



External Evaluation Report (EER) for bachelor study programmes

Higher education institution / Education provider organisation:	National Technical University of Ukraine «Igor Sikorsky Kyiv Polytechnic Institute»
Faculty:	Radio Engineering
Bachelor's degree domain:	G5 Electronics, Electronic Communications, Instrumentation and Radio Engineering (Ukraine) / Electronic engineering, telecommunications and information technologies (Romania)
Bachelor's study program:	Intelligent Technologies of Radioelectronic Equipment
Form of education:	Full – time study
Language of instruction:	Ukrainian
Geographical location:	Kyiv
Duration of studies:	3 years and 10 months – 8 semesters
Number of credits:	240
Objective of the external evaluation	Maintenance of accreditation and granting of EUR-ACE® certification

Composition of the ARACIS Evaluation Commission

Crt. no.	Name and surname	Role	Signature
1.	DULĂU MIRCEA (ARACIS, Romania)	Commission coordinator (online)	
2.	MAISTRENKO OLEKSANDR (NAQA, <i>Ukraine</i>)	Expert Evaluator (on-site)	
3.	RADU ALEXANDRU (ARACIS, Romania)	Member of the Register of Employers (online)	
4.	KALIMULIN TEMIR (NAQA, <i>Ukraine</i>)	Student evaluator (on-site)	

I. Introduction

This External Evaluation Report (EER) was drafted by the Evaluation Commission (with the composition presented on page 2), appointed by ARACIS, for the evaluation, to maintenance of accreditation and granting of EUR-ACE certification, of the Intelligent Technologies of Radioelectronic Equipment (ITRE) study programme, within the National Technical University of Ukraine «Igor Sikorsky Kyiv Polytechnic Institute» (KPI).

In accordance with the Evaluation Schedule, established in agreement with the KPI representatives, the period of May 20 - 22, 2026 was established, and it involved the travel of the two NAQA members to the KPI and the online participation of the two ARACIS members in all scheduled evaluation activities.

Kyiv Polytechnic Institute was founded in 1898 as Ukraine's first multidisciplinary technical university. As of 2026, Igor Sikorsky Kyiv Polytechnic Institute includes 14 faculties and 10 institutes. It offers a wide range of programs in IT and cybersecurity, aerospace, telecommunications, electronics, energy, chemical technologies, biomedical engineering, as well as social sciences and law. "The University's mission is to train world-class specialists through a research-based approach in which education is inseparable from scientific activity."

From an administrative point of view, the university is led by the Rector, appointed by the Ministry of Education and supported by Vice-Rectors for specific fields. Strategic decisions are made by different structures such as: the Academic Council and the Conference of the labor collective. The structural units comprise Educational and Scientific Institutes, faculties, research centers, and the campus infrastructure. The Radio Engineering Faculty (REF) of Igor Sikorsky Kyiv Polytechnic Institute was founded in 1930 and rebuilt after World War II.

The structure of the Radio Engineering Faculty consists of 3 departments: Applied Radio Electronics; Radio Engineering; Radio engineering systems, and 4 educational and scientific laboratories: KPI-Kvalitek; Space radio systems; Network technologies and systems; DATACOM.

The Department of Applied Radio Electronics, established in 2021 by merging the Department of Reception and Processing of Radio Signals with the Department of Design and Production of Radio Electronic Equipment.

The educational study programme, Intelligent Technologies of Radioelectronic Equipment (ITRE) was created on the basis of two programmes: Radio Communication and Signal Processing, and Intelligent Technologies of Microsystem Radioelectronic Equipment (approved by the Academic Council of KPI, 15.05.2024).

Currently, the ITRE study programme is accredited by the Ministry of Education and Science of Ukraine (Certificate UD 11017504 from 2023-06-07, valid to 2026-07-01).

II. Methods used

The ARACIS evaluation commission:

- analysed the Internal Evaluation Report (IER) and its annexes, uploaded to the Sharepoint – ARACIS platform;
- analysed information in electronic format, existing on the KPI website;
- analysed documents existing in physical format at the Radio Engineering Faculty, during the evaluation visit.

After analysing the IER, the evaluation commission requested additional information from the KPI representatives, presented in the following annexes: Annex A01 – ITRE Accreditation; Annex A02 – ITRE Curriculum; Annex A03 – ITRE Alignment matrix; Annex A04 – ITRE Syllabi; Annex A05 – Evaluation system; Annex A06 – Integrity; Annex A07 – Practical training; Annex A08 – Practice agreements; Annex A09 – Assessing practical; Annex A10 – Quality assurance; Annex A11 – Programmes monitoring; Annex A12 – ITRE improvements; Annex A13 – Student survey; Annex A14 – Employment; Annex A15 – Feedback; Annex A16 – CVs teachers; Annex A17 – Enrollment capacity; Annex A18 – Continuation of ITRE master's studies; Annex A19 – Dynamics of ITRE students; Annex A20 – ITRE examination; Annex A21 – ITRE graduation; Annex A22 – Summary of publications.

Before the visit, the evaluation commission, in agreement with the KPI representatives, established a work schedule (detailed at the end of this report), which was respected and involved meetings of the evaluation team with:

- the contact person and the team that carried out the IER for the ITRE study programme;
- the students of the ITRE bachelor's degree programme;
- the graduates of the ITRE bachelor's degree programme;
- the representatives of the management of the organisational component (university/faculty/department, two meetings);
- the employers of graduates of the ITRE study programme;
- the representatives of quality commission at the level of the evaluated program/department/faculty and university;
- the members of the KPI Ethics Committee;
- the teaching staff involved in the activities carried out at the ITRE study programme.

Also, in the presence of ITRE-FRE representatives, two expert evaluators, present on site, and two connected online, visited the material resources (lecture/seminar rooms, laboratories, library etc.), including secretary office.

III. Assessment of the degree of compliance with standards and performance indicators

DOMAIN A. Institutional capacity

Criterion A.1. Managerial and administrative institutional structures and processes, involving students and other stakeholders

Standard S.A.1.1. Organizational components and institutional processes

The HEI has in its structure organizational components that operate on the basis of appropriate competences, attributions, processes and application procedures, through which an effective management system is ensured.

I.P.A.1.1.1 indicator

In order to carry out the university program/field of studies, the HEI has adequate organizational components and a management system, the functioning of which is based on methodologies, regulations and procedures periodically revised, under the conditions of the law.

According to the IER, pg. 4: „The educational program of the first (bachelor's) level of higher education “Intelligent Technologies of Radioelectronic Devices” in the specialty 172 Electronic Communications and Radio Engineering (2024) and the specialty G5 Electronics, Electronic Communications, Instrumentation and Radio Engineering (2025) operates at the Department of Applied Radioelectronics, which is part of the Radio Engineering Faculty of Igor Sikorsky Kyiv Polytechnic Institute. ... The university has a clear structure and an appropriate management system that operates on the basis of methodologies, rules, and procedures. These internal regulations are regularly reviewed and updated in accordance with current legislation.”

KPI has legislative and administrative structures:

- Rectorate (<https://kpi.ua/en/rectorate-about>);
- the Supervisory Board (<https://kpi.ua/en/sb/>);
- the Administrative Board (<https://kpi.ua/en/administrator>);
- the Academic Council and the Methodological Council of the University (<https://rada.kpi.ua/>);
- the Academic and Methodological Councils of the Faculties/Educational and Scientific Institutes.

The Statute of Igor Sikorsky Kyiv Polytechnic Institute is approved on 16.05.2023 (<https://kpi.ua/files/regulation.pdf>).

Also, the Development Strategy of KPI for 2025–2030, accompanied by the Sustainable Development Strategy for 2023–2028, the University Policies, the Code of Honor, the Internal Rules are approved and

available on website (<https://kpi.ua/en/strategy>, <https://kpi.ua/en/sustainability/strategy>, <https://kpi.ua/en/policy>, <https://kpi.ua/en/code>, <https://kpi.ua/en/admin-rule>).

The regulations on the organization of the educational process are the main normative document regulating the organization and implementation of educational activities at KPI. Approved documents are available on the website (<https://kpi.ua/en/regulations>, <https://kpi.ua/documents>).

The structure of the Radio Engineering Faculty consists of 3 departments: Applied Radio Electronics; Radio Engineering; Radio Engineering Systems, and 4 educational and scientific laboratories: KPI-Kvalitek; Space radio systems; Network technologies and systems; DATACOM.

The Radio Engineering Faculty of Igor Sikorsky Kyiv Polytechnic Institute trains specialists in specialty 172 Electronic Communications and Radio Engineering (currently, integrated specialty in G5 Electronics, Electronic Communications, Instrumentation and Radio Engineering) in three educational programs (<https://rtf.kpi.ua/pro-facultet/struktura-radiotekhnichnogo-fakultetu-kpi-im-igorja-sikorskogo/>):

- Intelligent Technologies of Radioelectronics Equipments (https://osvita.kpi.ua/172_OPPB_ITRET);
- Information and Communication Radio Engineering;
- Radio Engineering Computerized Systems.

The writing of the Internal Evaluation Report (IER) was the responsibility of a team approved by the Academic Council of Igor Sikorsky Kyiv Polytechnic Institute (№5 dated 13.05.2024).

At the meeting with the IER team the following were discussed:

- the legal basis of the ITRE study programme; the study programme has a Certification from the Ministry of Education, valid until this year (2026);
- the origin and development of the ITRE study programme; the programme was formed by merging two previously existing programmes – in order to reflect current technological trends and industry needs;
- the regulation valid in KPI referring to the initiating, elaborating and approval of the internal evaluation report (IER) for the study programme.

At the meeting with the KPI management team were presented: general information about the university in terms of study programmes, teaching staff and students; the university's general strategy, including the internationalisation strategy (international agreements).

✓ **Recommendations**

Not the case.

The indicator is: met.

Standard S.A.1.2. Stakeholder engagement

The HEI shall demonstrate that it involves relevant stakeholders in the development of methodologies and regulations, as well as application procedures.

Indicator I.P.A.1.2.1	The opinions of the members of the faculty and department, respectively of the branch or extension and of other interested parties are taken into account in the process of adopting and revising the methodologies, regulations and application procedures.
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According to the IER, pg. 5, 6: „The Academic Council of Igor Sikorsky Kyiv Polytechnic Institute is a collegial governing body of the institution. ... The main functions of the Academic Council are to determine the directions of the university's development (educational, scientific, innovative)...”.

The Regulations on the Academic Council of KPI is available on the website (<https://rada.kpi.ua/about/>).

Also, the Igor Sikorsky Kyiv Polytechnic Institute has:

- the Supervisory Board which defines the University's strategy and promotes workforce development while guiding research priorities and their implementation (<https://kpi.ua/en/sb/>);
- a Methodological Council which coordinates the activities of faculties, supports accreditation and licensing, and reviews educational materials and textbooks (https://document.kpi.ua/2022_HOH-256).

However, this criteria requests to prove that: „the opinions of the members of the faculty and department, respectively of the branch or extension and of other interested parties are taken into account...”.

Regarding the involvement of teachers, students and stakeholders in the review of methodologies, the management stated that the mentioned issues are debated at various levels, according to the KPI rules.

According to discussions during the visit:

- in order to update the content of ITRE the study programme, the representatives of the faculty are in contact with the stakeholders;
- stakeholders, students, teachers can advance proposals which are, first, analyzed, then become optional courses; it was specified that in these proposals there are some limits, imposed by the domain of the study programme (example: Filter design was introduced at the student's suggestion).

✓ **Recommendations**

Real activation of mechanisms for involving all stakeholders in reviewing methodologies, procedures and regulations and completing record documents.

The indicator is: partially met.

Criterion A.2. Material base and optimization of its use

Standard S.A.2.1. Material Base

The HEI has immovable and movable property suitable for the development of the program/field of university studies.

**Indicator
I.P.A.2.1.1**

The HEI has, under the law, spaces dedicated to the appropriate educational, research and administrative processes, as well as for services for students, doctoral students and trainees, which ensure a favorable environment for life and study, including for those with disabilities. Optimal spaces for staff activities are also provided. They are adequately equipped.

The facilities made available to students, including the related equipment, are quantitatively and qualitatively adequate for the development of the objectives of the study program, as conceived and planned, and allow the application of study methods.

According to the IER, pg. 7: „Most of the classes of the normative component and all disciplines of the professional component of the bachelor's level educational program of higher education are held in the premises of the Radio Engineering Faculty (building No. 17 of Igor Sikorsky Kyiv Polytechnic Institute).

There are 37 total faculty premises with a total area of 1988.8 sq.m: 22 educational premises (1302.9 sq.m), including: 7 educational laboratories (343.6 sq.m), 15 classrooms (959.3 sq.m); 9 administrative and educational auxiliary premises (432.9 sq.m); 6 other premises (253.0 sq.m).”

List of laboratories of the Department of Applied Radio Electronics in which the educational process is carried out for the bachelor's degree program ITRE, presented on the website (<https://re.kpi.ua/pidgotovka-bakalavriv/materialno-tehnichne-zabezpechennya-2/>), includes:

- Computer-aided design laboratory;
- Digital Television Training laboratory;
- Computer class of radio electronic and computer media creation tools;
- Materials Science Laboratory and radio electronic equipment technologies;
- Radioelectronic equipment design laboratory.

