

Second Technological internship

INTERNSHIP COURSE SYLLABUS ABSTRACT

6-05-0713-04 Automation of technological processes and production
(speciality code and name)

Automated electric drives
(concentration)

	STUDY MODE		
	full-time	part-time	part-time (shortened program)
Year	3	4	3
Semester	6	8	6
Total course duration in hours / credit units	162/4		

1 Internship course outline (aims and objectives)

The objectives of the internship are:

- consolidation of theoretical knowledge obtained in the study of special disciplines, as well as mastering practical skills and advanced methods of work organization necessary for the operation, repair, installation and adjustment of electrical equipment at industrial enterprises.

- to broaden their horizons in their specialty, students also become familiar with modern systems of adjustable electric drives and numerical control, robots and robotic complexes.

2 Course learning outcomes

As a result of the internship, students should:

- consolidate the theoretical knowledge obtained as a result of studying the following disciplines:

"Electrotechnical materials";

"Theoretical foundations of electrical engineering";

"Computer science"

"Theory of electric drives";

"Elements of automated electric drives";

- master practical skills technologies of installation, adjustment, operation, repair of electric drives and electrical equipment; safety rules for the operation and repair of electrical equipment and labor protection measures;

- to develop practical expertise standardization and quality control of products; performing work in public organizations of industrial enterprises.

3 Competencies

Be capable of self-development and improvement in professional activities

4 Form of midcourse evaluation

Intermediate certification for practical training is carried out in the form of differentiated credit.