WELDING PRODUCTION MANAGMENT
(course title)

COURSE SYLLABUS ABSTRACT

6-05-0714-03 "Engineering and technical design and production of materials and products made from them"

	STUDY MODE		
	full-time	part-time	part-time (shortened program)
Year	4	4,5	3,4
Semester	7,8	8,9	6,7
Lectures, hours	52	12	12
Practical classes (seminars), hours	46	10	10
Pass/fail, semester	8	9	7
Exam, semester	7	8	6
Contact hours	98	22	22
Independent study, hours	146	222	222
Total course duration in hours / credit units	244/7		

1. Course outline

The purpose of the discipline is to develop students' ideas, knowledge and skills in developing a system of measures that makes it possible to maximize the use of all equipment, technical and logistical resources of the enterprise, ensure coherence in work, establish a certain proportionality between all its parts and thereby ensure the fulfillment of the planned volume of production by the enterprise.

2. Course learning outcomes

Upon completion of the course, students will be expected to

know:

- principles of coordination of production activities
- organization and design procedure of welding sites and workshops
- the order of formation of a new production facility and the specific weight of welded structures in it.
- forms of organization of assembly and welding works.

be able to:

- to make technological calculations, calculations of labor and material costs.
- carry out the layout of the welding shop, site, taking into account the actual production conditions
- carry out (plan) routine preventive maintenance of welding equipment

to possess a skill:

methods of current and future planning of production work

- methods of forming an optimal technological process that minimizes labor costs and material energy resources
- methods of calculating areas

3. Competencies

Be able to carry out the layout of the welding shop, site, taking into account the production conditions, calculate the production program, operating mode, and operating time funds of the equipment

4. Requirements and forms of midcourse evaluation and summative assessment

To assess the quality of assimilation of the educational material by students, including competencies, current certification is carried out in oral form during training sessions when defending practical assignments. Interim certification is carried out based on the results of the current certification and provides for a test, an exam. Form: oral and written.