

## Description of Discipline

Title of Discipline / Organization of Production				
Semester	Duration	Type of Discipline	ECTS Credits	Student Workload
6	210 hrs.	elective	7	60 hours of teaching, 150 hours of self-study

Requirements for Participation	Type of examination (oral, written, term paper, etc.)	Methods of teaching and learning (lectures, seminars, etc.)	Discipline Coordinator
Completed disciplines 'Political Economy', 'Business Economics', 'Macroeconomics', 'Microeconomics', 'Computer Science'	Written exam	Lectures, practical classes, self-study, individual assignments	M. Polenkova

Learning Outcomes
<p>GC4. Ability to apply knowledge in practical situations.</p> <p>GC5. Ability to communicate in the state language both orally and in writing</p> <p>GC7. Skills in the use of information and communication technologies.</p> <p>GC8. Ability to search, process and analyze information from various sources.</p> <p>GC11. Ability to make informed decisions.</p> <p>GC14. Knowledge of current issues and the main tasks of life safety and the ability to determine the scope of their responsibilities for the performance of professional tasks, taking into account the risk of hazards that can cause emergencies and lead to adverse consequences on the premises.</p> <p>GC15. Ability to provide assistance and advice to employees and the public on practical issues of life safety and protection in emergencies.</p> <p>SC7. Ability to use computer technology and data processing software to solve economic problems, analyze information and prepare analytical reports.</p> <p>SC10. Ability to use modern sources of economic, social, managerial, accounting information for the preparation of official documents and analytical reports.</p> <p>SC11. Ability to substantiate economic decisions on the basis of understanding the laws of economic systems and processes and using modern methodological tools.</p> <p>SC12. The ability to independently identify problems of an economic nature in the analysis of specific situations, to suggest ways to solve them.</p> <p>SC15. Ability to develop measures for the formation and use of production potential of the enterprise, all types of resources in various areas of the enterprise.</p> <p>SC20. Be able to coordinate actions and control the process of formation and use of all types of resources and the production process at the enterprise in different areas of the enterprise.</p> <p>SC34. Ability to navigate the basic methods and systems of man-made safety, reasonably choose known devices, systems and methods of protection of man and the environment from hazards.</p> <p>PLO2. Understand the principles of economics, features of economic systems.</p> <p>PLO4. Be able to analyze the processes of state and market regulation of socio-economic and labor relations.</p> <p>PLO9. To analyze the functioning and development of economic entities, to determine the functional areas, to calculate the relevant indicators that characterize the effectiveness of their activities.</p>

- PLO10. Apply the acquired theoretical knowledge to solve practical problems and meaningfully interpret the results.
- PLO11. Identify sources and understand the methodology for determining and methods of obtaining socio-economic data, collect and analyze the necessary information, calculate economic and social indicators.
- PLO12. Be able to use data, provide arguments, critically evaluate logic and draw conclusions from scientific and analytical texts on economics.
- PLO14. Use regulations and legal acts governing professional activities.
- PLO15. Use information and communication technologies to solve socio-economic problems, prepare and present analytical reports.
- PLO19. Be able to independently identify economic problems in the analysis of specific situations, to suggest ways to solve them.
- PLO21. Be able to develop optimal plans for the enterprise as a whole and its individual units.
- PLO24. Have knowledge of ensuring safe working conditions and the environment when conducting research in production activities.
- PLO27. Ability to apply knowledge and understanding to solve problems that are characteristic of the economy.
- PLO28. Ability to provide assistance and advice to employees and the public on practical issues of life safety and protection in emergencies.

## Contents

### **MODULE 1. THEORETICAL BASES OF ORGANIZATION OF PRODUCTION**

- Topic 1. Organizational bases of production
- Topic 2. Production systems
- Topic 3. Production process and organizational types of production

### **MODULE 2. ORGANIZATION OF BASIC PRODUCTION PROCESSES**

- Topic 4. Organization of labor protection
- Topic 5. Organization of labor processes
- Topic 6. Labor Rationing
- Topic 7. Organization of the production process in space
- Topic 8. Organization of the production process in time

### **MODULE 3. PRODUCTION INFRASTRUCTURE AND ORGANIZATION OF A COMPLEX PRODUCTION SERVICE**

- Topic 9. Organization of auxiliary production
- Topic 10. Organization of servicing units

### **MODULE 4. METHODS OF ORGANIZATION OF PRODUCTION**

- Topic 11. Job production. Batch production
- Topic 12. Flow production. Automated production.

## Exemplary Literature

### **Primary**

1. Vasilkov V.G. Organization and management of production processes: textbook. / V.G. Vasilkov, N.V. Vasilkova; State. higher ed. inst. "Kiev. nat. econ. un-ty named after Vadim Hetman". - K.: KNEU, 2011. - 503 p.
2. Grinyova V.M. Organization of production [Text] textbook / V.M. Grinyova, M.M. Salun. - Kyiv: Znannia, 2009. - 582 p.
3. Kozik V.V. Organization of production: textbook. /V. V. Kozik, A. S. Gavrilyak. - K.: Znannia, 2011. - 222 p.
4. Organization of production: a textbook / V.O. Onishchenko, O.V. Redkin, A.S. Starovirets, V.Ya. Chevganova. - Kyiv: Libra, 2008. - 360 p.

5. Sveleba N.A. Organization of production: textbook. - L .: Lviv Publishing House of commerce acad., 2012. - 383 p.

**Supplementary**

1. Economic Code of Ukraine of 16.01.2003 № 436-IV [Electronic resource]. - Access mode: <http://zakon2.rada.gov.ua/laws>
2. Code of Labor Laws of Ukraine [Electronic resource]. - Access mode: <http://zakon2.rada.gov.ua/laws>
3. Law of Ukraine "On certification of products and services" [Electronic resource]. - Access mode: <http://zakon2.rada.gov.ua/laws>
4. DSTU BA 1.1-40-94. Quality indicators and methods for assessing the level of product quality. Terms and definitions. [Electronic resource]. - Access mode: <http://profidom.com.ua/>
5. Bakhtinova A.P. Organization of production. Practicum: textbook / A.P. Bakhtinova, O.O. Gil, L.O. Grishina - Lviv: New World - 2000, 2008. - 216p. - (Higher education in Ukraine).
6. Bilokonenko V.I. Organization of production: lecture notes. - Kharkiv Ed. KhNEU, 2005. - 180p.

**Web resources**

1. [http://econ.fem.sumdu.edu.ua/images/stories/menu/publications/monographs/tses\\_melnyk.pdf](http://econ.fem.sumdu.edu.ua/images/stories/menu/publications/monographs/tses_melnyk.pdf)
2. <http://www.smartcat.ru/RegionEconomic/RegionalEconomicV.shtml>

Academic staff

Name	Academic degree	Position	Qualification / Academic Discipline	Full-time / Part-time	Area of Teaching
Polenkova Maryna Volodymyrivna	PhD in Economics	Associate Professor at the Department of Theoretical and Applied Economics	Financial and Economic Re-Training Institute of Chernihiv Technological Institute (1996), specialty – Finance and Credit, qualification – Economist; PhD in Economics 08.00.05 Development of Productive Forces and Regional Economics	Full-time	Regional Economics, Marketing, Organization of Production, Economics and Organization of Innovative Activity, Logistics, Mathematical Modeling of Business Activity, Substantiation of Business Decisions and Risk Assessment, Economic Substantiation of Projects