List of licensed software of KPI are presented on website (<https://osvita.kpi.ua/software>) and includes: Matlab, Autodesk, SolidWorks, LabView etc.

The library provides free access to databases, for students and teaching staff (<https://www.library.kpi.ua/en/>).

Spaces visited and findings during the visit:

- Artificial Intelligence with: computers and dedicated software;
- Communication Radioengineering with: antennas, equipment for cosmic communication and moon reflection;
- Microcontrollers and Embedded Systems with: FPGA, viewing devices, stands;

- Metrology with: oscilloscopes, signal generators, measuring instruments;
- Circuits Design with: Siemens and Texas Instruments equipments, radio-reception instruments, power supply sources;
- Computer Design with: computers, measuring instruments, 3D printers, 2 projects with robots, specific software with licence from providers;
- Information Technologies with: computers, videoprojectors, free spaces for laptops;
- Signal and Processing in Radioengineering with: computers, signal analyzers, spectrometers, modulation systems, CAD software;
- Designing Signal Processing with: Diligent circuits, FPGA, VeriLog language, signal generators;
- Course room with: furniture, videoprojectors, blackboard;
- Shelter rooms: 2 spaces, 100 peoples each, with facilities for educational activities (network connection, blackboards).

In the laboratories visited:

- teachers presented the purpose of the activities, the equipment, the main tasks of the students, the evaluation methods, the approximate number of students attending the laboratories.

According to discussions at the library: students have access to lecture rooms, books, online and off line database (IEEE, Nature, Scopus, Web of Science), open journals, printers, computers, spaces for workshops and meetings, etc.

✓ Recommendations

Not the case.

The indicator is: met.

Standard S.A.2.2. Material Base Management

The organizational components optimally and sustainably manage the immovable and movable assets that they use for the evaluated program/field of university studies.

Indicator I.P.A.2.2.1	Immovable and movable property shall be adequately maintained so as to ensure optimal conditions for study, research and living, as well as for work.
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According to the IER, pg. 8: „During martial law, the priority of Igor Sikorsky Kyiv Polytechnic Institute is the safety of all participants in the educational process. Certified shelters are located on the university's territory. In building No. 17 of the Igor Sikorsky Kyiv Polytechnic Institute, the Faculty of Radio Engineering has a shelter for applicants and employees. Also, to ensure the uninterrupted educational process, there are inviolability points on the university's territory with electricity supply during blackouts. ...In peacetime, students and employees of the university can improve their health at their own recreation centers, "Sosnovy", "Globus", and "Polytechnic".

Igor Sikorsky Kyiv Polytechnic Institute is equipped with civil defense protective structures and the shelters. In the event of an air raid alert, it is necessary to urgently go to a civil defense shelter and stay there until the call is over (<https://kpi.ua/kpi-shelters-map>).

KPI has internal regulations (<https://kpi.ua/admin-rule>) and organized a Working Group on Inclusive Educational Environment and Digital Education (<https://kpi.ua/en/inclusion>).

In case of assistance and psychological support, students can always address the Office of Social and Psychological Work of the Student Social Service and get a professional consultation from a psychologist (<https://sss.kpi.ua/>).

During the visit:

- the teaching staff confirmed that the laboratories are accessible to students outside scheduled class hours for independent work and project development, under the supervision of the responsible academic staff;
- it was found that, the library spaces are multifunctional, serving as a library and a safe space in case of alarm; for example: 600 square meters serve as a certified shield for over 500 people; students have acces to resting zone, separate rooms, water supply, rooms with noise attenuation, power generators.

During the visit to the laboratories, it was noted that some of the equipment – including spectrum analysers and measurement instruments – was transferred from military units to the faculty by graduates currently serving in the Ukrainian army, enabling students to work with up-to-date professional equipment.

The on-site visit confirms that the immovable and movable assets are adequately maintained.

Regarding ensuring optimal study conditions, according to the information presented in Annex A19 – Dynamics of ITRE students, in the current academic year, the total number of students enrolled in the ITRE study programme is $25+30+24+44=123$.

Referring to the optimal conditions for study and to the number of students enrolled at ITRE by years and the numbers of the group/subgroups of study for practical/laboratory activities, the KPI representatives stated that, according to Ukrainian legislation, if the number of students is more than 25, they are divided into subgroups for laboratories; if the number of students is less than 25, they work in one group, but – if necessary – they can be divided into small teams.

✓ **Recommendations**

Reorganizing laboratory activities, which involve the use of equipment and apparatus, so that the number of students per subgroup is a maximum of 15 students, according to Specific ARACIS Standards.

The indicator is: partially met.

Criterion A.3. Adequate human resources and transparent personnel recruitment procedures, developed in accordance with the law

Standard S.A.3.1. Human Resources

The HEI has the necessary human resources for the organization and conduct of the evaluated university program/field of study.

Indicator I.P.A.3.1.1	The human resources of the organizational component are adequate for carrying out the activities related to the program/field of university studies evaluated. The teaching staff has the necessary qualifications and professional competences to teach the subjects that correspond to them in the state of functions.
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According to the IER, pg. 9: „The teaching staff, which provides the educational components of the educational program Intelligent Technologies of Radioelectronic Engineering, the first (bachelor's) level of higher education at Igor Sikorsky Kyiv Polytechnic Institute, includes professors, associate professors, senior lecturers, assistants (young lecturers who usually study in parallel in postgraduate studies), who work both full-time and part-time, with the involvement of representatives of employers.”

For all teachers of KPI exists requirements referring to: scientific degree and/or scientific title, professional training, scientific publications etc.

The situation of the employment rate of the teaching staff from the evaluated study program (ITRE) in the academic year 2025/2026 is detailed in Annex 09 - Employment of teaching_ARMS, and highlights:

- total number of 33 teaching staff, of which: 4 professors (12.12%); 14 associate professors (42.42%); 13 senior lecturers/lecturers (39.40%) and 2 senior teachers (6.06%).

- total number of 14.07 positions (including fractions), of which: 1.47 professors (10.44%); 6.59 associate professors (446.84%); 4.26 senior lecturers/lecturers (30.28%) and 1.75 senior teachers (12.44%).

Information about the members, teaching staff, of the Department of Applied Radioelectronics, Radioengineering Faculty, with education and scientific interests are available on <https://re.kpi.ua/pro-kafedru/vukladachi/>.

According to the CVs presented in Annex A16 – CVs teachers, the teaching staff adequately meets the requirements of the programme, in terms of training, qualifications, and professional experience.

For examples:

- 15 teachers have a doctorate in Technical Sciences; among them are some with a master's degree in: Science in Radio engineering, Science in Radio communication, broadcasting, and television equipment, Science in Telecommunications and radio engineering, Cybersecurity of Information Technologies and Systems, Design and Production of Radio Equipment, Radio engineer of design and production of radio

equipment, Science in analog radioelectronic devices, power systems, ultrasonic devices, Science in Physical electronics, Science in Hydraulic and pneumatic machines, Intelligent Technologies of Microsystem Radioelectronic Equipment;

- 1 teacher has doctorate in Engineering Sciences;
- 1 teacher has doctorate in Telecommunication and Radio Engineering;
- 3 teachers have a doctorate in Physics and Mathematics Sciences;
- other doctorates: Economics, Pedagogical Sciences, Philosophy, Historical Sciences.

Regarding enrollment capacity, according to the Annex A17 – Enrollment capacity:

- in the field G5 Electronics, Electronic Communications, Instrumentation and Radio Engineering, KPI organizes 8 groups of bachelor study programmes (some with 240 ECTS, other with 180 ECTS), with an enrollment capacity of $580 + 50 = 630$ students in the first year of study;
- in the field G5 Electronics, Electronic Communications, Instrumentation and Radio Engineering, KPI organizes 19 groups of master study programmes (some with 120 ECTS, other with 90 ECTS), with an enrollment capacity of $343 + 65 = 408$ students in the first year of study;
- therefore, in this academic year, the total confirmed enrollment capacity in the field G5 Electronics, Electronic Communications, Instrumentation and Radio Engineering is $2470 + 645 = 3115$;
- total number of teaching staff with activities within the bachelor's and master's degree programmes in the field G5 Electronics, Electronic Communications, Instrumentation and Radio Engineering, in this academic year, is $153 + 122 = 275$;
- according to the Specific ARACIS Standards, a minimum of $3115/30 = 104$ teachers are required.

Considering these data, for the ITRE study programme, the evaluation commission propose an enrollment capacity of 50 students in the first year of study.

- ✓ **Recommendations**
Not the case.

The indicator is: met.

Indicator I.P.A.3.1.2	The HEI ensures the professional and personal development of the staff.
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According to the IER, pg. 10: "To ensure the continuous professional development of teachers of the educational program (EP), the university systematically organizes advanced training in accordance with the "Regulations on Advanced Training of Pedagogical and Scientific-Pedagogical Employees". This document regulates in detail the required amount of hours (not less than 180 hours or 6 ECTS credits within 5 years), all types, forms, as well as procedures for registration, payment and recognition of results."

Order No. 7-134 dated 03.08.2020 On approval of the Regulations on advanced training of pedagogical and scientific-pedagogical workers is available on website (https://document.kpi.ua/2020_7-134).

The IER presents examples of teachers who are beneficiaries of programs to improve their professionalism:

- advanced training at LLC "Innovative Radio Engineering Systems";
- proficiency in the SolidWorks program in the Mechanical Design direction;
- Machine Learning. Online course, Google Digital Tools for Education, Crash Course Digital Electronics;
- qualifications in English language;
- international internships.

Regarding the improvement of academic skills, the teachers stated that: the existing department within KPI offers free courses annually; KPI offer the access to free courses on Coursera and Prometheus platforms; also, last year, a German university organized online courses.

- ✓ **Recommendations**
Not the case.

The indicator is: met.

Standard S.A.3.2. Recruitment procedures

The recruitment procedures for teaching staff comply with the legal provisions.

Indicator I.P.A.3.2.1	The recruitment procedures are in accordance with the legal provisions, established and carried out in a transparent manner.
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According to the IER, pg. 11: "The selection procedure, which complies with the Statute and the University Collective Agreement, is described in detail in the "Procedure for Conducting Competitive Selection or Election by Competition When Filling Vacant Positions"."

Order No. NU/201/2021 dated September 24, 2021 "On approval of the Procedure for conducting competitive selection or election by competition when filling vacant positions of scientific and pedagogical employees and concluding employment agreements (contracts) with them" is a public document (https://document.kpi.ua/2021_HY-201).

Teachers are evaluated according to the following criteria: Objectivity of assessment; The ability to convey the material to students; Ability to establish partnerships with students; Kindness and tact towards students; Organization of interaction with students in the conditions of distance learning mode (<https://telegra.ph/Oc%D1%96nka-vikladach%D1%96v-v-A%D0%86S-Elektronnij-kampus-05-31>).

According to discussions with management:

- having completed studies, bachelor's - master's - doctorate, recruiting young teachers is easy;
- the average age in KPI is 45 years old.

✓ Recommendations

Not the case.

The indicator is: met.

Criterion A.4.Digitization of education processes

Standard S.A.4.1. Digital transformation

The digital transformation process at the level of the organizational component envisages administrative simplification and increasing the quality of services offered to members of its own community and third parties.

Indicator I.P.A.4.1.1	The organizational component uses IT tools within its own procedures in order to improve access and ensure quality services for members of its community and indirect beneficiaries of education.
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According to the IER, pg. 12: "The organizational component successfully uses IT tools in its own procedures, ensuring better access and quality services for students, teachers, and external beneficiaries of education."

The following online platforms and IT tools are used:

- the automated information system "myKPI" - covers all aspects of the institution's activities;
- Electronic Campus - a centralized system for administering the educational process;
- the automated system of the Dean's Office - provides administration of the educational process;
- distance learning platform "Sikorsky" - access to educational content, tests, and materials;
- Google Workspace - used for communication, collaboration, and access to corporate email;
- Scientific and Technical Library Resources - free online access to databases.

During the evaluation team's visit to the dean's office:

- the secretarial staff presented the facilities of the electronic platform used to manage student activities;
- it was found that students and teaching staff have access to the electronic platform, based on the institutional account.

Students confirms that they have access to a dedicated electronic platform where they can read syllabi, brief course descriptions, and information about teachers.

✓ Recommendations

Not the case.

The indicator is: met.

I. DOMAIN B. Educational effectiveness

Criterion B.1.Content and relevance of study programmes

Standard S.B.1.1. Content of the study program

The study program is based on a curriculum that aims to ensure that students achieve the expected learning outcomes

Indicator I.P.B.1.1.1	The university study program is developed and structured in relation to the expected learning outcomes and is organized on the basis of transferable study credits. It encompasses the totality of learning, teaching, practical training, research and assessment experiences that together lead to a university qualification.
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According to the IER, pg. 12, 13: "Forms of organization of the educational process at Igor Sikorsky Kyiv Polytechnic Institute are regulated by the "Regulations on the Organization of the Educational Process" and include: educational sessions: lectures, practical, laboratory, individual classes and consultations; independent work (usually 50% of the total amount of study time), practice (pre-diploma practice) and control measures: current, calendar control (credits, exams) and certification."

Regulations on the Organization of the Educational Process at KPI has the approval dated 20.07.2020 (<https://kpi.ua/en/regulations>).

