

INTRODUCTION TO THE MAJOR
(course title)

COURSE SYLLABUS ABSTRACT

6-05-0714-03 Engineering Design and Manufacture of Materials and Products
(speciality code and name)

Equipment and technology of welding production
(concentration)

	STUDY MODE
	full-time
Year	1
Semester	1
Lectures, hours	16
Pass/fail, semester	1
Contact hours	16
Independent study, hours	14
Total course duration in hours / credit units	30

1. Course outline

The purpose of the discipline is to form students of the specialty 6-05-0714-03 "Engineering and technical design and production of materials and products from them" profiling "Equipment and technology of welding production" of sustained interest in the role of an engineer in technical progress to the history and future development of technology and technology in the field of welding production, familiarization with the basics of the organization of the educational process, preparation of scientific and engineering personnel in the condition of the technical university.

2. Course learning outcomes

Upon completion of the course, students will be expected to know:

- requirements for a modern engineer;
- the functions of an engineer and the areas of his professional activity;
- history of technology;
- development of welding production;
- modern developments in welding production;

be able to:

- find information on various areas of engineering activity;
- evaluate promising areas of use of engineering personnel.

to possess a skill:

- professional training of a modern welder engineer.

3. Competencies

CC-1 To master the basics of research activities, to search, analyze and synthesize information.

CC-6 To take the initiative and adapt to changes in professional activity.

4. Requirements and forms of midcourse evaluation and summative assessment

To diagnose competencies, it is recommended to use the following forms:

- oral;

To assess the level of knowledge of students, it is recommended to use the following diagnostic tools:

- oral tests; oral answers to lectures.