

## Educational Component Syllabus

(a conditional indication EC in Education Program (EP))

### Philosophy

Discipline	Philosophy
Higher Education Level	The first one (educational and scientific)
Moodle course page	<a href="https://dl2022.khadi-kh.com/course/view.php?id=2572">https://dl2022.khadi-kh.com/course/view.php?id=2572</a>
Educational Component Volume	3 credits (90 hours)
Final Control Form	Exam
Consultations	According to the schedule
Department	Department of Philosophy and Pedagogy of Professional Training
Language of teaching	English
Lecturer	Iryna Chkheailo, PhD, Associate Professor
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#### Educational Component Summary:

The purpose is to train comprehensively educated specialists due to involving them in the best achievements of the world and Ukrainian philosophy and get knowledge of the surrounding world and one self in it, formation of one's own philosophical culture, creative independent thinking, professional and public position based on them.

The subject of the studying philosophy is a rationally based relationship "a man & the world" and their relationship.

The main task of the academic discipline is to develop a set of students' knowledge, abilities and skills connected to:

- main historical stages of the evolution of the world and Ukrainian philosophy;
- philosophical categories relating to the existence of the world as a whole, nature, man, human thinking;
- person in the technical and technological world;
- forms of human experience in the society development
- application of acquired knowledge, abilities, and skills in solving world view, cognitive and managerial tasks.

Prerequisites for studying the educational component: Ukrainian, History and culture of Ukraine, Professional Foreign Language.

Competencies acquired by the applicant:

General competencies:

Ability to solve complex specialized tasks in the field of power engineering, to solve practical problems demanding the application of theories of heat and mass transfer, technical thermodynamics, hydrogas dynamics, energy conversion, technical mechanics, provisions and methods of other sciences characterized by uncertainty of conditions.

Special (professional) competencies:

- Ability to realize one's rights and responsibilities as a member of the society, to realize the values of the civil society and the need for its sustainable development, the law, the rights and freedoms of a person and a citizen in Ukraine.
- Ability to preserve and multiply moral, cultural, scientific values and achievements of society based on understanding the history and patterns of development of the subject area, its place in the general system of knowledge about nature and society and in the development of the society, technics and technology, use different types and forms of motor activity for active recreation and leading a healthy life style.
- Interpersonal skills.

- Ability to communicate with representatives of other professional groups of different levels.
- Appreciation and respect for diversity and multiculturalism.
- Ability to act socially responsibly and consciously. Training results according to the educational program are to:
- Receive and interpret relevant data and analyze complexities in the professional field to make judgments that reflect relevant social and ethical issues.
- Effectively communicate about the issues on information, ideas, problems and solutions to the engineering community and the society in general.
- Work effectively in a national and international context, as an individual and as a team member, and collaborate effectively with engineers and non-engineers.
- Understanding the need for long life independent studying.
- Analyze the development of the science and technology.

#### Thematic plan

Theme, №	Theme (L, LW, PW, SEW)	Hours	
		full-time training	part-time training
1	L 1 Philosophy, its range of problems and role in society	2	2
	LW, PW Philosophy as a science	2	2
	SEW Philosophy as a science	2	2
2	L 2. Philosophy of the Ancient East	2	-
	LW, PW		-
	SEW Philosophical schools of ancient India and China.	2	4
3	L 3 Ancient philosophy	2	-
	LW, PW Philosophy of Antiquity	2	-
	SEW The main philosophical schools of the Hellenistic-Roman period of ancient philosophy	2	6
4	L 4. . Stages of the development of the philosophy of the Middle Ages in Western Europe	2	-
	LW, PW	-	-
	SEW The main directions of the philosophy of the Middle Ages	2	6
5	L 5 Philosophy of the Renaissance.	2	-
	LW, PW Directions of philosophy of the Middle Ages and the Renaissance	2	-
	SEW Basic ideas of the philosophy of humanism and their influence on spiritual processes in Ukraine.	4	6
6	L 6 The main features of the philosophy of the New Age. Scientific revolution of the 17th century.	2	-
	LW, PW Rationalism and empiricism as leading movements of modern philosophy.	2	-
	SEW Man and Society in Enlightenment Philosophy	4	8
7	L 7 Main directions, movements and schools of non-classical philosophy	2	-
	LW, PW		-
	SEW Modern post-classical philosophy in Ukraine and the world.	2	4
8	L 8 Ukrainian philosophy in the context of the world history of philosophy.	2	-
	LW, PW Ukrainian philosophy: personalities of thinkers and stages of development	2	-
	SEW Contemporary worldview and philosophical situation in Ukraine	4	6

