology.				X	X	X	X
Be competent in English and Turkish.				X			X
Use effective methods to present, share and discuss scientific information.				X			X
Be able to write scientific papers by using international manuals such as APA.				X			X
Show courage and use the necessary skills to propose solutions to the problems of the world they live in.							
Show courage and have necessary skills to propose solutions to the problems of their own life.				X			X
Have a positive attitude to statistics and be able to use common statistical software packages.							
Be able to plan and conduct research independently.							
Apply qualitative and/or quantitative methods depending on the nature and the scope of a given problem.							
Know the research methods and statistical procedures used in behavioral sciences.							
Use tools such as questionnaires, inventories, scales, and tests.							
Apply psychological knowledge to other problem areas for community welfare.							
Use theoretical and applied knowledge in accordance with ethical standards.							