The ITRE study programme description includes: General information, Educational programme purpose, Educational programme characteristics, Educational and Professional aspects, Eligibility of graduates for employment and further study, Teaching and assessment, Programme competencies, Programme learning outcomes, Resource provision for programme implementation, Components of Educational Programme (approved by the Academic Council, 13.05.2024, https://osvita.kpi.ua/sites/default/files/opfiles/172_oppb_itret_2024.pdf).

In Annex A02 – ITRE Curriculum, the curriculum of the study program under evaluation is presented (approved by Academic Council, 12.05.2025).

The structure of the curriculum provides:

- Compulsory disciplines:
 - General training cycle (120 credits / 50%); examples: Practical Foreign Language; Analytic Geometry and Linear Algebra; Physics; Engineering and Computer Graphics; Fundamentals of Circuits Theory.
 - Professional training cycle (60 credits / 25%); Examples: Programmable Means in Intelligent Radio Electronic Equipment; Printed Circuit Boards Design; Computer Simulation in Intelligent Systems.
- Elective educational components (60 credits / 25%, <https://re.kpi.ua/pidgotovka-bakalavriv/osvitni-komponenty-bakalavriv/>):
 - 2 disciplines from the general training cycle;
 - 14 disciplines from the professional training cycle; examples: Discrete and Digital Signals and Processes in Radio Engineering; Reliability of Radio Electronic Equipment; Computer Networks and Security Using CISCO Technologies; Object-Oriented Programming Technologies for Radio Engineers.

The full cycle of education cover a period of 3 years and 10 months (8 semesters), with a number of 240 ECTS and contains: control activities, auditorial hours and self-study. 30 hours/ECTS are considered.

The total number of auditorial hours is 3216 of which: 1264 lecture hours (39.30%); 1106 practice hours (34.40%) and 846 labs hours (26.30%), resulting a rate of $1264/(1106+846)=0.65$ between lectures and practices/labs hours.

The total number of self-study hours is 3984, resulting a rate of $3216/3984=0.80$ between auditorial and self-study hours.

The learning period is 30 weeks in the first, second and third years of study and 25 weeks in the fourth year of study. The examination period is 6 weeks in the first, second and third years of study and 4 weeks in the fourth year of study.

The curriculum includes Pre-diploma practice (4th year, 4 weeks, 180 hours, 6 ECTS) and Degree project (4th year, 4 weeks, 180 hours, 6 ECTS).

Here, the evaluation commission estimates that, if it takes into account 5 working days per week and 8 legal hours per day, the result is 9 hours of Pre-diploma activity per day.

According to the ARACIS Specific Standards, the curriculum must include 180 hours of practice (other than Pre-Diploma), outside of the semester teaching activities. These practice can be planned at the end of the second year of study (e.g. 90 hours) and at the end of the third year of study (e.g. 90 hours) or can be planned only at the end of the third year of study (180 hours).

Regarding the evaluation, for the total of 58 disciplines, the following are planned: 16 exams; 41 final tests; 2 course works; 53 module tests; there is, also, control work and group work.

The syllabi of the disciplines for general training cycle, professional training cycle, and the elective components of the professional training cycle are posted on the website of the Department of Applied Radio Electronics (<https://re.kpi.ua/pidgotovka-bakalavriv/osvitni-komponenty-bakalavriv/>).

Curriculum of the academic discipline (Syllabus), available in Annex A04 – ITRE Syllabi, highlights: 1. Description of the course, its purpose, subject matter, and learning outcomes; 2. Prerequisites and post-requisites of the discipline (place in the structural-logical scheme of training under the relevant educational program); 3. Contents of the academic; 4. Training materials and resources; 5. Methodology for mastering the academic discipline; 6. Independent work; 7. Policy of the academic discipline; 8. Types of control and rating system for assessing learning outcomes; 9. Additional information on the discipline.

The evaluation commissions consider that, inside of some syllabi, at Section 8 (Types of control and rating system for assessing learning outcomes), the information is too general.

At the meeting with students, the following were noted:

- some students considers that, at the beginnig of the studies, approximately 99% of activities are theory and consider more useful to increse the number of practical activities in the 1st and 2nd year of study.

✓ Recommendations

Reorganizing Pre-diploma activities so that they do not exceed 8 hours per working day.

Analyzing the possibility of introducing a 180 hours of Practice at the end of the second/third year of study, according to the ARACIS Specific Standards.

Increasing the number of exam-type evaluations to over 50% of the total number of disciplines in the curriculum, in accordance with Specific ARACIS Standards.

In Section 8 of the syllabi, the formulation of the evaluation, including for the minimum performance criteria, in terms of learning outcomes.

The indicator is: partially met.

Standard S.B.1.2. Relevance of the study program

The study program responds to the professional and personal development needs of the graduates, as well as the socio-economic ones and are organized in conditions designed to ensure the confidence of the beneficiaries.

Indicator I.P.B.1.2.1	The study program operates under the conditions of the authorization and accreditation act, respectively, aiming at achieving the educational ideal of higher education according to the law.
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According to the IER, pg. 13, 14: „The educational program meets the requirements of the National Qualifications Framework (NQF) of Ukraine for qualification level 6, which corresponds to the first (bachelor's) level of higher education (in accordance with Resolution No. 1341 of the Cabinet of Ministers of Ukraine of 23.11.2011). ... The program meets the requirements specified in the higher education standard of Ukraine for the first (bachelor's) level of higher education in the specialty 172 Telecommunications and Radio Engineering (Electronic Communications and Radio Engineering)/ G5 Electronics, Electronic Communications, Instrumentation and Radio Engineering, approved by the order of the Ministry of Education and Science of Ukraine dated 12.12.2018 No. 1382.”

The educational study programme, Intelligent Technologies of Radioelectronic Equipment (ITRE) was created on the basis of two programmes: Radio Communication and Signal Processing, and Intelligent Technologies of Microsystem Radioelectronic Equipment (approved by the Academic Council of KPI, 15.05.2024).

Currently, the ITRE study programme is accredited by the Ministry of Education and Science of Ukraine (Certificate UD 11017504 from 2023-06-07, valid to 2026-07-01, Annex A01 – ITRE Accreditation).

According to the information from Annex A17 – Enrollment capacity, the ITRE study programme is a part of a group with other three study programmes (Technologies of Electronic Warfare, Information and Communication Radioengineering, Radio Technical Computerised Systems), in the field G5 Electronics, Electronic Communications, Instrument Engineering and Radio Engineering. The number of the ECTS/study programme is 240 and an enrollment capacity/group of 140 students.

✓ **Recommendations**
Not the case.

The indicator is: met.

Criterion B.2. Concordance between curriculum and qualification

Standard S.B.2.1. Consistency with the level of qualification and the competences targeted
In the process of curriculum design and development, the organizational component takes into account to ensure the level of qualification and correlation with the targeted occupations.

Indicator I.P.B.2.1.1	Learning outcomes are consistent with the level of qualification.
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According to the IER, pg. 14: „The program "Intelligent Technologies of Radioelectronic Equipment" prepares a bachelor who is able to (according to its program learning outcomes (PLO)):

1. Apply fundamental knowledge (PLO 01) and regulatory framework (PLO 02).
2. Solve complex specialized tasks through design, modeling, and calculations (PLO 05, PLO 06, PLO 12).
3. Use modern IT technologies to create application software and administer systems (PLO 03, PLO 04, PLO 09).
4. Diagnose, test and maintain equipment (PLO 10, PLO 11, PLO 13)."

The ITRE study programme description (approved by the Academic Council, 13.05.2024, https://osvita.kpi.ua/sites/default/files/opfiles/172_oppb_itret_2024.pdf), in the section Educational programme purpose, highlights: „Providing applicants with up-to-date theoretical knowledge on the design and development of modern intelligent radio electronic equipment and practical skills that allow them to be competitive in the labor market, as well as to further develop and improve their own knowledge, skills, and to find and assimilate new information." Also, section 7, describe a number of 32 learning outcomes.

According to the Classifier of professions DK 003:2010 and according to the received qualification, the ITRE graduates can occupy (Annex A03 – ITRE Alignment matrix, pg. 8/27):

3114 Technical specialists in the field of electronics and electronic communications;

3132 Operators of radio and electronic communication equipment (radio electronics).

ITRE graduates can continue their studies in the second cycle (master's studies), within KPI or in other university centers (discussions at the alumni meeting).

✓ **Recommendations**
Not the case.

The indicator is: met.

Indicator I.P.B.2.1.2	The expected learning outcomes are correlated with the competences required by the corresponding occupations, according to occupational standards and/or the European Classification of Occupations (ESCO).
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The curriculum is designed to meet the educational requirements formulated by employers, including the acquisition of practical skills.

The educational requirements formulated by employers have helped to define the learning outcomes specific to the curriculum.

The declared results of the study program allow graduates to be employed on the labor market in positions corresponding to the qualification obtained. Graduates of the study program have clearly defined the perspective of employment on the labor market.

IER, pg. 15, highlights: "According to the Classifier of Professions DK 003:2010, graduates of the educational program "Intelligent Technologies of Radioelectronic Equipment" can work in the following positions: 3114 Technical Specialists in Electronics and Electronic Communications, 3132 Operators of Radio and Electronic Communications Equipment (Radio Electronics)."

Results of the roundtable with employers, organized by the Department of Applied Radioelectronics, 2025, are synthesized as follows (<https://re.kpi.ua/pidgotovka-bakalavriv/spivpraczaya-z-praczedavczyamy-2/>):

- stakeholders noted the high level of training of the students in professional disciplines, but of course there were also comments;
- it was decided: to add a practical component to the training of applicants for relevant and specific tasks from stakeholders; if possible, make changes to the current educational programs by expanding the list of coursework and projects, updating laboratory work; if possible, create a joint engineering group with stakeholders to study the parameters and designs of electronic intelligence devices, combat, modern UAVs, methods of detecting and protecting electronic intelligence; to involve specialists from employers in conducting all types of classes; to update the material and technical base together with stakeholders.

The university organizes events such as: Job Fairs (twice a year); Profile events (every year, round tables with employers); interviews with applicants; current vacancies from employers.

Also, at the university level, there are: Career Development Center and Research Center for Applied Sociology "Socioplus" (<https://socioplus.kpi.ua/>).

The Graduate Department annually monitors and actively promotes the employment of its graduates. The employment rate of graduates in 172 "Electronic Communications and Radio Engineering" exceeds 90% (Annex A14 – Employment).

According to Annex A18 – Continuation of ITRE master's studies, out of the total of 94 graduates, in last three years, 52.80% continued/are continuing their studies in the master's programmes.

At the meeting with employers, the following was noted:

- employers consider that the students have good theoretical skills, but there are some gaps between students' technical knowledge and the industry (example: analogic and digital electronic); they offer trainings to overcome the difficulties (example: mobile communications course);
- employers, periodically, discuss with the management and offer internships for students;
- employers confirmed that they participate in round tables organised by the faculty, where they identify knowledge gaps and propose new topics or courses; as a result of this collaboration, some laboratory content and elective subjects have been revised to better reflect current industry needs.

Graduates present at the meeting with the evaluation team:

- consider that their education given by the study programme in the field is good and occupy positions as: security systems, security solutions, support engineer, automations, radioelectronic devices, network engineers;
- noted that the knowledge acquired during the programme – particularly in electronics, radio communications, and embedded systems – is directly applicable in their current professional roles, including in the military-technical sector, where the demand for radio-electronic engineering specialists has increased significantly since 2022.

✓ **Recommendations**

Not the case.

The indicator is: met.

Criterion B.3. Student-centered learning, teaching, and assessment

Standard S.B.3.1. Principles

The organizational component implements the principles of student-centered learning.

Indicator I.P.B.3.1.1	The organizational component ensures the implementation of the principles of student-centered learning within the curriculum and through the didactic strategies used in the learning and teaching activities and experiences.
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According to the IER, pg. 16: „The organization of the educational process of educational program "Intelligent Technologies of Radioelectronic Equipment" is based on the principle of student-centered learning, which is one of the key principles of the activities of Igor Sikorsky Kyiv Polytechnic Institute (according to clause 1.3 of the "Regulations on the Organization of the Educational Process at Igor Sikorsky Kyiv Polytechnic Institute")."

ITRE students:

- can build their own individual professional training path by choosing optional courses (https://osvita.kpi.ua/sites/default/files/opfiles/172_oppb_itret_2024.pdf, Annex A02 – ITRE Curriculum);
- have the right to choose supervisors and topics for qualification works;
- give feedback at the beginning of the semester and at the end of the course;
- can use different channels for suggestions (<https://ecampus.kpi.ua/en/login>, https://docs.google.com/forms/d/e/1FAIpQLScEFjM8xCPuh6_OYF707WjpQdVltgZ0vpjAYisn6lJmviKiBuQ/viewform).

The syllabi of the disciplines reflect the student-centered learning, comprising teaching activities, individual study, and evaluation form (<https://re.kpi.ua/pidgotovka-bakalavriv/osvitni-komponenty-bakalavriv/>).

At the meeting organized with the students, the following were noted:

- students are informed by the faculty about the elective disciplines; students described the process of selecting elective disciplines;
- students were asked about their independent work; some of them find it difficult to manage their time because they have deadlines and, at least in the first year, they do not have enough practice;
- students confirm that they are informed about the evaluation activity of the teaching staff and have access to questionnaires through the Electronic Campus;
- some students have part-time jobs and they ask for and receive help from the teachers.