9	L 9 Philosophical content of the problem of existence and consciousness.	2	-
	LW, PW	-	-
	SEW Virtual existence as a world made by a human creativity	2	4
10	L10 The problem of cognition. Scientific knowledge	2	-
	LW, PW.	-	-
	SEW Personality and creative activity	2	4
11	L11 Man as a subject of philosophical analysis	2	-
	LW, PW		
	SEW Essence of the man and the meaning of his life	4	6
12	L12 Society as an object of knowledge	2	-
	LW, PW Essence of philosophical concepts of man and society.	2	-
	SEW Concept of sustainable development of society and its features	2	6
13	L13 Global problems of society and the idea of sustainable development	2	-
	LW, PW		
	SEW Norms and values of a globalized society.	4	6
14	L14 Society as a social reality. Spiritual life of the society	2	-
	LW, PW		
	SEW Norms and values of a globalized society	2	4
15	L15 Science and technology in the information society	2	2
	LW, PW Science, engineering and technology, their content.	2	2
	SEW The problem of "a dialogue" between man and machine.	4	4
16	L16 Philosophy of the science	2	-
	LW, PW Modern concepts of the science development	2	-
	SEW Philosophy of the science and technology as a branch of philosophical knowledge.	4	6
In total	L	32	4
	PW (LW)	16	4
	SEW	42	82

Teaching methods:

- 1) verbal: 1.1 traditional: lectures, explanations, stories, etc.;
- 1.2 interactive (non-traditional) problem lectures, discussions, etc.;
- 2) visual: illustration method, demonstration method
- 3) practical: 3.1 traditional: practical classes, seminars;
- 3.2 interactive (non-traditional): business and role-playing games, trainings, discussion seminars, round tables, brainstorming method.

Evaluation system and requirements:

Ongoing achievement

1. The applicants' ongoing achievement in the performance of the both educational activities and self-education work while training is evaluated using a four-point scale with the further conversion into the 100-point scale. While evaluating all kinds of works provided by the educational program are taken into account.
  - 1.1 Lectures are evaluated by determining the quality of specific tasks performance.
  - 1.2 Practical classes are evaluated by the quality of performance of the tests or individual tasks, execution and design of practical works.
  - 1.3 The laboratory classes are evaluated by the quality of the laboratory work report performance.
  - 1.4 Seminars are assessed by the quality of individual task/abstract performance.
2. The evaluation of the ongoing achievement of higher education applicants is carried out at each practical class (laboratory class or seminar) using a four-point scale ("5", "4", "3", "2") and are recorded in the journal of academic achievement.

- "excellent": the applicant masters the theoretical material in a perfect way, shows deep knowledge on the given theme or academic discipline, basic issues;
- "good": the applicant masters the theoretical material well, knows the main issues of the original sources and recommended references, and sets it out reasonably; has practical skills, gives his/her ideas on certain problems, but certain inaccuracies and errors in logic of the theoretical content or practical analysis are assumed;
- "satisfactory": the applicant basically masters the theoretical knowledge of the educational themes or disciplines, is aware of the original sources and recommended references but answers incomprehensibly, confuses the concept, gives uncertain answers to additional questions, does not have steady knowledge; answering the practical questions, reveals inaccuracy in knowledge, cannot make evaluation of facts and phenomena and connect them with the future profession;
- "unsatisfactory": the applicant does not master the educational material of the theme (disciplines), does not know scientific facts, definitions, is hardly aware of the original sources and recommended references, has a lack of scientific thinking, practical skills are not developed.

