

**Ministry of Education and Science of Ukraine
Dnipro University of Technology**

DEPARTMENT OF Civil, Economic and Environmental Law

“APPROVED”

Head of Department

Pushkina O.V.

31.08. 2021



WORK PROGRAM OF THE ACADEMIC DISCIPLINE

" Law "

Field of study.....	14 Electrical engineering
Specialty.....	141 Electric Power Engineering, Electrical Engineering and Electromechanics
Academic degree.....	First (bachelor's)
Academic program.....	Electric Power Engineering, Electrical Engineering and Electromechanics
Type of discipline.....	compulsory
Total workload.....	3 credits (90 hours)
Type of final assessment.....	Exam
Period of study.....	6 semesters
Language of study.....	English

Lecturers: Associate Professor Iliushchenko Hanna

Prolonged: for 20 __ / 20__ academic year _____ (_____) " __ " __ 20__.

(Signature, name, date)

for 20 __ / 20__ academic year _____ (_____) " __ " __ 20__.

(Signature, name, date)

Dnipro
DUT
2021

Work program of the academic discipline “Law” for bachelor’s specialty 141 Electric Power Engineering, Electrical Engineering and Electromechanics / H.V. Iliushchenko / Dnipro University of Technology, Department of Civil, Economic and Environmental Law. - DA: DUT, 2021. - 13 p.

Author:

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The work program regulates:

- key goals and objectives;
- the disciplinary learning outcomes generated through the transformation of the intended learning outcomes of the degree program;
- the content of the discipline formed according to the criterion “disciplinary learning outcomes”;
- the discipline program (thematic plan by different types of classes);
- distribution of the discipline workload by different types of classes;
- an algorithm for assessing the level of achievement of disciplinary learning outcomes (scales, tools, procedures and evaluation criteria);
- criteria and procedures for evaluating the academic achievements of applicants by discipline;
- the contents of the educational and methodological support of the discipline;

The work program is designed to implement a competency approach in planning an education process, delivery of the academic discipline, preparing students for control activities, controlling the implementation of educational activities, internal and external quality assurance in higher education, accreditation of degree programs within the specialty.

Approved by the decision of the Scientific-Methodical Commission of specialty 141 Power engineering, electrical engineering and electromechanics («Power Engineering,, electrical engineering and electromechanics» at the request of the Department of Higher Mathematics (protocol № 21\22-01 dated 30.08.2021).

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1 DISCIPLINE OBJECTIVES

In the educational and professional programs of the Dnipro University of Technology specialty **141 Electric Power Engineering, Electrical Engineering and Electromechanics**, the distribution of program learning outcomes (NRN) for the organizational forms of the educational process is done. In particular, the following learning outcomes are attributed to the discipline 36 " **Law**":

ІІР14	Understand the principles of European democracy and respect for the rights of citizens, take them into account in decision-making
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The purpose of course – formation of competencies for the use of law knowledge in the training of bachelors in the specialty 141 «Power engineering, electrical engineering and electromechanics».

Course objectives:

- 1) understand the content and features of modern problems of legal regulation in the state;
- 2) to master the terminology of the researched scientific direction;
- 3) learn basic legal mechanisms to resolve legal problems of theoretical and applied nature.

Learning outcomes:

- use the state language and legal terminology in professional activities;
- analyze the components of social relations from the standpoint of law;
- use the acquired knowledge when making decisions on the application of legal liability for violations of the law;
- operational focus and find the necessary regulations to address practical issues;
- defend and protect the rights, freedoms and legitimate interests of the participants relations.