During the meeting with the teachers, the following were highlighted:

- the teachers mentioned significant teaching style (interactive courses), emphasizing the importance of stimulating interest in learning;
- the teachers described the use of innovative teaching methodologies: in addition to traditional lectures, blended learning formats, flipped classroom approaches, and international online courses – including those organised by partner universities from Germany and the Czech Republic – are used to improve pedagogical quality and align teaching practices with European standards.

✓ **Recommendations**
Not the case.

The indicator is: met.

Indicator I.P.B.3.1.2	The organizational component provides opportunities for students to participate in academic mobility programs, carried out with physical and/or virtual presence.
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According to IER, pg. 17: "Academic mobility is regulated by the document "Regulations on Academic Mobility", and the work is carried out jointly with the Academic Mobility Department."

The mentioned regulation is available on website (<https://osvita.kpi.ua/ppam>). The Academic Mobility Department of Igor Sikorsky Kyiv Polytechnic Institute is responsible for information support and documentation on issues of academic exchange of students and teachers (<https://mobilnist.kpi.ua/>).

Recognition of results obtained within the framework of academic mobility is carried out in accordance with the internal "Regulations on academic mobility" (<https://osvita.kpi.ua/ppvrfo>).

According to the discussions during the visit:

- students and teachers benefit of internships and training at European universities (example: Czech Technical University);
- students confirm that they are informed about Erasmus mobilities; some of them declare that they are a little "worried" and do not apply for such mobility;
- one of the graduates is now in Glasgow as a researcher; he said he knows other people in his department who are beneficiaries of Erasmus mobility in Spain and the United Kingdom.

✓ **Recommendations**

Organizing periodic meetings with the participation of bachelor students and former beneficiaries of the Erasmus mobilities, in order to realize the importance of such opportunities.

The indicator is: met.

Standard S.B.3.2. Fairness

The organizational component ensures fair opportunities for students.

Indicator I.P.B.3.2.1	The organisational component ensures equitable opportunities for students, in line with their potential and aspirations, taking into account the diversity of learning styles and abilities.
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According to the IER, pg. 18: "Student self-government is an integral part of the university's management. The Student Council represents students' interests at all levels."

Academic integrity is a fundamental component of the quality assurance system in KPI (<https://kpi.ua/academic-integrity>, Annex A06 – Integrity).

The grading system is based on a dedicated procedure that establishes assessments throughout the semester and at the end of the semester. In the syllabus of the discipline, the teachers publish the rating evaluation system before the beginning of the semester (Annex A05 – Evaluation system).

KPI apply the provisions from the Regulations on the System for Preventing Academic Plagiarism, the Regulations of the Ethics Commission (https://kpi.ua/files/etic_comission.pdf), and the Procedure for Establishing Violations (https://document.kpi.ua/files/2022_HY-165a1.pdf).

According to the finding during the visit, within KPI, equity in education is supported through a series of organizational and pedagogical measures:

- access to bachelor's programmes is based on competition, offering equal opportunities to all candidates;
- the programmes are organized over 8 semesters, with the possibility of choosing elective disciplines;
- the digital e-learning platform is used, which provides easy access to educational resources;
- there are consultation services offered by teaching staff;
- the examination is continuous and diversified (exams, final tests, course works, module tests etc.).

The management clarified the university's approach to the current wartime context: university activities continue in compliance with applicable legislation, shelter rooms equipped for educational activities have been prepared, and online/hybrid teaching formats are used where necessary to ensure continuity of the educational process.

✓ **Recommendations**

Not the case.

The indicator is: met.

Criterion B.4. Accessibility and efficiency of resources and support services appropriate to learning

Standard S.B.4.1. Access to resources and services

The organizational component ensures access to resources and support services appropriate to the needs of students.

Indicator I.P.B.4.1.1	The organizational component ensures access for students, including those with special educational needs/disabilities, to resources and services designed to support the learning process, appropriate in relation to individual learning needs, the field of study, the study cycle and the form of organization of the study program. <i>The study program provides students with relevant support for the learning process (career counseling, tutoring and assistance), thus facilitating the acquisition of knowledge and skills, respectively promotion in a year of higher study.</i>
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According to IER, pg. 19: "Igor Sikorsky Kyiv Polytechnic Institute provides an inclusive environment and comprehensive support for students with special educational needs for their professional, intellectual, social, and creative self-realization. This support includes assistance from the administration, teachers, and specialists: psychologists, doctors, and social workers."

KPI has its own regulation (On the Organization of Inclusive Education), to ensure equal educational opportunities for all students. A Working Group on inclusive and digital education has been created. In case of assistance and psychological support, students can address the Office of Social and Psychological (<https://kpi.ua/en/inclusion>, <https://kpi.ua/inclusive-education-regulation>).

KPI students:

- have free access to the Electronic Campus and the Moodle (Sikorsky) platform (<https://ecampus.kpi.ua/en/login>, <https://www.sikorsky-distance.org/moodle/>);
- benefit from academic scholarships, according to the dedicated regulation (https://dnvr.kpi.ua/wp-content/uploads/2023/01/%D0%9F%D0%A0%D0%90%D0%92%D0%98%D0%9B%D0%90_2022_%D0%9D%D0%9E%D0%92%D0%95_%D0%B2%D0%B8%D0%BF%D1%80.pdf);
- orphans, combatants benefit of social scholarships support eligible state-budget.

Students present at the meeting with the evaluation commission stated the following:

- they consider that the laboratories are well equipped for practical activities;
- they have full access to the equipments existing in the laboratories; given examples: PC, electronic circuits, signal generators, oscilloscopes;
- teaching materials are available on electronic platform;
- teaching staff is perceived as open and available for discussions;
- referring to the practice/internship, the students have supervisors and can choose the company.

✓ Recommendations

Not the case.

The indicator is: met.

Criterion B.5. Learning Outcomes

Standard S.B.5.1. Definition and evaluation	
The definition and evaluation of learning outcomes is carried out adequately.	
Indicator I.P.B.5.1.1	Learning outcomes are adequately described and support the understanding of student and teacher expectations regarding the content of the subjects in the curriculum. <i>The results of the study program have been established according to what students should know (the correspondence between the content of the educational process and the learning outcomes specified in the diploma supplement), understand and/or be able to demonstrate after the completion of the learning process. They are in full agreement with EAFSG standards.</i>

According to the IER, pg. 21: „The syllabus is the main document that details the content of training for each educational component (EC), which prescribes information on the goals, content, expected learning outcomes, as well as the procedure and criteria for assessment.”

Regulations on the Organization of the Educational Process at KPI is the main normative document regulating the organization and implementation of educational activities (<https://kpi.ua/en/regulations>).

The ITRE study programme description (approved by the Academic Council, 13.05.2024, https://osvita.kpi.ua/sites/default/files/opfiles/172_oppb_itret_2024.pdf), presents, in sections 6 and 7:

- Programme competencies: The ability to solve complex specialized tasks and practical problems in the field of telecommunications and radio engineering, which are characterized by complexity and uncertainty of conditions;
- General competencies and Professional competencies, in terms of abilities;
- Programme learning outcomes (PRN 01...PRN 32); examples: PRN 04 - Explain the results of measurements in terms of their significance and relate them to relevant theory; PRN 07 - Competently use the terminology of the field of telecommunications and radio engineering; PRN 13 - Apply fundamental and applied sciences for the analysis and development of processes occurring in telecommunication and radio engineering systems; PRN 26 - Design and implement elements of intelligent technologies with the help of software configured equipment.

Procedure for creating and approving syllabuses of academic disciplines at KPI, approved by the University's Methodological Council, minutes No. 8 dated June 24, 2021 (<https://osvita.kpi.ua/node/174>) establish the standard form and describes in detail the structure of the educational components:

- Description of the academic discipline, its purpose, subject matter, and learning outcomes;
- Prerequisites and post-requisites of the discipline;
- Contents of the academic discipline;
- Training materials and resources;
- Methods of mastering the academic discipline (educational component);
- Independent work of the student;
- Policy of the academic discipline;
- Types of assessment and the learning outcomes assessment rating system.

Educational components for the 2025/2026 academic year are available in Ukrainian and English on the website (<https://re.kpi.ua/pidgotovka-bakalavriv/osvitni-komponenty-bakalavriv/>).

Full description of the educational components, including learning outcomes, content, teaching methods, assessment methods are presented in Annex A04 – ITRE Syllabi.

Regarding the writing of learning outcomes, teachers specified that there are specific rules, valid for type of discipline, established by the guarantor of the study programme; there is a framework used for writing learning outcomes; there are also some specific learning outcomes depending on the discipline.

✓ **Recommendations**

Not the case

The indicator is: met.

Indicator I.P.B.5.1.2	The verification of the achievement of the learning results is carried out through evaluation exams along the way and through graduation exams. <i>The development of competences by students (by acquiring the knowledge and skills provided in the subject sheets) is adequately assessed, on the 8 learning areas defined by the EAFSG standards.</i> <i>The theme for the elaboration of the graduation works (diploma projects) is established in collaboration with the economic environment.</i>
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According to the IER, pg. 22: „The procedure for creating and organizing the work of the examination commission for the certification of bachelor's degree applicants, the requirements for organizing the certification, as well as the activities of the structural divisions of Igor Sikorsky Kyiv Polytechnic Institute and participants in the educational process in organizing and conducting the certification are determined by the "Regulations on the Examination Commission and Certification of Higher Education Applicants".

Regulations on the Examination Commission and Certification of Applicants for Higher Education at KPI (approved and put into effect by order dated 01.10.2020 No. 7/178, as amended by orders dated 19.04.2021 No. HY/71/2021, dated 03.05.2022 No. HOH/130/2022, dated 23.03.2023 No. HOH/100/2023) is available on website (<https://osvita.kpi.ua/node/35>).

The assessment are organized according to the followings:

- Regulations on the Organization of the Educational Process at KPI (<https://kpi.ua/en/regulations>);
- Regulations on current, calendar and semester control of learning outcomes (<https://osvita.kpi.ua/node/32>);
- Regulations on distance learning (<https://osvita.kpi.ua/node/188>).

In addition, according to Annex A05 – Evaluation system, exists: Regulations on recognition in KPI results of formal education (<https://osvita.kpi.ua/ppvrfo>); Regulations on recognition learning outcomes acquired in non-formal/informal education at KPI (<https://osvita.kpi.ua/node/179>); Regulations on the examination commission and certification of applicants for higher education (<https://osvita.kpi.ua/node/35>).

Recommendations for the structure and content of qualification works of bachelor's and master's degree applicants are accessible on website (https://osvita.kpi.ua/sites/default/files/downloads/Rekomendatii_DP_DR_MD_0.pdf).

Correspondence between the subjects included in the curriculum and the EAFSG learning areas is detailed in Annex 08_Corresponden 2025.

The teaching staff was asked about the alignment between programme-level learning outcomes and discipline-specific learning outcomes; teachers explained that each discipline's syllabus contains specific learning outcomes which are checked annually against the programme's general learning outcomes; in case of discrepancies or new disciplines being added, the programme's outcome matrix is updated accordingly through the methodological council.

Employers are involved in workshops organising with university/faculty. A company is involved in equipping the laboratory with signal generators, oscilloscopes and other instruments. Employers confirm that they participate in round tables organised by the faculty, where they identify knowledge gaps and propose new topics or courses. As a result of this collaboration, some laboratory content and elective subjects have been revised to better reflect current industry needs.

The results of evaluations are the subject to analysis at the department and faculty levels (Annex A20 – ITRE examination).

Annex A21 – ITRE graduation details the number of students who successfully defended their thesis, with qualifications, so:

- 2023: 20 graduates of which 15 with excellent and 5 with very good;
- 2024: 42 graduates of which 22 with excellent, 13 with very good, 6 with good and 1 with satisfactory;
- 2025: 32 graduates of which 4 with excellent, 8 with very good, 13 with good, 3 with satisfactory and 4 with sufficient.

Regarding the evaluation, for the total of 58 disciplines, the following are planned: 16 exams; 41 final tests; 2 course works; 53 module tests; there is, also, control work and group work.

✓ Recommendations

Increasing the number of exam-type evaluations to over 50% of the total number of disciplines in the curriculum, in accordance with Specific ARACIS Standards.

The indicator is: met.

Criterion B.6. Insertion and retention on the labor market of graduates according to the level of qualification obtained

Standard S.B.6.1. Insertion

The organizational component supports the insertion of graduates on the labor market.

Indicator I.P.B.6.1.1	The organisational component carries out systematic activities to ensure a smooth transition of graduates from apprenticeship to the labour market. <i>The higher education institution conducts periodic consultations with representatives of the academic environment, including students, of the socio-economic and cultural-artistic environment and of the labor market, regarding the objectives and declared</i>
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results of the study program. These consultations are carried out in an organised setting and are documented.

According to the IER, pg. 23, 24: „The educational program “Intelligent Technologies of Radioelectronic Equipment” complies with the higher education standards of Ukraine for the bachelor's level. The content and updates to the educational program, in particular the educational components, are discussed annually at an extended meeting of the Department of Applied Radioelectronics, with the involvement of representatives of higher education applicants.”