3. Final score for the current activity is determined as the average arithmetic sum of points for each class, for individual work, current tests according to the formula:

$$K^{nomou} = \frac{K1 + K2 + \dots + Kn}{n},$$

Where  $K^{nomou}$  – achievement finals core under the results of ongoing control;

$K1, K2, \dots, Kn$  – achievement score of  $n$  -ongoing control;

$n$  – number of ongoing controls.

Evaluation scores are converted into points according to the conversion scale (Table 1).

Table 1 – Conversion of average evaluation score for the current activity in a multi-point scale

4- point scale	100- point scale	4- point scale	100- point scale	4- point scale	100- point scale	4- point scale	100- point scale
5	100	4,45	89	3,90	78	3,35	67
4,95	99	4,4	88	3,85	77	3,3	66
4,9	98	4,35	87	3,80	76	3,25	65
4,85	97	4,3	86	3,75	75	3,2	64
4,8	96	4,25	85	3,7	74	3,15	63
4,75	95	4,20	84	3,65	73	3,1	62
4,7	94	4,15	83	3,60	72	3,05	61
4,65	93	4,10	82	3,55	71	3	60
4,6	92	4,05	81	3,5	70	Between 1,78 and 2,99	Between 35 and 59
						Retake test	
4,55	91	4,00	80	3,45	69	Between 0 and 1,77	Between 0 and 34
4,5	90	3,95	79	3,4	68	The second study	

#### Final score

1. The higher education applicant gets a score for the test at the last class according to the results of the current assessment. The average score for current activity is converted into a 100-point scale, according to the conversion table (Table 1).

Higher education applicants who have an average current score lower than "3" (60 points) can increase it at the last class by taking tests.

The applicants' knowledge evaluation is carried out by testing according to the following scale:

- "Excellent" is not less than 90% of correct answers;
- "Very good" ranges from 82% to 89% of correct answers;

- "Good" varies from 74% to 81% correct answers;
- "Satisfactory" extents from 67% to 73% of correct answers;
- "Satisfactory enough" is from 60% to 66% of correct answers;
- "Unsatisfactory" is under 60% of correct answers.

2. The conditions for obtaining the test are as follows:

- retake the missed classes;
- the average discipline current score is not less than "3" (60 points).

3. Extra-points are awarded to the applicants for performing individual self-education work and participation in scientific events.

3.1 Extra-points are added to the achieved sum of points by the higher education applicant for the current educational activity (for disciplines where the final form of control is test), or for the discipline where the final form of control is an exam.

3.2 The number of extra-points awarded for different types of individual tasks depends on their volume and importance:

- discipline prize-winning places on the at the international / all-Ukrainian competition of scientific students' works – 20 points;
- discipline prize-winning places at all-Ukrainian olympiads – 20 points;
- participation in the international / all-Ukrainian competition of scientific students' works – 15 points
- participation in international / all-Ukrainian scientific conferences of students and young scientists – 12 points;
- participation in all-Ukrainian discipline competitions– 10 points
- participation in KhNAHU discipline competitions and scientific conferences – 5 points;

– implementation of individual scientific and research (educational and research) tasks of increased complexity – 5 points.

3.3 The number of extra points might not exceed 20 points.

4. The result of the study is evaluated (select the relevant):

- on a two-point scale (passed/failed) according to table 2;
- on a 100-point scale (for differentiated test) according to table 3.

The total score comprising the extra-points might not exceed 100 points.

Table 2 – Conversion of the score into the national evaluation system

According to the 100- point scale	According to the national scale
between 60 scores and 100 scores	Passed
Less than 60 scores	Failed

Table 3–Applicants' evaluation score scale according to the final control of the academic discipline.

