

FLS 106 - Classical Logic - Fen Edebiyat Fakültesi - Felsefe Bölümü

General Info

Objectives of the Course

In this course, the aim is to familiarize the student with the basic doctrines of Aristotelian traditional logic, namely term, proposition and (direct and indirect) inference, and the fundamental problems related to these doctrines.

Course Contents

Explanation of the concept of logic, identification of its different manifestations in everyday language and scientific activity; determination of the study subjects of logic as a prescriptive/normative and formal science; brief examination of the forms of reasoning and the principles of reason; determination of the character and structure of terminological logic (logica termini) based on Aristotle's Organon books; exposition of how the elements and methods of validity control in reasoning are formed under the headings of the doctrine of concepts, the doctrine of propositions and the doctrine of inferences.

Recommended or Required Reading

Özlem, D. (2011) Mantık. İstanbul: Notos. Çüçen, A. K. (2012) Klasik Mantık. Bursa: Sentez. Ural, Ş. (2024), Klasik Mantık, İstanbul Üniversitesi Açık ve Uzaktan Eğitim Fakültesi.

Planned Learning Activities and Teaching Methods

Narration method

Recommended Optional Programme Components

It is recommended to do the work again.

Instructor's Assistants

There is no assistant instructor teaching the course.

Presentation Of Course

Face to face

Dersi Veren Öğretim Elemanları

Inst. Müjdet Güngör

Program Outcomes

1. Understands the basic concepts of logic.
2. Distinguish the basic doctrines of classical logic.
3. Distinguishes relations between propositions.
4. Distinguishes comparison patterns.
5. Performs validity checks on inferences.

Weekly Contents

Order	PreparationInfo	Laboratory	TeachingMethods	Theoretical	Practise
1				Terms	
2				Use and Referral in Terms	
3				The Relationship of Terms to Objects	
4				Propositions and their place in logic	
5				Disjoint and Compound Expressions	
6				Distributiveness in Propositions	
7				Inferences, Direct Inferences, and Control Methods	
8				Midterm exam	
9				Indirect Inferences and Control Methods	
10				Chain Comparisons Checking Chain Comparisons	
11				Checking Chain Comparisons	
12				Benchmarks and Control Methods	
13				Multiple Premise Comparisons and Control Methods	
14				Formal Fallacies	
15				Informal Fallacies	

Workload

Activities	Number	PLEASE SELECT TWO DISTINCT LANGUAGES
Vize	1	1,00
Final	1	1,00
Derse Katılım	14	4,00
Ders Öncesi Bireysel Çalışma	6	1,00
Ders Sonrası Bireysel Çalışma	6	1,00
Diğer	10	1,00
Teorik Ders Anlatım	14	4,00
Anlatım	14	1,00

Assesments

Activities	Weight (%)
Ara Sınav	40,00
Final	60,00

	P.O. 1	P.O. 2	P.O. 3	P.O. 4	P.O. 5	P.O. 6	P.O. 7	P.O. 8	P.O. 9	P.O. 10	P.O. 11	P.O. 12	P.O. 13	P.O. 14	P.O. 15
L.O. 1															
L.O. 2															
L.O. 3															
L.O. 4															
L.O. 5															

Table :

- P.O. 1 :** Developing analytical and integrative thinking, reading, and writing skills.
- P.O. 2 :** To be able to understand and criticize philosophical studies from local and universal perspectives.
- P.O. 3 :** Ability to conduct research and develop methods on philosophical problems discussed in philosophy texts.
- P.O. 4 :** Ability to relate universal philosophical problems to local problems.
- P.O. 5 :** To be able to examine the universal problems of humanity and to research the studies that have been done.
- P.O. 6 :** To be able to approach problems related to science, culture, art etc. philosophically and to diagnose these problems.
- P.O. 7 :** Ability to benefit from interdisciplinary knowledge while examining universal and local problems related to science, religion and art.
- P.O. 8 :** Ability to understand, solve and, when necessary, direct singular problems encountered in the sub-fields of philosophy.
- P.O. 9 :** Ability to convey acquired knowledge and solution suggestions for encountered problems in a systematic and consistent manner, both verbally and in writing
- P.O. 10 :** To have sufficient knowledge of a foreign language to effectively follow studies in the field of philosophy and to communicate with colleagues.
- P.O. 11 :** Ability to use information and communication technologies along with knowledge of computer software and hardware at the level required by philosophy.
- P.O. 12 :** To be able to obtain information and use resources in the field of history of science.
- P.O. 13 :** To be able to distinguish inference structures in reading philosophical texts.
- P.O. 14 :** Ability to approach philosophical-logical discussions in non-philosophical fields.
- P.O. 15 :** To be able to distinguish the philosophical-logical aspects of the problems encountered in science readings and to identify the relevant possible solutions in philosophical literature.
- L.O. 1 :** Understands the basic concepts of logic.
- L.O. 2 :** Distinguish the basic doctrines of classical logic.
- L.O. 3 :** Distinguishes relations between propositions.
- L.O. 4 :** Distinguishes comparison patterns.
- L.O. 5 :** Performs validity checks on inferences.