2 INTENDED DISCIPLINARY LEARNING OUTCOMES

Code NRN	Disciplinary learning outcomes (DRN)	
	DRN code	content
ІІР14	ІІР14.1-36	use the knowledge of modern achievements in the field of law to solve complex unpredictable problems and problems
	ІІР14.1-36	
	ІІР14.2-36	understand the principles of business ethics and legal mechanisms for its provision
	ІІР14.2-36	
ІІР14	ІІР14.3-36	know the general characteristics of the branches of law (administrative, civil, labor, family law)
	ІІР14.3-36	

3 BASIC DISCIPLINES

Subjects	The acquired learning outcomes
Civilization processes in Ukrainian society	Demonstrate an understanding of the fundamental principles of human existence, nature, society

4 WORKLOAD DISTRIBUTION BY THE FORM OF EDUCATIONAL PROCESS ORGANIZATION AND TYPES OF CLASSES

Type of classes	Workload hours	Distribution by forms of education, hours					
		Full-time		Part-time		Distance	
		Classes (C)	Individual work (IW)	Classes (C)	Individual work (IW)	Classes (C)	Individual work (IW)
lecture	50	16	34	-	-	6	84
practical	40	16	24	-	-	-	-
laboratory	-	-	-	-	-	-	-
workshops	-	-	-	-	-	-	-
TOGETHER	90	32	58	-	-	6	

5 DISCIPLINE PROGRAM BY TYPES OF CLASSES

DRN code	Types and topics of training sessions	Hours
	LECTURES	50
ПІ14.1-36-3	1. The constitutional order of Ukraine	8
ПІ14.2-36	2. Fundamentals of Administrative Law and Procedure	6
ПІ14.3-36	3. Labor law of Ukraine	6
ПІ14.3-36	4. Civil Law and Procedure	8
ПІ14.3-36	5. Family Law	6
ПІ14.3-36	6. Economic Law	8
ПІ14.3-36	7. Criminal Law and Procedure	8
	PRACTICAL TRAINING	40
ПІ14.1-36	1. The constitutional order of Ukraine	4
ПІ14.2-36	2. Fundamentals of Administrative Law and Procedure	6
ПІ14.3-36	3. Labor law of Ukraine	6
ПІ14.3-36	4. Civil Law and Procedure	6
ПІ14.3-36	5. Family Law	6
ПІ14.3-36	6. Economic Law	6
ПІ14.3-36	7. Criminal Law and Procedure	6
TOTAL		90

6 TASKS FOR SELF TRAINING

The main tasks for self training are:

- 1) preliminary processing of information concerning the module (topic);
- 2) preparation for the current tests - solving tasks of self-control on each topic;
- 3) performance of an individual task;
- 4) preparation for the defense of an individual task;
- 5) preparation for the final test.

7 KNOWLEDGE PROGRESS TESTING

Certification of student achievement is accomplished through transparent procedures based on objective criteria in accordance with the University Regulations “On Evaluation of Higher Education Applicants' Learning Outcomes”.

The level of competencies achieved in relation to the expectations, identified during the control activities, reflects the real result of the student's study of the discipline.

7.1 GRADING SCALES

Assessment of academic achievement of students of the Dnipro University of Technology is carried out based on a rating (100-point) and institutional grading scales. The latter is necessary (in the official absence of a national scale) to convert (transfer) grades for mobile students.

The scales of assessment of learning outcomes of the NTUDP students

Rating	Institutional
90 ... 100	Excellent
74 ... 89	Good
60 ... 73	Satisfactory
0 ... 59	Failed

Discipline credits are scored if the student has a final grade of at least 60 points. A lower grade is considered to be an academic debt that is subject to liquidation in accordance with the Regulations on the Organization of the Educational Process of NTUDP.

7.2 DIAGNOSTIC TOOLS AND EVALUATION PROCEDURES

The content of diagnostic tools is aimed at controlling the level of knowledge, skills, communication, autonomy, and responsibility of the student according to the requirements of the National Qualifications Framework (NQF) up to the 7th qualification level during the demonstration of the learning outcomes regulated by the work program.

During the control activities, the student should perform tasks focused solely on the demonstration of disciplinary learning outcomes.

Diagnostic tools provided to students at the control activities in the form of tasks for the intermediate and final knowledge progress testing are formed by specifying

the initial data and a way of demonstrating disciplinary learning outcomes.

Diagnostic tools (control tasks) for the intermediate and final knowledge progress testing are approved by the appropriate department.

Type of diagnostic tools and procedures for evaluating the intermediate and final knowledge progress testing are given below.