Evaluation score in points	Evaluation score according to national scale		ECTS grades	
			Grade	Criteria
	Exam	Test		
90-100	Excellent	Passed	A	The theoretical content of the course is mastered completely, without gaps, the necessary practical skills to work over the mastered material are developed, all the training tasks provided by the program are accomplished, the quality of their performance is estimated by the number of points close to the maximum

Evaluation score in points	Evaluation score according to national scale		ECTS grades	
			Grade	Criteria
	Exam	Test		
80–89	Very good	Passed	B	The theoretical content of the course is mastered completely, without gaps, the necessary practical skills to work over the mastered material are basically developed, all the training tasks provided by the program are accomplished, the quality of performance of most of them is estimated by the number of points close to the maximum.
75-79			C	The theoretical content of the course is mastered completely, without gaps, some practical skills to work with the mastered material are not developed sufficiently, all the training tasks provided by the program are accomplished, the quality of performance of none of them is estimated by the minimum number of points, some tasks can have mistakes
67-74	D		The theoretical content of the course is partially mastered, but the gaps are not significant, the necessary practical skills to work over the mastered material are basically developed, most of the training tasks provided by the program are accomplished, some of the completed tasks may contain mistakes	
60–66	E		The theoretical content of the course is partially mastered, some practical skills to work over the mastered material are not developed, many training tasks according to the program are not completed, or the quality of performance of some of them is estimated by the number of points close to the minimum.	
35–59	Unsatisfactory	Failed	FX	The theoretical content of the course is partially mastered, practical skills to work over the mastered material are not developed, most of the tasks provided by the programs are not completed, or the quality of their performance is estimated by the number of points close to the minimum; additional self-education work according to the course can improve the quality of the performance of educational tasks (in case of the second study)
0–34	Failed		F	The theoretical content of the course is not mastered, the necessary practical skills to work over the mastered material are not developed, all the completed educational tasks contain serious errors, additional self-education work according to the course doesn't have any significant quality improvement in educational tasks performance (due to mandatory second study)

Course policy:

– the course involves working in the team where the environment is friendly, creative, open to constructive criticism;

- grasping the discipline requires mandatory attendance of lectures and practical classes, as well as self-education work;
- self-education work involves studying certain discipline themes, which are submitted in accordance with the program for self-education work, or have been considered briefly;
- all the tasks provided by the program must be completed within the prescribed time-frame;
- if the higher education applicant is absent for valid reasons, he/she passes the completed tasks during the self-education work and consultations provided by the teacher;
- while studying the course, higher education applicants should follow the rules of academic integrity set out in such documents: «Rules of academic integrity of participants of the KhNAHU Education process» ([https://www.khadi.kharkov.ua/fileadmin/P\\_Standart/pologeniya/stvnz\\_67\\_01\\_dobroch\\_1.pdf](https://www.khadi.kharkov.ua/fileadmin/P_Standart/pologeniya/stvnz_67_01_dobroch_1.pdf)), «Academic integrity. The text check of academic, scientific and qualification works for the plagiarism» ([https://www.khadi.kharkov.ua/fileadmin/P\\_Standart/pologeniya/stvnz\\_85\\_1\\_01.pdf](https://www.khadi.kharkov.ua/fileadmin/P_Standart/pologeniya/stvnz_85_1_01.pdf)), «Moral and ethical code of participants of the KhNAHU educational process» ([https://www.khadi.kharkov.ua/fileadmin/P\\_Standart/pologeniya/stvnz\\_67\\_01\\_MEK\\_1.pdf](https://www.khadi.kharkov.ua/fileadmin/P_Standart/pologeniya/stvnz_67_01_MEK_1.pdf)).
- in case of detecting the plagiarism, the applicant receives 0 points for the task and must retake the tasks provided in the syllabus;
- cheating during control works and examinations is prohibited (including mobile devices). Mobile devices are only allowed to be used during online testing.