For the domains/fields of study, there are standards. Standard of Ukraine of the first (bachelor's) level of higher education in the specialty 172 Telecommunications and Radio Engineering are available on <https://mon.gov.ua/static-objects/mon/sites/1/vishcha-osvita/zatverdzeni%20standarty/12/21/172-telekom.radiotekhn-bakalavr-VO-zatv.stand.01.11.pdf>.

In the curriculums of educational programme ITRE, 2021...2025, presented on the website (<https://re.kpi.ua/pidgotovka-bakalavriv/osvitno-profesijna-programa-bakalavrat/>), section 2. Components of educational programme, highlights the list of disciplines, the number of ECTS and the final control form. The IER, pg. 24, presents examples of the disciplines/topics of study, introduced as a result of debating with the representatives of industry: Computer Simulation in Intelligent Systems; Design of Digital and Analog Circuits; Microwave Devices and Antennas; Design and Production Technologies of Intelligent Radio Electronic Equipment; Fundamentals of Electronic Communications Networks etc.

According to Annex A18 – Continuation of ITRE master's studies, the situation of the graduates who continued/are continuing their studies in the master's programmes shows:

- 2023: 14/20 = 70.00%;
- 2024: 24/42 = 57.14%;
- 2025: 10/32 = 31.25%.

The employment rate of graduates, in last three years, exceeds 90% (Annex A14 – Employment).

At the meeting with ITRE graduates, the following were highlighted:

- graduates were asked whether or not it was easy for them to find a job in their field of qualification; most of them consider that their education given by the study programme in the field is good and occupy positions as: security systems, security solutions, support engineer, automations, radioelectronic devices, network engineers;
- graduates highlighted that the department actively supports employment opportunities; some students begin working from the second year of study, and the faculty organises round tables with employers where students can participate in interviews and receive feedback on required competencies;
- graduates were ask if they have activities in the military field; one of them helps the army with expertise and consultations; one of them provides services for the military in radio communications and embeded systems.

Employers consider very useful the study programme. About a quarter of their staff comes from KPI and Radio Engineering Faculty.

- ✓ **Recommendations**
Not the case.

The indicator is: met.

Criterion B.7. Procedures and practices regarding the admission competition, the path, recognition and equivalence of studies, as well as the certification of results

Standard S.B.7.1. Admission

The admission procedures and principles ensure access to higher education.

Indicator I.P.B.7.1.1	The organizational component applies the procedures regarding admission.
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According to the IER, pg. 25: "Entering the first (bachelor's) level of higher education at the Kyiv Polytechnic Institute Igor Sikorsky Kyiv Polytechnic Institute is in force "Rules for admission to higher education at the National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute" (as amended) in 2025." Rules for admission to higher education at the National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute" and the Procedure for admission to higher education in 2025 are public information (https://drive.google.com/file/d/1SNitCNrs_g_2C2basVAZIGDpNrUCIrvk/view, <https://zakon.rada.gov.ua/laws/show/z0312-25#n14>).

According to the IER and discussions:

- in 2024 and 2025, for the educational program ITRE bachelors, were recruited on the basis of complete general secondary education and junior specialist diplomas (after college, technical school) and in 2025 - on the basis of school;
- in 2025, the results of the national multi-subject test (NMT) in the Ukrainian language, mathematics, history of Ukraine (mandatory) and physics or a foreign language (English, German, French, Spanish), or chemistry, or biology, or geography, or Ukrainian literature are used for admission;
- all applicants must submit a motivation letter for admission to the university when submitting electronic applications.

A situation of students enrolled at ITRE, in the last three years, by years of study and academic years, including the number of students enrolled in the first year, after admission, is presented in Annex A19 – Dynamics of ITRE students. This shows the following:

- 2023: 27+49+52+34 = 162 students;
- 2024: 37+28+49+39 = 153 students;
- 2025: 25+30+24+44 = 123 students.

✓ Recommendations
Not the case.

The indicator is: met.

Indicator I.P.B.7.1.2	Admission to university study programs is carried out in compliance with the principles of equity and equal opportunities, as well as with the establishment of support measures to ensure the access of vulnerable groups, in situations of social and educational risk, including candidates with special educational needs and/or disabilities.
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According to the IER, pg. 26: "The general principle of equality is enshrined in the Rules of Admission to Igor Sikorsky Kyiv Polytechnic Institute, namely: "All persons who obtain higher education at Igor Sikorsky Kyiv Polytechnic Institute have equal rights and obligations." Admission to study with access for vulnerable groups is regulated through a system of special conditions for participation in competitive selection and special conditions for admission to study under a state or regional order."

Section VIII of the Admission Procedure (<https://zakon.rada.gov.ua/laws/show/z0312-25#n14>) contains categories for applicants in situations of social and educational risk, including persons with special educational needs and/or disabilities.

The ranking list of applicants is formed taking into account special conditions.

The admission process is transparent, non-discriminatory and provides equal opportunities to all candidates, regardless of socio-economic status, ethnicity, gender, or religion (discussions with management, students and graduates). According to the management, in terms of university admission, the competition is not high, because of the war.

✓ Recommendations
Not the case.

The indicator is: met.

Standard S.B.7.2. Students' academic path

The organizational component carries out actions in support of the students' academic path.

Indicator I.P.B.7.2.1	The organizational component applies the regulations on the professional activity of students.
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According to the IER, pg. 27: „The Department of Educational Work (DEW) of Igor Sikorsky Kyiv Polytechnic Institute is a key unit that coordinates extracurricular activities and supports applicants' educational paths. According to the Regulation on DEW, Its main functions include managing the educational process (enrollment, monitoring, orders) and administering scholarships and social benefits.”

The Department of Educational Work coordinates and controls the work of structural units of KPI regarding issues of educational activities, as well as issues of ethical, aesthetic, sports, cultural and legal education, and ensuring the necessary conditions for study and recreation of higher education students (<https://osvita.kpi.ua/dnvr>).

The Deputy Dean for Academic Affairs coordinates social support for students, the scholarship committee's work, conditions for their studies, etc. (https://document.kpi.ua/files/2025_HOD-646a.pdf).

The university has a Regulation on the Curator, according to which the curator of the academic group acts as a direct mentor to students (https://osvita.kpi.ua/document_curator).

During the visit to the secretary/dean's office, the following were found:

- the secretarial staff presented the facilities of the electronic platform used to manage student activities;
- students and teaching staff have access to the electronic platform, based on the institutional account;
- the files of enrolled students are kept according to the internal rules of the university.

✓ Recommendations
Not the case.

The indicator is: met.

Criterion B.8. Internationalization process

Standard S.B.8.1. Internationalization

Increasing the quality of education and research through internationalization actions.

Indicator I.P.B.8.1.1	The organizational component carries out international cooperation actions through which the mobility of the members of its community and the collaboration in academic and research activity are supported.
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According to the IER, pg. 28: „Academic mobility is regulated by the document "Regulations on Academic Mobility", the work is carried out jointly with the Academic Mobility Department.”

The Academic Mobility Department of Igor Sikorsky Kyiv Polytechnic Institute is responsible for information support and documentation on issues of academic exchange of students and teachers, namely: Information and consultation; Program coordination; Development of cooperation with Ukrainian and foreign universities; Organization of information events aimed at popularizing programs (<https://mobilnist.kpi.ua/>). Regulation on academic mobility at Igor Sikorsky Kyiv Polytechnic Institute is public (<https://osvita.kpi.ua/ppam>).

Examples of students and teachers who participated in mobilities are presented in IER, pg. 28.

According to the IER and discussions during the visit:

- the KPI management presented the university's general strategy, including the internationalisation strategy (international agreements);
- the management was asked about its expectations regarding EurAce evaluation; the management stated that this type of evaluations is part of the KPI strategy and considers that a European certification is critical in the future;
- KPI representatives have collaborations with universities in the Czech Republic and Germany, having academic mobilities and the opportunity to exchange valuable information about the content of the curriculum and teaching methods.

✓ Recommendations

Not the case.

The indicator is: met.

Criterion B.9. Results of scientific research

Standard S.B.9.1. Scientific research in the education process

Scientific research activities support students' acquisition of learning outcomes.

Indicator	Learning based on scientific investigation and research results support and are capitalized in the acquisition of the learning outcomes targeted by the study program.
I.P.B.9.1.1	

According to the IER, pg. 29: „The department focuses on the development of modern radio-electronic systems and devices, in particular, radio-electronic equipment for nanosatellites, ultrasonic technology, and mechatronics.”

There are 5 engineering clubs of Radio Engineering Faculty on which, 1 is within Department of Applied Radioelectronics. The "Designing Intelligent Radio Electronic Equipment" club, provide access to equipment and mentorship in robotics, IoT, and Smart Home technologies.

At the meeting graduates gave examples of softwares used in faculty (Solidwork, Studio, CAD systems, Matlab, Spice), most of them similars with softwares used in industry.

The management was asked about the strategy for addressing the gap between the theoretical knowledge of graduates and industry requirements. The management confirmed that round tables with employers are held regularly, and employers' proposals are integrated into the curriculum update process conducted annually. Also, to reduce the gaps between education and industry, the KPI/faculty has made efforts and has two modern laboratories.

The coordinating department prepares an annual report as part of the faculty's comprehensive report on scientific activity for the calendar year, which is published in open access.

For example:

- Reports on the scientific work of the Radio Engineering Faculty are available at address: <https://re.kpi.ua/zvity-z-naukovoyi-roboty/>;
- Annotated report for scientific and research work under Contract No. Dndch/0201.01/2100.02/47/2023 dated 03/30/2023, is on development of practical ultrasonic rangefinder that can alert when an object is within 2 meters of an obstacle, led by a teacher in cooperation with four students (2 masters and two bachelors (<https://re.kpi.ua/wp-content/uploads/2023/09/zvit-dalekometriyi.pdf>);
- Annotated report for scientific and research work under Contract No. Dndch/0201.01/2100.02/48/2023 dated 03/30/2023, provides a foundation for developing modular video streaming transmitters and receivers operating across multiple radio frequency bands, supervised by an assistant professor in cooperation with one student from masters programme, two from bachelors and one engineer from the radioelectronics department (<https://re.kpi.ua/wp-content/uploads/2023/09/zvit-dvodiapazonnyj.pdf>).

✓ Recommendations

Not the case.

The indicator is: met.

Standard S.B.9.2. Scientific research related to the objectives of the study program

The organizational component carries out scientific research activities in accordance with the objectives of the evaluated study program.

Indicator	The results of scientific research are visible at national and international level in the respective scientific field and adequately capitalized.
I.P.B.9.2.1	

According to the IER, pg. 30, 31: „The results of the scientific work of the department's employees with the involvement of students are reflected in publications in professional publications in Ukraine and abroad, which are included in international scientometric databases, including Scopus and Web of Science (WoS).

... The key organizational unit of Igor Sikorsky Kyiv Polytechnic Institute in the direction of science and innovation is the Research and Development Department (RDD), which ensures the implementation of scientific and scientific and technical activities."

The Radio Engineering Faculty of Igor Sikorsky Kyiv Polytechnic Institute publishes the journal "Bulletin of NTUU "KPI" (<https://radap.kpi.ua/radiotechnique>).

The International Scientific and Technical Conference "Radio Engineering Problems, Signals, Devices and Systems" is held annually at the Radio Engineering Faculty (<https://rtpsas.rtf.kpi.ua/index/index>).

Information about the activity of the Science Innovation Research Development are public (<https://science.kpi.ua/ndch/>).

Also, Corporation "Science Park "Kyiv Polytechnic" – is a legal entity that was created by the initiative of the National Technical University of Ukraine "Kyiv Polytechnic Institute" for purposes of organization, coordination and management of such process as commercialization of university research (<https://scipark.kpi.ua/index.php/en/home/>).

An extended situation and a summary of the scientific publications of teaching staff are presented in Annex 10. Research_ARMS. In Annex A22 – Summary of publications, scientific activity in the last 10 years, for 33 teaching staff, highlights: 191 books, 818 papers published and 28 patents.

✓ Recommendations

Not the case.

The indicator is: met.

DOMAIN C. Quality Management

Criterion C.1. Strategies and procedures for quality assurance, including in the field of university ethics and deontology, involving students, employers and other stakeholders and being applied consistently and transparently

Standard S.C.1.1. Application

Strategic directions, actions and procedures properly implemented

Indicator I.P.C.1.1.1	The organizational component performs actions and applies procedures consistently, proving their impact in improving the quality of education at the level of the study program. <i>The study program is periodically evaluated, from the perspective of the following aspects: requirements and policies on the labor market, teaching-learning process, resources, results, management system.</i>
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According to the IER, pg. 31: "In accordance with Order No. 7/165 of September 10, 2020, the quality of the educational process at the university is ensured through a multi-level system of internal monitoring and management, based on the principles of academic integrity, transparency, and student-centered learning. The system covers five levels of responsibility: from students and individual departments to the Supervisory Board and the rector. Key elements are the annual assessment of student learning outcomes, analysis of teacher performance, and mandatory professional development."

The main document that defines the mechanisms for monitoring and periodic review of educational programs is Regulations on the system of internal quality assurance of higher education (https://document.kpi.ua/files/2020_7-165.pdf).