Diagnostic and assessment procedures

INTERMEDIATE CONTROL			FINAL ASSESSMENT	
training sessions	diagnostic tools	procedures	diagnostic tools	procedures
lectures	control tasks for each topic	task during lectures	comprehensive reference work (CCW)	determining the average results of intermediate controls;
practical	control tasks for each topic	tasks during practical classes		CCW performance during the examination at the request of the student
	or individual task	tasks during independent work		

During the intermediate control, the lectures are evaluated by determining the quality of the performance of the control specific tasks. Practical classes are assessed by the quality of the control or individual task.

If the content of a particular type of teaching activity is subordinated to several descriptors, then the integral value of the assessment may be determined by the weighting coefficients set by the lecturer.

Provided that the level of results of the intermediate controls of all types of training at least 60 points, the final control can be carried out without the student's immediate participation by determining the weighted average value of the obtained grades.

Regardless of the results of the intermediate control, every student during the final knowledge progress testing has the right to perform the CDF, which contains tasks covering key disciplinary learning outcomes.

The number of specific tasks of the CDF should be consistent with the allotted time for completion. The number of CDF options should ensure that the task is individualized.

The value of the mark for the implementation of the CDF is determined by the average evaluation of the components (specific tasks) and is final.

The integral value of the assessment of the implementation of the CCW can be determined taking into account the weights set by the department for each component of the description of the qualification level of the NQF.

7.3 EVALUATION CRITERIA

The actual student learning outcomes are identified and measured against what is expected during the control activities using criteria that describe the student's actions to demonstrate the achievement of the learning outcomes.

To evaluate the performance of the control tasks during the intermediate control of lectures and practicals the assimilation factor is used as a criterion, which automatically adapts the indicator to the rating scale:

$$O_i = 100 a / m,$$

where a - number of correct answers or significant operations performed according to the solution standard; m - the total number of questions or substantial operations of the standard.

Individual tasks and complex control works are expertly evaluated using criteria that characterize the ratio of competency requirements and evaluation indicators to a rating scale.

The content of the criteria is based on the competencies identified by the NLC for the Bachelor's level of higher education (given below).

General criteria for achieving learning outcomes

for the 6th qualification level for NQF (bachelor)

Description of the qualification level	Requirements for knowledge, communication, autonomy and responsibility	Indicator evaluation
Knowledge		
<ul style="list-style-type: none"> Conceptual knowledge acquired during the training and professional activities, including some knowledge of modern achievements; critical understanding of the main theories, principles, methods, and concepts in education and careers 	- A great - proper, reasonable, sensible. Measures the presence of: - conceptual knowledge; - a high degree of state ownership issues; - critical understanding of the main theories, principles, methods and concepts in education and careers	95-100
	A non-gross contains mistakes or errors	90-94
	The answer is correct but has some inaccuracies	85-89
	A correct some inaccuracies but has also proved insufficient	80-84
	The answer is correct but has some inaccuracies, not reasonable and meaningful	74-79
	A fragmentary	70-73
	A student shows a fuzzy idea of the object of study	65-69
	Knowledge minimally satisfactory	60-64
	Knowledge unsatisfactory	<60
Ability		
<ul style="list-style-type: none"> solving complex problems and unforeseen problems in specialized areas of professional and/or training, which involves the collection and interpretation of 	<ul style="list-style-type: none"> The answer describes the ability to: <ul style="list-style-type: none"> identify the problem; formulate hypotheses; solve problems; choose adequate methods and tools; collect and interpret logical and understandable information; use innovative approaches to solving the problem 	95-100