#### Reference:

1. Philosophy [Electronic resource] : for foreign students : compendium of lectures / O. K. Chaplygin, I. I. Chheailo, T. V. Yarmak ; Ministry of Education and Science of Ukraine, KhNAHU. - Kharkiv, 2021. - 43 p. URL: [ftp://194.44.189.147/libfulltxt/UCHLIB/KL/2021/KL\\_Chaplygin\\_Philosophy\\_eng\\_21.pdf](ftp://194.44.189.147/libfulltxt/UCHLIB/KL/2021/KL_Chaplygin_Philosophy_eng_21.pdf)
2. Філософія (нормативний курс) : навчальний посібник. – 2-е вид., допов. І переробл. /О.К. Чаплигін, І.І. Чхеайло, Л.В. Філіпенко, Т.В. Ярмач; за заг.ред. доц. І.І. Чхеайло. – Харків: ХНАДУ, 2019. – 200 с.
3. Данильян О. Г. Філософія : підручник / О. Г. Данильян, В. М. Тараненко. - 2-ге вид., допов. і переробл. — Х. : Право, 2012. — 312 с.
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9. Pruzan P. Research Methodology : The Aims, Practices and Ethics of Science / Peter Pruzan. – Cham : Springer, 2016.
10. Kuipers T. General Philosophy of Science : Focal Issues / Theo Kuipers. – Amsterdam ; London : North Holland, 2007.
11. Franklin J. What Science Knows: And How It Knows It / James Franklin. – New York : Encounter Books, 2009.
12. Volti R. Society and Technological Change / Rudi Volti. – New York : Worth Publications, 2009
13. Jones A. Globalization. Key Thinkers / Andrew Jones. – Cambridge : Polity Press, John Wiley & Sons, 2010.
14. Philosophy of Ecology / K. DeLaplante, B. Brown, K. A. Peacock (eds.). – Kidlington, Oxford, UK ; Waltham, Mass. : North Holland, 2011.
15. Mickey S. On the Verge of a Planetary Civilization : A Philosophy of Integral Ecology / Sam Mickey. – Lanham, MD :Rowman& Littlefield International, 2014.

Extra-reference:

1. Philosophy [Electronic resource] : for foreign students : compendium of lectures / O. K. Chaplygin, I. I. Chheailo, T. V. Yarmak ; Ministry of Education and Science of Ukraine, KhNAHU. - Kharkiv, 2021. - 43 p. URL:  
[ftp://194.44.189.147/libfulltxt/UCHLIB/KL/2021/KL\\_Chaplygin\\_Philosophy\\_eng\\_21.pdf](ftp://194.44.189.147/libfulltxt/UCHLIB/KL/2021/KL_Chaplygin_Philosophy_eng_21.pdf)
2. Філософія (нормативний курс) : навчальний посібник. – 2-е вид., допов. І переробл. /О.К. Чаплигін, І.І. Чхеайло, Л.В. Філіпенко, Т.В. Ярмак; за заг.ред. доц. І.І. Чхеайло. – Харків: ХНАДУ, 2019. – 200 с.
3. Чаплигін О. К. Основи філософії техніки та технології/О.К.Чаплигін. – Харків: Видавництво Форт, 2013. - 316 с.

Information resources:

- Про вищу освіту : Закон України 1556-VII від 01.07.2014. URL:  
<https://zakon.rada.gov.ua/laws/show/1556-18>
- Про освіту: Закон України 2145-VIII від 25.09.2017. URL:  
<https://zakon.rada.gov.ua/laws/show/2145-19>
- Про повну загальну середню освіту : Закон України 463-IX від 16.01.2020 URL:  
<https://dl2022.khadi-kh.com/course/view.php?id=2572>
- <http://files.khadi.kharkov.ua/transportnikh-sistem/filosofiji-i-politologiji/itemlist/category/820-kff.html>
- <https://uk.wikipedia.org/wiki/Філософія>
- [www.filosof.com.ua/](http://www.filosof.com.ua/)
- <https://tureligious.com.ua/>
- [arhe.com.ua](http://arhe.com.ua)

Syllabus developer (developers )



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