In addition, KPI:

- regulates the norms of academic integrity (Code of Honor of KPI, <https://kpi.ua/en/code>);
- defines the rules for planning and implementing training (Regulations on the organization of the educational process, <https://kpi.ua/en/regulations>);
- regulates the workload and quality indicators of teachers' activities (Regulations on the planning of work of scientific and pedagogical employees, <https://osvita.kpi.ua/sites/default/files/downloads/Poloz%20planuv%20rob%20NPP.pdf>).

Regulations on educational programs of KPI (approved by order No. NOD/232/25 dated 03/24/2025) is available (<https://osvita.kpi.ua/node/137>, Annex A11 – Programmes monitoring).

According to the discussions:

- faculties have methodological committees; these check curricula, work programs of disciplines (syllabuses) and examination materials;
- at the end of each semester, students take an anonymous survey, "Teacher through the eyes of students";
- calendar control is carried out twice a semester.

✓ Recommendations

Not the case.

The indicator is: met.

Standard S.C.1.2. Stakeholder engagement

The HEI shall demonstrate that it involves stakeholders with relevant activity in the application of the procedures.

Indicator I.P.C.1.2.1	The opinions of the members of one's own community and other interested parties are taken into account in the process of implementing the procedures.
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According to the IER, pg. 33: "At the meeting of the Department of Applied Radio Electronics dated 21.03.2025 (№03/2025), the updating of lecture material on the operation of modern electronic components used in modern radio-electronic systems was discussed in the educational component "Circuitry" (GN16.02).

All interested participants in the educational process can join the discussion and make changes to the educational program, which is why the draft educational program for the next academic year is publicly available on the department's website for discussion."

To maintain this status, better understand the needs of stakeholders, assess the quality of applicants' training, and the relevance of knowledge in the labor market, KPI organize a Round Table with stakeholders (<https://re.kpi.ua/pidgotovka-bakalavriv/spivpraczya-z-praczedavczyamy-2/>).

In the IER, examples of the educational components, introduced in ITRE programme, are given (Programmable Means in Intelligent Radio Electronic Equipment (PN01), Intelligent Elements Design of Radio Electronic Systems (PN02), Microwave Devices and Antennas (PN03), Communication Methods in Intelligent Radio Electronic Systems (PN04), Printed Circuit Boards Design (PN05), Communication Means in Intelligent Radio Electronic Systems (PN06), etc.).

Regarding the relationship between the quality system and the employers, the quality staff stated that the roundtables are organized and the proposals for course/topic of the courses are analyzed; example: last roundtable was attended by 15 employers.

The evaluation commission considers that the changes in the ITRE study programme, included as a result of consultations with employers, can be considered a type of stakeholder involvement in the implementation of procedures.

For example, Annex A15 – Feedback, presents:

- Minutes of the Department of Applied Radioelectronics, having on agenda: On the update of the lecture material for the educational component "Circuitry";
- Minutes of the Round Table meeting with stakeholders of the Faculty of Radio Engineering, having on agenda: presentation of the educational programs of the Faculty of Radio Engineering; discussion of the strengths and weaknesses of student training; proposals for improving student training and professional development.

At the meeting with the teaching staff:

- the teachers confirm that they are consulted regarding methodologies and procedures updates;
- some teachers consider that reducing bureaucracy is necessary.

✓ Recommendations

Identifying numerically measurable objectives to characterize the involvement of stakeholders in the implementation process of procedures and their periodic monitoring.

The indicator is: met.

Criterion C.2. The functionality of the structures for ensuring the quality of education, including in the field of university ethics and deontology, according to the law

Standard S.C.2.1. Structures

The HEI has organizational structures in the field of quality assurance, established under the law.

Indicator I.P.C.2.1.1	In the organizational structure of the HEI, the CEAC is constituted. Such structures may also exist at the level of the organizational component.
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According to the IER, pg. 34: "The "Regulations on the system of internal quality assurance of higher education at Igor Sikorsky Kyiv Polytechnic Institute" defines five levels of the internal quality assurance system: level 1 - these are applicants for higher education and their initiative groups; level 2 - the level of direct implementation of the EP: heads, EP support groups, teaching staff, EP guarantors; Level 3 – the level of monitoring and administration of the EP (faculty/institute administrations, student self-government bodies, stakeholders), level 4 – development, examination, testing, monitoring of academic policy (vice-rectors, university-wide structural units); level 5 – the level of making system-forming decisions (Rector, Academic and Supervisory Councils)."

Order No. HOH/253/2022 dated September 15, 2022 "On conducting a self-analysis of the activities of departments (internal accreditation)" establish (https://document.kpi.ua/2022_HOH-253):

- Directors of educational and scientific institutes (ESSIs), deans of faculties, heads of departments, together with the Department of Educational Process Quality, organize and conduct a self-analysis of the activities of university departments and determine the compliance of their indicators with internal accreditation criteria;
- Directors of NNIs, deans of faculties should create and head institute/faculty accreditation commissions, which should include: deputy directors of NNIs/deputy deans of faculties, heads of graduate departments, heads of scientific and methodological commissions of the university for specialties;
- The heads of departments create and lead working groups to work on self-analysis materials, hold department meetings to discuss these materials, and submit them to the accreditation committees of the NNI/faculties.

At the meeting with the quality assurance organisational structures members:

- the staff was asked to present the organization of quality activities in KPI (commissions, members); a teacher can become member of the quality commission through election;
- the evaluation commission asked about the reaction mechanisms of the quality system to weaknesses identified through student surveys; it was specified that the results are discussed at the department level, and if individual teachers receive consistently negative feedback, the head of department holds individual consultations; the outcome of these discussions is reflected in subsequent annual quality reports.

✓ Recommendations
Not the case.

The indicator is: met.

Standard S.C.2.2. Operation

The organizational structures in the field of quality assurance and that of university ethics and deontology perform their specific role and functions adequately.

Indicator I.P.C.2.2.1	The CEAC and the structures established, as the case may be, at the level of the organizational component operate on the basis of the regulation approved by the university
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senate, in order to carry out the activities of internal assurance and evaluation, as well as external evaluation of the quality of education.

According to the IER, pg. 35: "The Accreditation and Licensing Department provides a full cycle of support for educational programs - from consulting on passing Ukrainian (NAQA) and international accreditation to monitoring compliance with licensing requirements and maintaining the Unified state database on education. ... The Accreditation Commission of Igor Sikorsky Kyiv Polytechnic Institute is a key collegial body in the system of internal quality assurance of education, operating on the principles of openness and democracy."

The University Accreditation Department is established by ORDER No. 1-138, 18.09.06. The main tasks of the accreditation department are presented on the website (https://document.kpi.ua/2006_1-138).

In order to ensure the effective functioning of the internal quality assurance system of higher education, Order No. NOD/389/25 dated 02.05.2025, approves the regulations on the accreditation commission of Igor Sikorsky Kyiv Polytechnic Institute (https://document.kpi.ua/2025_HOD-389).

According to the meeting with the quality assurance organisational structures members:

- the quality system is organized at different levels (students, teaching staff, administrative staff, scientific council, vice-rector, rector); example: students are part of the methodological councils.

✓ Recommendations

Not the case.

The indicator is: met.

Indicator I.P.C.2.2.2	The University Ethics Commission operates on the basis of the regulation approved by the university senate and acts independently of any other structure or person within the higher education institution, in compliance with the law.
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According to the OER, pg. 35: "The Ethics Commission of the Igor Sikorsky Kyiv Polytechnic University is an independent, collegial body that protects the university's moral and ethical principles and academic integrity standards. Its activities are aimed at ensuring that the university environment remains a territory of honesty, mutual respect, and high professional responsibility."

The Regulation of the Commission on Ethics and Academic Excellence of the KPI is approved in 13.12.2019 (https://kpi.ua/files/etic_comission.pdf).

At the planned meeting with the representatives of the Ethics Commission:

- the staff present was asked to present the organization of Ethics Commission activities in KPI (19 members, teachers and students);
- a person can become a member of the Ethics Committee upon proposal and after approval by the rector; regarding the motivation for someone to become a member of the ethics, experience in the field and a sense of duty were invoked;
- the ethics team organizes information sessions within the university;
- KPI's historical role in developing academic integrity policy in Ukraine was highlighted; the university is considered among the first in the country to have established a formal academic integrity policy, and since 2024, a specific institutional policy on the use of Artificial Intelligence in education and research has been in force, complemented by dedicated software modules for detecting AI-generated content in academic texts.

✓ Recommendations

Not the case.

The indicator is: met.

Criterion C.3. Procedures for initiating, monitoring and periodically reviewing curricula and fields of study and activities involving students, employers and other stakeholders

Standard S.C.3.1. Procedures and their application

The HEI has procedures for initiating, monitoring and periodically reviewing the programs and fields of study and the activities carried out and applies them systematically.

Indicator I.P.C.3.1.1	The organizational component consistently applies the procedures, proving their impact on quality assurance. <i>The process of periodic evaluation of the study program takes into account: (i) the interest in the study program and the satisfaction regarding the preparation of students/graduates on the part of the labor market representatives; (ii) interest in the study program and satisfaction regarding the students' preparation on the part of the internship partners; (iii) the results of the monitoring of students' opinion regarding the teaching process.</i>
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According to the IER, pg. 36: "For an objective assessment of EP, a survey is conducted of students, teachers, administrators, support staff, graduates, and employers. All stakeholder feedback from roundtables and from after completing the internship is considered at a meeting of the Department of Applied Radio Electronics to make changes to the educational program and support its modernization."

Researches on the quality of education are conducted by the Research Center for Applied Sociology "Socioplus" of Igor Sikorsky Kyiv Polytechnic Institute (<https://socioplus.kpi.ua/research/quality-education/>). The information presented by the IER are confirmed by the discussions.

Regarding the responses and feedback to the questionnaires, the SocioPlus representative stated that the department has 21 years of experience in analyzing this type of data. It is estimated that, at the university level, there are over 3000 responses to the questionnaires. The questionnaires are voluntary and free-form, allowing students to submit open-ended comments. The quality team acknowledged that improving student engagement in the survey process is an ongoing objective, and proposals were mentioned to integrate the survey into the course selection platform to increase visibility.

Results of the student survey are detailed in Annex A13 – Student survey (<https://re.kpi.ua/pidgotovka-bakalavriv/anketuvannya-2/>).

✓ **Recommendations**
Not the case.

The indicator is: met.

Indicator I.P.C.3.1.2	Members of their own community and other stakeholders are involved in the process of implementing the procedures. <i>The implementation of the procedures benefits from the employers' input, helping to ensure their satisfaction.</i>
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According to the IER, pg. 37: "Based on annual monitoring, which includes analysis of employer feedback and student survey results, proposals are developed to update training content or the list of disciplines. The prepared draft of changes must be submitted for public discussion by publishing it on the university's official resources for at least one month. During this period, students, graduates and external experts have the opportunity to submit their comments, which are subsequently considered by the working group and recorded in the protocols for further adjustment of the program."

Examples are presented in IER, including:

- involvement of part-time teachers from other institutions;
- organization of one-time lectures and seminars by representatives of employer companies;
- implementation of the individual educational trajectory of applicants.

During the visit:

- employers confirm punctual consultation on the contents of the ITRE curriculum;
- companies are involved in supporting some components of the courses;
- teachers present at the meeting confirm that they are consulted on the modification of the curricula/procedures and the modifications are discussed in department meetings;
- students involvement is also achieved through their participation in decision structures (senate, faculty councils, quality committees);

- management specified that in the last two years they have had a very good relationship with the industry and are open to all companies; there are no difference between private or state companies.

✓ Recommendations

Not the case.

The indicator is: met.

Criterion C.4. Procedures for periodic evaluation of the quality of the activities of the teaching, auxiliary and administrative staff

Standard S.C.4.1. Procedures

The application of methodologies and procedures contributes to improving the quality of staff activities.

Indicator I.P.C.4.1.1	The organizational component analyzes the results of the semester evaluation process by students of the teachers' performance.
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According to the IER, pg. 38: "To assess the quality of education, a university-wide survey, "Teacher through the Eyes of Students," is conducted after each semester, with the results available in the "Electronic Campus". In addition, a survey of the faculty's student self-government is in operation. The survey results are discussed at meetings of the department and the faculty's Academic Council."

According to the discussions:

- each teacher and each course are analyzed every semester;
- results are discussed to the departments level;
- if necessary, the head of department holds discussions with the professors.

Students present at the meeting confirm that the evaluation of teaching staff is carried out by completing an online questionnaire (Electronic Campus) and the student feedback is anonymous.

Results of the student survey are detailed in Annex A13 – Student survey (<https://re.kpi.ua/pidgotovka-bakalavriv/anketuvannya-2/>).

✓ Recommendations

Not the case.

The indicator is: met.

Criterion C.5. Systematically updated databases on internal quality assurance

Standard S.C.5.1. Databases

The HEI uses databases to support internal quality assurance activities.

Indicator I.P.C.5.1.1	The organizational component systematically collects and analyzes data necessary for the internal quality assurance process.
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According to the IER, pg. 39: "The policy of Igor Sikorsky Kyiv Polytechnic Institute regarding the quality assurance system in higher education is aimed at continuous improvement across all areas of the university's activities."

This activity is conducted according to the Regulations on the internal system of quality assurance of higher education at KPI (, dated 10.09.2020, https://document.kpi.ua/files/2020_7-165.pdf).

