

## PRODUCTION ORGANIZATION

### ANNOTATION TO THE CURRICULUM OF THE INSTITUTION OF HIGHER EDUCATION

**Specialty** 1-27 01 01 "Economics and organization of production"

**Direction of the specialty** 1-27 01 01-01 "Economics and organization of production (engineering)"

**Specialization** 1-27 01 01-01 02 "Organization of the use of production resources in mechanical engineering"

	Form of higher education
	Full-time (daytime)
Course	3
Semester	5,6
Lectures, hours	100
Practical (seminar) classes, hours	68
Laboratory classes, hours	16
Pass, semester	5
Auditor's examination, semester (hours)	-
Course project, semester	6
Exam, semester	6
Classroom hours per academic discipline	184
Independent work, hours	172
Total hours per academic discipline / credit units	356/9

1. **Brief content of the discipline:** subject and objectives of the production organization course in mechanical engineering; development of science and production management practices; types and technical and economic characteristics of enterprises; peculiarities of organization of production process in space and in time; Types, forms and methods of organization of production; content and tasks of operational and production planning at the enterprise; main types of operational scheduling systems; The importance and content of technical preparation of production; organization of production design preparation; organization of technological preparation of production; organization of production maintenance; organization of the tool economy; production logistics; organization of sales of products in the enterprise; organization of warehousing; organization of product quality control; design and improvement of production organization; design and improvement of production organization; foreign experience in organizing production at enterprises of various industries.

2. **Learning outcomes. As a result of mastering the academic discipline, the student must:**

- **know:** legislative acts and regulations in the field of organization of production; the structure of the industry; the nature of the relationship between organizations and enterprises providing the industry with the necessary logistical resources; methods and methods of production organization;

- **be able to:** develop versions of organizational and technological schemes; use computing equipment in the development of production organization issues; develop detailed operational and calendar plans and schedules for the provision of logistical resources; set tasks for workers and monitor execution of works;

- **possess:** methods and methods of production organization; methods of development of operational and calendar plans; calculation skills of the main organizational and technical parameters of production lines, inter-operation back-ups reserves, construction of schedules of lines operation.

3. **Formed competencies:** BPC-3 - be able to develop organizational design options, drawings, graphic images of scheduling plans and logistic supports.

4. **Requirements and forms of current and intermediate certification.** Modular rating system is used. Intermediate certification: protection of an individual task and pass. Current certification: exam.