Description of the qualification level	Requirements for knowledge, communication, autonomy and responsibility	Indicator evaluation
information (data), choice of methods and tools, the use of innovative approaches	The answer describes the ability to apply knowledge in practice with no blunders	90-94
	The answer describes the ability to apply knowledge in practice but has some errors in the implementation of a requirement	85-89
	The answer describes the ability to apply knowledge in practice but has some errors in the implementation of the two requirements	80-84
	The answer describes the ability to apply knowledge in practice but has some errors in the implementation of the three requirements	74-79
	The answer describes the ability to apply knowledge in practice but has some errors in the implementation of the four requirements	70-73
	The answer describes the ability to apply knowledge in practice while performing tasks on the model	65-69
	A characterizes the ability to apply knowledge in performing tasks on the model, but with uncertainties	60-64
	The level of skills is poor	<60
Communication		
♦ report to specialists and non-specialists of information, ideas, problems, solutions and their experience in the field of professional activity; ♦ the ability to form an effective communication strategy	- Fluent problematic area. Clarity response (report). Language - correct; - - net; - - clear; - - accurate; - - logic; - - expressive; - - concise. Communication strategy: coherent and consistent development of thought; availability of own logical reasoning; relevant arguments and its compliance with the provisions defended; the correct structure of the response (report); correct answers to questions; appropriate equipment to answer questions; the ability to draw conclusions and formulate proposals	95-100
	Adequate ownership industry issues with minor faults. Sufficient clarity response (report) with minor faults. Appropriate communication strategy with minor faults	90-94
	Good knowledge of the problems of the industry. Good clarity response (report) and relevant communication strategy (total three requirements are not implemented)	85-89
	Good knowledge of the problems of the industry. Good clarity response (report) and relevant communication strategy (a total of four requirements is not implemented)	80-84
	Good knowledge of the problems of the industry. Good clarity response (report) and relevant communication strategy (total not implemented the five requirements)	74-79

Description of the qualification level	Requirements for knowledge, communication, autonomy and responsibility	Indicator evaluation
	Satisfactory ownership issues of the industry. Satisfactory clarity response (report) and relevant communication strategy (a total of seven requirements not implemented)	70-73
	Partial ownership issues of the industry. Satisfactory clarity response (report) and communication strategy of faults (total not implemented nine requirements)	65-69
	The fragmented ownership issues of the industry. Satisfactory clarity response (report) and communication strategy of faults (total not implemented 10 requirements)	60-64
	The level of poor communication	<60
Autonomy and responsibility		
<ul style="list-style-type: none"> ♦ management actions or complex projects, responsible for decision-making in unpredictable conditions; ♦ responsible for the professional development of individuals and/or groups ♦ the ability to continue study with a high degree of autonomy 	<ul style="list-style-type: none"> - Excellent individual ownership management competencies focused on: <ul style="list-style-type: none"> 1) management of complex projects, providing: <ul style="list-style-type: none"> - exploratory learning activities marked the ability to independently evaluate various life situations, events, facts, detect and defend a personal position; - the ability to work in a team; - control of their own actions; 2) responsibility for decision-making in unpredictable conditions, including: <ul style="list-style-type: none"> - justify their decisions the provisions of the regulatory framework of sectoral and national levels; - independence while performing tasks; - lead in discussing problems; - responsibility for the relationship; 3) responsible for the professional development of individuals and/or groups that includes: <ul style="list-style-type: none"> - use of vocational-oriented skills; - the use of evidence from independent and correct reasoning; - possession of all kinds of learning activities; 4) the ability to further study with a high degree of autonomy, which provides: <ul style="list-style-type: none"> - degree possession of fundamental knowledge; - independent evaluation judgments; - high level of formation of general educational skills; - search and analysis of information resources 	95-100
	Confident personality possession competency management (not implemented two requirements)	90-94
	Good knowledge management competencies personality (not implemented three requirements)	85-89
	Good knowledge management competencies personality (not implemented the four requirements)	80-84
	Good knowledge management competencies personality (not implemented six requirements)	74-79
	Satisfactory ownership of individual competence management (not implemented seven requirements)	70-73
	Satisfactory ownership of individual competence management (not implemented eight claims)	65-69

Description of the qualification level	Requirements for knowledge, communication, autonomy and responsibility	Indicator evaluation
	The level of autonomy and responsibility fragmented	60-64
	The level of autonomy and responsibility poor	<60

8 TOOLS, EQUIPMENT, AND SOFTWARE

Technical training tools via multimedia software.

Distance learning platform Moodle, MS Teams

9 RECOMMENDED BIBLIOGRAPHY

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