



Course Syllabus

1. Course Title:

Logical Argumentation and Critical Thinking

2. Academic Level:

Master

3. ECTS Credits:

5 ECTS

4. Semester:

3, autumn semester

5. School/Department:

Institute of Philosophy and Social and Political Studies

6. Location:

116 Dneprovsky lane, Rostov-on-Don

7. Instructors:

Prof. Konstantin Skripnik, email: kdskipnik@sfedu.ru

8. Language of Instruction:

English

9. Course Description:

The course " Logical Argumentation and Critical Thinking is oriented to lay down in a systematic form the main content of the logical theoretical apparatus, to enable students to master the basic principles and rules of the logical culture of thinking, to acquaint students with the basics of logic as a science and as an art ; demonstrate ways to improve the efficiency, reliability of a variety of intelligent operations and procedures ; to demonstrate standard representation of the argument as a means of speech influence; acquisition and development of argumentation skills to increase the effectiveness of communication skills; development of systematic, evidence-based thinking.

10. Course Aims:

- acquaintance with the historical tradition of logical analysis;
- demonstration of the principles of logical analysis of reasoning of various types;
- development of analytical skills for the interpretation and explication of concepts, judgments, questions, norms;
- developing skills for practical analysis of reasoning;
- improving the ability to give definitions, build evidence, lead monologic and dialogical argumentation

11. Specific entry requirements (if any):

Basic knowledge of English

12. Course Content:

Topic 1. Subject, basic concepts of theoretical logic. Logical argumentation and critical thinking.
Topic 2. Concept and judgment.
Topic 3. Analysis of reasoning in traditional syllogistics and classical propositional logic.
Topic 4. Proof and refutation. Informal reasoning.
Topic 5. Plausible reasoning.
Topic 6. Theory of argumentation in a historical retrospective.
Topic 7. Strategic models and tactical methods of argumentation.
Topic 8. Question-answer procedures in the theory and practice of argumentation, paralogical and paralinguistic means in argumentation.
Topic 10. Critical thinking and arguments.
Topic 11. Critical thinking in the academic context.
Topic 12. From critical thinking to creative thinking.

13. Intended Learning Outcomes:

Study results consist in the partial forming of following competences: ability to realize a critical analysis of the problem situations on the base of systems approach, to form the strategy of own actions; ability to represent the results of scientific researches in the forms of reports, charts, synopsis, summaries, oral presentations, articles and other prescribed modes.

The educational process is based on so called Blended Learning, which helps to combine effectively traditional forms of learning and new technologies of teaching: Technology of communicative learning, Technology of differentiated learning, Technology of Module learning, Technology of using computer programs, Internet technologies, Technology of individualization of training, Testing technology, Project work technology, Collaboration learning technology, Active Game technology, Critical thinking development technology.

14. Learning and Teaching Methods:

lectures, discussions, debates and writing tasks

15. Methods of Assessment/Final assessment information:

Essay, literature review, test, written assignment, participation in round table.

16. Reading List:

Whately R. Logic. 10th ed. reprinted from the Original Edition. – London: Ch. Griffin and Co, 1872. – 112 p
Belnap N. Notes on the Art of Logic. – Pittsburgh: Univ. of Pittsburgh Pr., 2009. – 304 p.
Eemeren F.van, Grootendorst R. Rationale for Pragma-Dialectical Perspective//Argumentation. Vol.2.-
1988.- P.271-291.
Walton D. Topical Relevance in Argumentation/ -John Benjamins, Amsterdam, 1983.
Chandler, D. Semiotics: The Basics. L., Routledge, 2017.
Deely J. Descartes & Peirce. The Crossroad of Signs and Ideas. – Scranton & London: Un.of Scranton Pr.,
2008.
Eco, U. From the Tree to the Labyrinth. – Cambridge, Harvard Un.Pr., 2014