

CURRICULUM



APPROVED by Academic Council
Igor Sikorsky Kyiv Polytechnic Institute
(meeting protocol № 2 from 20/2024)
Head of Academic Council
Mykhailo ILCHENKO

Level Bachelor Field of Study 17 - Electronics, Automation and Electronic Communications Form of study full-time
(full-time, part-time)
Specialty 174 Automation, Computer-Integrated Technologies and Robotics Faculty (Institute) Chemical Engineering
Educational and Professional programme Automation hardware and software Qualification Bachelor of Automation, Computer-Integrated Technologies and Robotics
Graduation Department Automation hardware and software Department Study duration 3 years 10 months
Base level Full Secondary Education

I. Schedule of educational process

Calendar grid showing months from September to August and days of the week. Symbols for Learning period (E), Examination (P), Practice (R), Research (A), Assessment (H), and Holiday are used to mark specific days.

II. Summary table of time budget (Weeks)

Table with columns for Year, Learning period, Examination, Practice, Research, Holiday, and Total. Rows for years I, II, III, IV show the distribution of time across these categories.

III. Practice

Table with columns for Type of practice, Term (Semester), and Weeks. Shows Industrial practice for 8 terms over 5 weeks.

IV. Graduates assessment

Table with columns for Subjects, Form of graduates assessment (exam, graduation project), and Term (Semester). Shows Diploma project and Graduation Project for 8 terms.

V. Plan of Educational process

Main curriculum plan table with columns for Code, Educational components, Distribution for terms (semesters) [Exams, Final tests, Module test, Calculation, graphic, calculation and graphic assignment, Home test, Essay, abstract], ECTS Credits, Number of hours [Total, Classroom studies (Lectures, Practical, Laboratory), Self-study], and Distribution of classroom studies hours per week [1 year, 2 year, 3 year, 4 year].

1. NORMATIVE educational components

1.1. General training cycle

Table of normative educational components for the general training cycle, including courses like Ukraine in European History, Chemistry, Engineering Graphics, Foreign Language, and Information Security.

1.2. Vocational training cycle

Table of normative educational components for the vocational training cycle, including courses like Computer-Integrated Technologies, Programming, Higher Mathematics, Physics, and Automation of Technological Processes.

2. ELECTIVE educational components

2.1. General training cycle (Elective educational components from University catalogue)

Table of elective educational components for the general training cycle, including Educational component 1 GU-Catalog and Educational component 2 GU-Catalog.

2.2. Vocational training cycle (Elective educational components from Interfaculty/Faculty/Department catalogue)

Table of elective educational components for the vocational training cycle, including Educational component 1 F-Catalog through Educational component 14 F-Catalog.

Head of the SMC Anatolii ZHUCHENKO
Head of the Department Vitalii TSAPAR
Dean of the Faculty/ Director of the Institute Yevgen PANOVA

Summary table with columns for Exams, Final tests, Courseworks, and Course projects, showing counts for each category.

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