PRODUCTION OF WELDED STRUCTURES
(name of the discipline)

ANNOTATION
TO THE CURRICULUM OF THE INSTITUTION OF HIGHER EDUCATION

specialty 1-36 01 06 “equipment and technology of welding production”
direction of specialty _____
specialization _____

	form of higher education		
	Full time (daytime)	Correspondence	Correspondence abbreviated
Course	4,5	5,6	4,5
Semester	8,9	9,10,11	8,9,10
Lectures, hours	50	14	12
Practical (seminar) classes, hours	18	4	8
Laboratory classes, hours	34	14	14
Classroom examination (semester, hours)		10(2часа)	9(2часа)
Course project, semester	9	11	10
Credit, semester	8	9	8
Exam, semester	9	10	9
Classroom hours per academic discipline	102	34	36
Independent work, hours	148	216	214
Total hours in academic discipline / credit units	250/6		

1. Brief content of the discipline
The purpose of the discipline is to present the modern experience in the manufacture of welded structures with the widespread use of mechanization and automation of production. Development of students' ideas, knowledge and skills on ways to improve the efficiency of production of welded structures, taking into account the fulfillment of requirements for reducing material and resource intensity.

2. Learning outcomes
As a result of mastering the academic discipline, the student must
know:
The main methods of procurement of parts; technology for the production of various types of welded structures in the conditions of a single small-scale, large-scale and mass production; the principle of operation of mechanical equipment and technological lines in welding production; basics of safe work in the manufacture of structures.
be able to:
Develop technological processes for the procurement of parts, assembly and welding of welded assemblies; choose the necessary auxiliary equipment for welding structures; correctly solve the issues of ensuring the quality of products, choosing the necessary control methods.
own:
Technical and economic methods for choosing the methods of procurement, assembly and welding of parts and assemblies; methods of safe work on equipment, during assembly and welding operations.

3. Formed competencies
SC-7: To master the technologies for the production of welded structures for various purposes, auxiliary equipment, the principles of calculating structures and equipment for strength and manufacturability, taking into account the specifics of production

4. Requirements and forms of current and intermediate certification.
When studying the discipline, a module-rating system for assessing knowledge is used. Used assessment tools for the academic discipline are stored at the department.