At the meeting with the Quality Commission members, the following were highlighted:

- the activity of the Quality Commission is carried out through periodic meetings;
- annually, the Quality Commission generates Reports on the Results of Comprehensive Monitoring of the Quality of Specialist Training at Igor Sikorsky Kyiv Polytechnic Institute (<https://kpi.ua/monitoring>);
- Annual reports on the work of the Quality Commission are created and discussed at the meeting of the Academic Council of KPI, but are not made public.

✓ Recommendations

Publishing on the university website at least a summary of the annual reports on the activity of the Quality Commission.

The indicator is: met.

Criterion C.6. Transparency of information of public interest, including information on the programmes and fields of study offered, as well as on the related certificates, diplomas and qualifications

Standard S.C.6.1. Transparency

The organizational component ensures the transparency of information, according to the law.

Indicator I.P.C.6.1.1	The organizational component ensures the publication and access to information of public interest regarding the evaluated study program.
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According to the IER, pg. 39: "The main document regulating the educational process in higher education institutions is the "Regulations on the Organization of the Educational Process". Also, the content of the educational program and the implementation of the educational process are carried out in accordance with the Laws of Ukraine "On Education", "On Higher Education", the Resolution of the Cabinet of Ministers of Ukraine "On Approval of the National Qualifications Framework", and the Higher Education Standard of Ukraine for the Bachelor's level of education."

The mentioned regulations are available on the website:

- Regulations on the Organization of the Educational Process at Igor Sikorsky Kyiv Polytechnic (<https://kpi.ua/en/regulations>);
- Educational program "Intelligent Technologies of Radioelectronic Equipment" (https://osvita.kpi.ua/sites/default/files/oop/g5_oppb_itret_2025.pdf);
- Educational components of EP "Intelligent Technologies in Radioelectronic Equipment" for the 2025/2026 academic year (<https://re.kpi.ua/pidgotovka-bakalavriv/osvitni-komponenty-bakalavriv/>);
- Students' qualifying works of EP "Intelligent Technologies in Radioelectronic Equipment" (<https://re.kpi.ua/navchannya/kvalifikacijni-roboty/>);
- Schedule of educational process of Igor Sikorsky Kyiv Polytechnic Institute (<https://schedule.kpi.ua/>).

✓ Recommendations

Not the case.

The indicator is: met.

Indicator I.P.C.6.1.2	The organizational component ensures the transparency of the decision-making processes.
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According to the IER, pg. 40: "The transparency of the Academic Council of Igor Sikorsky Kyiv Polytechnic Institute is ensured through the openness of information and the systematic publication of its results. On the official website of the Academic Council, there is a special section "Decisions of the Academic Council", where the full texts of the decisions made are freely published, indicating the date of the meeting and the number of the minutes."

The documents which regulates the rights and obligations of participants in the educational process at the university are available on website (<https://kpi.ua/admin-rule>).

Regulations on current, calendar and semester control of study results at Igor Sikorsky Kyiv Polytechnic Institute are, also, public documents (<https://osvita.kpi.ua/node/32>).

The Decisions of the Academic Council are available on website (<https://rada.kpi.ua/taxonomy/term/13>).

✓ Recommendations

Not the case.

The indicator is: met.

Criterion C.7. Compliance with the deadlines and reporting standards provided by the legislation in force

Standard S.C.7.1. Preparation and transmission of reports

The IIS prepares and transmits or publishes reports, according to the law.

Indicator I.P.C.7.1.1	The organizational component collects and transmits the requested data, respectively prepares and publishes reports, ensuring compliance with the obligations arising from public responsibility.
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According to the IER, pg. 41: "... on the official website of Igor Sikorsky Kyiv Polytechnic Institute, the university ensures transparency of its activities... The publication of these documents allows the public and regulatory authorities to monitor the effectiveness of resource management and the university's fulfillment of its social and educational obligations."

KPI publishes various reports annually that reflect the institution's activity and compliance with transparency obligations, including: Rector's Report; Financial and budgetary report; Report of the Vice-Rector for Infrastructure Development; Report of the Vice-Rector for International Relations; Report of the Vice-Rector for Academic Affairs etc. (<https://kpi.ua/report>).

Annual reports on the work of the Quality Commission and Ethics Commission are created and discussed at the meeting of the Academic Council of KPI, but are not made public.

On the university website, there's a section dedicated to academic integrity (UKR version only) - <https://kpi.ua/academic-integrity>, which has a list of links to different resources (laws, acts, decrees, social questionnaire results (<https://ela.kpi.ua/server/api/core/bitstreams/525eba13-4269-4185-8128-4b9e73236451/content>) and educational materials).

✓ Recommendations

Publishing on the university website at least a summary of the annual reports on the activity of the Quality Commission and Ethics Commission.

The indicator is: met.

Criterion C.8. Participation in external evaluation processes, according to the law

Standard S.C.8.1. Compliance with the external evaluation obligation

The HEI is subject to the external quality assessment process, according to the law.

Indicator I.P.C.8.1.1	The organizational component carries out the procedures related to the external quality evaluation process, in order to organize, under the law, the evaluated study program.
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According to the IER, pg. 42: "Currently, accreditation is in effect for the specialty (accredited by the Ministry of Education and Science of Ukraine), certificate UD 11017504 is valid until 2026-07-01.

...This educational program, "Intelligent Technologies of Radioelectronic Equipment" was introduced into the educational process for the first time in the 2022/2023 academic year and is a synergy of two previous educational programs in this specialty, namely "Radiocommunications and Signal Processing" and "Intelligent Technologies of Microsystem Radioelectronic Equipment".

The mentioned certificate in IER, which highlights the accreditation of the study programme ITRE is presented in Annex A01 – ITRE Accreditation.

✓ Recommendations

Not the case.

The indicator is: met.

IV. SWOT Analysis

Strengths:	INTERNAL FACTORS	Weaknesses:
✓ Very good collaboration with economic		✓ Maintaining and modernizing of the

partners relevant to the field of the ITRE study programme. ✓ Good professional insertion and professional prospects open to graduates of the ITRE study programme. ✓ The possibility for students to model their own educational trajectory, by independently choosing 25% of academic disciplines.	①	specialized laboratories requires large investments, which leads to uneven homogeneity of some laboratories. ✓ Fluctuating number of graduates for the latest promotions and fluctuating access, from one promotion to another, to master's programmes. ✓ Increased workload and stress among students under war conditions.
	SWOT Analysis	
Opportunities: ✓ The interest shown by companies in collaborating with the university. ✓ Demand for ITRE graduates, due to the existing employment opportunities in defense technologies.	② EXTERNAL FACTORS	Threats: ✓ The rapid dynamics of technologies in the field brings the risk of curricular overshoot. ✓ Under war conditions, risks to the safety of participants in the educational process and the need to conduct courses in shelters.

V. Compliance with standards and performance indicators and recommendations made

Crt. no.	Performance indicator	Degree of fulfillment (M/PM/NM)	Recommendations
DOMAIN A. Institutional capacity			
1.	I.P.A.1.1.1 For the development of the program/field of university studies, the ÎS has adequate organizational components and a management system, whose functioning is based on methodologies, regulations and procedures periodically reviewed, under the conditions of the law.	Met	Not the case.
2.	I.P.A.1.2.1 The opinions of the members of the faculty and the department, respectively of the branch or extension and of other interested parties are taken into account in the process of adopting and revising the methodologies, regulations and application procedures.	Partially met	Real activation of mechanisms for involving all stakeholders in reviewing methodologies, procedures and regulations and completing record documents.
3.	I.P.A.2.1.1 ÎS holds, in accordance with the law, spaces dedicated to the corresponding educational, research and administrative processes, as well as for services for students, doctoral students and students, which ensure a favorable environment for life and study, including for those with disabilities. Optimal spaces are also provided for the performance of staff activities. They are adequately equipped.	Met	Not the case.

Crt. no.	Performance indicator	Degree of fulfillment (M/PM/NM)	Recommendations
	<i>The facilities made available to students, including the related equipment, are quantitatively and qualitatively adequate for the development of the objectives of the study program, as designed and planned, and allow the application of study methods.</i>		
4.	I.P.A.2.2.1 Immovable and movable property shall be adequately maintained, so as to ensure optimal conditions for study, research and life, as well as work.	Partially met	Reorganizing laboratory activities, which involve the use of equipment and apparatus, so that the number of students per subgroup is a maximum of 15 students, according to Specific ARACIS Standards.
5.	I.P.A.3.1.1 The human resources of the organizational component are adequate for carrying out the activities related to the evaluated program/field of university studies. The teaching staff has the necessary qualifications and professional competences to teach the subjects that correspond to them in the list of functions.	Met	Not the case.
6.	I.P.A.3.1.2 ÎS ensures the professional and personal development of the staff.	Met	Not the case.
7.	I.P.A.3.2.1 The recruitment procedures are in accordance with the legal provisions, established and carried out in a transparent manner.	Met	Not the case.
8.	I.P.A.4.1.1 The organizational component uses IT tools within its own procedures in order to improve access and ensure quality services for members of its own community and indirect beneficiaries of education.	Met	Not the case.
DOMAIN B. Educational effectiveness			
9.	I.P.B.1.1.1 The university study program is developed and structured in relation to the expected learning outcomes and is organized on the basis of transferable study credits. It encompasses the totality of learning, teaching, practical training, research and assessment experiences that together lead to a university qualification.	Partially met	Reorganizing Pre-diploma activities so that they do not exceed 8 hours per working day. Analyzing the possibility of introducing a 180 hours of Practice at the end of the second/third year of study, according to the ARACIS Specific Standards. Increasing the number of exam-type evaluations to over 50% of the total number of disciplines in the curriculum, in accordance with Specific ARACIS Standards. In Section 8 of the syllabi, the formulation of the evaluation, including for the minimum performance criteria, in terms of learning outcomes.
10.	I.P.B.1.2.1 The study program operates under the conditions of the authorization act, respectively of accreditation, aiming at the realization of the educational ideal of higher education according to the law.	Met	Not the case.

Crt. no.	Performance indicator	Degree of fulfillment (M/PM/NM)	Recommendations
11.	I.P.B.2.1.1 The learning outcomes are consistent with the level of qualification.	Met	Not the case.
12.	I.P.B.2.1.2 The expected learning outcomes are correlated with the competencies required by the corresponding occupations, according to occupational standards and/or the European Occupational Classification (ESCO). <i>The curriculum is designed to meet the educational requirements formulated by employers, including on the acquisition of practical skills.</i> <i>The educational requirements formulated by employers have helped to define learning outcomes specific to the study program.</i> <i>The stated results of the study program allow graduates to engage in the work in positions corresponding to the qualification obtained. The graduates of the study program have clearly defined the perspective of occupation on the labor market.</i>	Met	Not the case.
13.	I.P.B.3.1.1 The organizational component ensures the implementation of the principles of student-centered learning within the curriculum and through the didactic strategies used in the learning and teaching activities and experiences.	Met	Not the case.
14.	I.P.B.3.1.2 The organizational component provides students with opportunities to participate in academic mobility programs, carried out with physical and/or virtual presence.	Met	Organizing periodic meetings with the participation of bachelor students and former beneficiaries of the Erasmus mobilities, in order to realize the importance of such opportunities.
15.	I.P.B.3.2.1 The organizational component ensures fair opportunities for students, in accordance with their potential and aspirations, taking into account the diversity of learning styles and skills.	Met	Not the case.
16.	I.P.B.4.1.1 The organizational component ensures access for students, including those with special educational needs/disabilities, to resources and services designed to support the learning process, appropriate in relation to the individual learning needs, the field of study, the study cycle and the form of organization of the study program. <i>The study programme provides students with relevant support for the learning process (career counselling, tutoring and assistance), thus facilitating the acquisition of knowledge and skills, respectively promotion in a year of higher study.</i>	Met	Not the case.
17.	I.P.B.5.1.1 Learning outcomes are adequately described and support the understanding of the	Met	Not the case.

Crt. no.	Performance indicator	Degree of fulfillment (M/PM/NM)	Recommendations
	student's and teacher's expectations regarding the content of the subjects in the curriculum. <i>The results of the study program have been established according to what students should know (the correspondence between the content of the educational process and the learning outcomes specified in the diploma supplement), understand and/or be able to demonstrate after completing the learning process. They are in full compliance with EAFSG standards.</i>		
18.	I.P.B.5.1.2 The verification of the achievement of learning results is carried out through evaluation exams along the way and through graduation exams. <i>The development of competences by students (by acquiring the knowledge and skills provided in the subject sheets) is adequately assessed, on the 8 defined learning areas EAFSG standards.</i> <i>The theme for the elaboration of the graduation works (diploma projects) is established in collaboration with the economic environment.</i>	Met	Increasing the number of exam-type evaluations to over 50% of the total number of disciplines in the curriculum, in accordance with Specific ARACIS Standards.
19.	I.P.B.6.1.1 The organizational component carries out systematic activities to ensure an easy transition of graduates from learning to the labor market. <i>The higher education institution conducts regular consultations with representatives of the environment including students, of the socio-economic and cultural-artistic environment and of the labor market, regarding the objectives and declared results of the study program. These consultations shall be carried out in an organized framework and are documented.</i>	Met	Not the case.
20.	I.P.B.7.1.1 The organizational component applies the procedures regarding admission.	Met	Not the case.
21.	I.P.B.7.1.2 Admission to university study programs is carried out in compliance with the principles of equity and equal opportunities, as well as with the establishment of support measures to ensure access to vulnerable groups, in situations of social and educational risk, including candidates with special educational needs and/or disabilities.	Met	Not the case.
22.	I.P.B.7.2.1 The organizational component applies the regulations regarding the professional activity of students.	Met	Not the case.
23.	I.P.B.8.1.1 The organizational component carries out international cooperation actions through which the mobility of the members of its	Met	Not the case.

