	TRAINING COURSE SYLLABUS
	«TECHNICAL RATE SETTING IN AGRICULTURAL
ПОЛТАВСЬКИЙ ДЕРЖАВНИЙ АГРАРНИЙ УНІВЕРСИТЕТ	
	PRODUCTION»
degree	Master level
specialties,	015 Vocational training (Agricultural production, processing of
training programs	agricultural products and food technologies)
	vocational training (Agricultural production, processing of agricultural
	products and food technologies)
	133 Industrial engineering
	Machines and mechanization of agricultural production
	208 Agricultural engineering
	Technologies and agricultural production mechanization
	192 Construction and civil engineering
Total day of the second of	Technologies of building constructions, products and materials
Training course's status	faculty, selective
Year, period	1 year, 2 period
Workload	Total hours – 120 h.
	Credits – 4.
Language	Ukrainian, English
Faculty, hair	Faculty of engineering and technology,
	chair of Mechanical and Electrical Engineering
Author's contacts	Lecturer:
	PETRASH Oleksandr, candidate of technical sciences, associate
	professor at the chair of Mechanical and Electrical Engineering
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Course study	Study and systematize current regulatory documents used in the
purpose	preparation of investor estimate documentation for construction,
	expansion, reconstruction, technical re-equipment of enterprises of the
	national economy of Ukraine; to be able to obtain the necessary
	information on issues of labor rationing, drawing up estimate
Camaralanaia	documentation and reliable determination of the cost of projects.
Competencies	 Ability to use information and communication technologies. The ability to learn and master modern knowledge.
	3. Ability to search, process and analyze information from various
	sources.
	4. Ability to identify, pose and solve problems.
	5. Ability to make informed decisions.
	6. The ability to apply quantitative mathematical, scientific and
	technical methods and computer software tools to solve engineering
	problems, in particular, in conditions of technical uncertainty.
	7. The ability to develop and implement plans and projects in the
.	field of the national economy, to carry out relevant business activities.
Results	RN 1. To be able to compile, analyze and optimize cost
	documentation for investment projects.
	RN 2. The ability to conduct research on mechanized processes with

	the derivation of the rate of consumption of time and materials.
Teaching methods	 verbal methods: lecture; story-explanation
	 visual methods: demonstration, illustration;
	practical methods: exercises;
	partially searchable;
	 interactive methods: brainstorming, designing
	professional situations, discussions;
	 computer and multimedia methods: use of multimedia
	presentations.
Program of	Topic 1. Technical standardization.
educational	Topic 2. Determining the scope of work and required resources.
discipline	Topic 3. Cost estimation trade.
	Topic 4. Analysis and optimization of the investor cost estimation
	documentation.
A strategy for	Forms of current knowledge control and criteria for evaluating
evaluating	educational achievements:
learning outcomes	- survey;
	performance of tasks for independent work;performing exercises in practical classes;
	- execution of tests.
	Semester control form: credit.
Policy of	1. Academic integrity: a student of higher education must adhere to the
educational	Code of Academic Integrity and the Code of Ethics of a teacher and
discipline	student of higher education of Poltava State Agrarian University.
	2. Deadlines and rescheduling: practical tasks, tasks of independent
	work, which are submitted with a violation of deadlines without good
	reasons, are evaluated for a lower grade (-30%). Rescheduling of the
	current and final control takes place in the presence of good reasons with
	the permission of the dean's office.
	3. The possibility of mastering this academic discipline under academic
	mobility programs. A specially created commission carries out the
	recognition and re-enrollment of the results of such training on the basis
	of the relevant documents submitted by the student of higher education
	using the European credit transfer system. The Regulation on Academic
	Mobility of Students of Higher Education at PSAU regulates the organizational processes of studying under academic mobility programs.
	4. Applicants of higher education are entitled to the recognition of
	learning results acquired in non-formal/informal education before
	mastering this educational component. Recognition of acquired learning
	results or refusal to recognize them. Acquiring relevant learning
	outcomes is possible after the successful completion of courses (with
	documentary evidence) on various educational platforms, in particular:
	Prometheus, Coursera, etc. The features of non-formal/informal
	education are regulated by the Regulations on the Procedure for
	Recognition of Learning Outcomes Acquired in Non-Formal and
	Informal Education by the PSAU students.
Recommended	Basic
sources of	1. Kovaliova, O. M. The role of labor regulation in the labor
information	potential management system. 2020.
	2. Code of labor laws: Law of Ukraine as amended from 19.07.2022
	№ 2434-IX. https://zakon.rada.gov.ua 3 Mislick G K & Nussbaum D A Cost estimation: Methods
	3. Mislick, G. K., & Nussbaum, D. A. Cost estimation: Methods and tools. John Wiley & Sons. 2015.
	una ioois. John whey & Sons. 2015.

	Supplementary
	1. Petrash, O.V., Zotcenko, M.L., Petrash, S.S. et al. Normative
	studies of drilling technology for the production of soil-cement piles.
	2016. Construction Scientific Bulletin. Kharkiv. Vol. 2 (84). P. 211 –
	223.
	2. Service for working with regulatory documents of the
	construction industry. http://online.budstandart.com/ua/
Year of	2023
introduction	