Crt. no.	Performance indicator	Degree of fulfillment (M/PM/NM)	Recommendations
	own community and the collaboration in academic and research activity are supported.		
24.	I.P.B.9.1.1 Learning based on scientific investigation and research results support and are capitalized in the acquisition of the learning outcomes targeted through the study program.	Met	Not the case.
25.	I.P.B.9.2.1 The results of scientific research are visible at national and international level in the respective scientific field and adequately capitalized.	Met	Not the case.
DOMAIN C. Quality Management			
26.	I.P.C.1.1.1 The organizational component carries out actions and applies procedures, consistently, proving their impact in improving the quality of education at the level of the study program. <i>The study program is periodically evaluated, from the perspective of the following aspects: requirements and policies on the labor market, teaching-learning process, resources, results, management system.</i>	Met	Not the case.
27.	I.P.C.1.2.1 The opinions of the members of the own community and other interested parties are taken into account in the process of implementing the procedures.	Met	Identifying numerically measurable objectives to characterize the involvement of stakeholders in the implementation process of procedures and their periodic monitoring.
28.	I.P.C.2.1.1 The CEAC is established in the organizational structure of the ÎS. There can be such structures at the level of the organizational component as well.	Met	Not the case.
29.	I.P.C.2.2.1 CEAC and the structures established, as the case may be, at the level of the organizational component operate on the basis of the regulation approved by the university senate, in order to carry out the activities of internal assurance and evaluation, as well as external evaluation of the quality of education.	Met	Not the case.
30.	I.P.C.2.2.2 The University Ethics Commission operates on the basis of the regulation approved by the university senate and acts independently of any other structure or person within the higher education institution, in compliance with the law.	Met	Not the case.
31.	I.P.C.3.1.1 The organizational component consistently applies the procedures, proving their impact in quality assurance. <i>The process of periodic evaluation of the study program takes into account: (i) the interest in the study program and the satisfaction regarding the preparation of</i>	Met	Not the case.

Crt. no.	Performance indicator	Degree of fulfillment (M/PM/NM)	Recommendations
	<i>students/graduates from the representatives of the labor market; (ii) interest in the study programme and satisfaction with training of students from practice partners; (iii) the results of monitoring the students' opinion regarding the teaching process.</i>		
32.	I.P.C.3.1.2 Members of their own community and other interested parties are involved in the process of implementing the procedures. <i>The implementation of the procedures benefits from the input of employers, helping to ensure their satisfaction.</i>	Met	Not the case.
33.	I.P.C.4.1.1 The organizational component analyzes the results of the semester evaluation process by students of the teachers' performance.	Met	Not the case.
34.	I.P.C.5.1.1 The organizational component systematically collects and analyzes the data necessary for the internal quality assurance process.	Met	Publishing on the university website at least a summary of the annual reports on the activity of the Quality Commission.
35.	I.P.C.6.1.1 The organizational component ensures the publication and access to information of public interest regarding the evaluated study program.	Met	Not the case.
36.	I.P.C.6.1.2 The organizational component ensures the transparency of the decision-making processes.	Met	Not the case.
37.	I.P.C.7.1.1 The organizational component collects and transmits the requested data, respectively prepares and publishes reports, ensuring compliance with the obligations arising from public liability.	Met	Publishing on the university website at least a summary of the annual reports on the activity of the Quality Commission and Ethics Commission.
38.	I.P.C.8.1.1 The organizational component carries out the procedures related to the external quality evaluation process, in order to organize, under the law, the evaluated study program.	Met	Not the case.

Centralizing table of performance indicators – degree of fulfillment

Evaluation area	Number of performance indicators		
	Fulfilled	Partially Fulfilled	Not met
Area A. Institutional capacity	6	2	0
Area B. Educational effectiveness	16	1	0
Area C. Quality Management	13	0	0
Total	35	3	0

VI. Conclusions

From the analysis of the Internal Evaluation Report (IER), the annexes attached to it and the additional documents made available by the representatives of the Intelligent Technologies of Radioelectronic

Equipment (ITRE) study programme, as well as from what was found during the visit to the National Technical University of Ukraine „Igor Sikorsky Kyiv Polytechnic Institute” (KPI), the ARACIS Evaluation Commission considers the following:

- National Technical University of Ukraine „Igor Sikorsky Kyiv Polytechnic Institute” (KPI) is a public higher education institution with legal personality, part of the national higher education system of Ukraine. KPI was founded in 1898 as Ukraine’s first multidisciplinary technical university.
- Currently, the Intelligent Technologies of Radioelectronic Equipment (ITRE) study programme is accredited by the Ministry of Education and Science of Ukraine.
- The Radio Engineering Faculty (REF) of the Igor Sikorsky Kyiv Polytechnic Institute has a very good collaboration with relevant economic partners in the field of the ITRE study programme.
- The evaluated study programme, Intelligent Technologies of Radioelectronic Equipment (ITRE), benefits from the management support of the Igor Sikorsky Kyiv Polytechnic Institute and the Radio Engineering Faculty for development, evolution and fulfillment of the assumed mission.

Following the periodic evaluation procedure of the bachelor's degree programme, Intelligent Technologies of Radioelectronic Equipment (ITRE), within the National Technical University of Ukraine „Igor Sikorsky Kyiv Polytechnic Institute” (KPI), the ARACIS Evaluation Commission proposes:

- ✓ ***maintenance of accreditation (MAC) and granting of EUR-ACE® certification, with an enrollment capacity of 50 students in the first year of study.***

VII. Annexes

The list of additional annexes, requested by the evaluation commission before the visit and uploaded to Sharepoint-ARACIS, is presented in Chapter II of this EER.



THE EVALUATION VISIT SCHEDULE
 (ONLINE and ON-SITE – Recorded meetings)

Time interval	Activity	Participants	Location and participants list
Day 1, Wednesday, May 20, 2026 Link to join meetings: https://us02web.zoom.us/j/88102668863?pwd=r7QuUy3EbRarte9xLJbjYdnR5nOZ6S.1 Meeting ID: 881 0266 8863 Passcode: 299416			
14:00 – 14:20	Technical meeting of the external quality evaluation commission. Recorded meeting.	ARACIS expert evaluation commission: Dulău Mircea and Radu Alexandru, Maistrenko Oleksandr and Kalimulin Temir, online.	
	Link to join meeting: https://us05web.zoom.us/j/82961002801?pwd=GzWCi6hF3sk42V9fh7zwAfXbWIGpaQ.1		
14:20 - 14:30	Comfort break		
14:30 - 15:20	Meeting of the external quality evaluation commission with the team that has drafted the internal evaluation report (IER) for ITRE. Recorded meeting.	ARACIS expert evaluation commission: Dulău Mircea and Radu Alexandru, Maistrenko Oleksandr and Kalimulin Temir, online. Team that has drafted the IER.	Representatives of the institution:
15:20 - 15:30	Comfort break		
15:30 - 16:20	Meeting of the external quality evaluation commission with students of the evaluated study programme (ITRE). Recorded meeting.	ARACIS expert evaluation commission: Dulău Mircea and Radu Alexandru, Maistrenko Oleksandr and Kalimulin Temir, online. Students.	Representatives of the institution:



Time interval	Activity	Participants	Location and participants list
16:20 - 16:30	Comfort break		
16:30 - 17:20	Meeting of the external quality evaluation commission with alumni of the of the evaluated study programme. Recorded meeting.	ARACIS expert evaluation commission: Dulău Mircea and Radu Alexandru, Maistrenko Oleksandr and Kalimulin Temir, online. Graduates.	Representatives of the institution:
17:20 - 17:30	Comfort break		
17:30 - 18:00	Technical meeting of the external quality evaluation commission.	ARACIS expert evaluation commission: Dulău Mircea and Radu Alexandru, Maistrenko Oleksandr and Kalimulin Temir, online.	
	Link to join meeting: https://us05web.zoom.us/j/84479100640?pwd=498Aikfbrhd0nYLzpS2ayzDgQanVmU.1		
18:00 - 18:30	Comfort break		
18:30 - 19:00	Backup time for 1st day (in case of technical problems or alarms).		
Day 2, Thursday, May 21, 2026 https://us02web.zoom.us/j/88355411065?pwd=vNiR6aFzuonQnooxAfJimXVm1WB5Lb.1 Meeting ID: 883 5541 1065 Passcode: 586542			



Time interval	Activity	Participants	Location and participants list
09:00-09:50	Meeting of the external quality evaluation commission with the representatives of the management of the organisational component (university/faculty/department). Recorded meeting.	ARACIS expert evaluation commission: Dulău Mircea and Radu Alexandru, online. Maistrenko Oleksandr and Kalimulin Temir, on-site (KPI). Representatives of the institution.	KPI, Room/Location: Room 157, Building 1
09:50-10:00	Comfort break		
10:00-12:00	Visiting the material resources (lecture/seminar rooms, laboratories, library etc.), including secretary office. Recorded meeting and online audio-video transmission.	ARACIS expert evaluation commission: Dulău Mircea and Radu Alexandru, online. Maistrenko Oleksandr and Kalimulin Temir, on-site (KPI). Representatives of the institution.	KPI, Room/Location: Building 17 of the Igor Sikorsky Kyiv Polytechnic Institute (KPI), library Staff:
12:00-12:10	Comfort break		
12:10 – 13:00	Meeting of the external quality evaluation commission with employers of the alumni in the evaluated study programme (domain). Recorded meeting.	ARACIS expert evaluation commission: Dulău Mircea and Radu Alexandru, online. Maistrenko Oleksandr and Kalimulin Temir, on-site (KPI). Employers.	KPI, Room/Location: Room 157, Building 1 Employers/companies:
13:00 - 14:00	Lunch break		



Time interval	Activity	Participants	Location and participants list
14:00-14:50	Meeting of the external quality evaluation commission with the representatives of the quality assurance organisational structures members / similar structure established at the level of the organisational component. Recorded meeting.	ARACIS expert evaluation commission: Dulău Mircea and Radu Alexandru, online. Maistrenko Oleksandr and Kalimulin Temir, on-site (KPI). Representatives of quality assurance organisational structures.	KPI, Room/Location: Room 157, Building 1
14:50-15:00	Comfort break		
15:00-15:50	Meeting of the external quality evaluation commission with the members of the University Ethics Committee / similar structure established at the level of the organisational component (Academic Conduct Commission). Recorded meeting.	ARACIS expert evaluation commission: Dulău Mircea and Radu Alexandru, online. Maistrenko Oleksandr and Kalimulin Temir, on-site (KPI). Members of the University Ethics Commission / Academic Conduct Commission.	KPI, Room/Location: 157-1
15:50-16:00	Comfort break		
16:00-16:50	Meeting of the external quality evaluation commission with the teaching staff involved in the activities within the evaluated study programme. Recorded meeting.	ARACIS expert evaluation commission: Dulău Mircea and Radu Alexandru, online. Maistrenko Oleksandr and Kalimulin Temir, on-site (KPI). Teaching staff.	KPI, Room/Location: 157-1 Teaching staff involved in the study programme:
16:50-	Comfort break		



Time interval	Activity	Participants	Location and participants list
17:00			
17:00-17:30	Technical meeting of the external quality evaluation commission.	ARACIS expert evaluation commission: Dulău Mircea and Radu Alexandru, online. Maistrenko Oleksandr and Kalimulin Temir, on-site (KPI).	KPI, Room/Location: 157-1
	Link to join meeting: https://us05web.zoom.us/j/82808619449?pwd=7REyfAleVNDXn4LWtSyzmWsBFHNzra.1		
17:30-18:00	Backup time for 2nd day (in case of technical problems or alarms).		
Day 3, Thursday, May 22, 2026 https://us02web.zoom.us/j/84432516374?pwd=PaL7NG3eEQ0pabci1rxXrpz6hvOKqa.1 Meeting ID: 844 3251 6374 Passcode: 244410			
12:00-12:30	Technical meeting of the external quality evaluation commission. Formulation of the preliminary conclusions.	ARACIS expert evaluation commission: Dulău Mircea and Radu Alexandru, online. Maistrenko Oleksandr and Kalimulin Temir, on-site (KPI).	KPI, Room/Location: 157-1
	Link to join meeting: https://us05web.zoom.us/j/88130820378?pwd=hsHfyHyxZcQ8rDWNH8esCoXIYodVCm.1		
12:30-14:00	Lunch break		
14:00-14:30	Meeting of the members of the expert commission with representatives of the management of the institution and management of the organisational component to communicate the conclusions of the evaluation process.	ARACIS expert evaluation commission: Dulău Mircea and Radu Alexandru, online. Maistrenko Oleksandr and Kalimulin Temir, on-site (KPI). Representatives of the institution.	KPI, Room/Location: 157-1



ROMANIAN AGENCY FOR QUALITY ASSURANCE IN HIGHER EDUCATION

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Time interval	Activity	Participants	Location and participants list
	Recorded meeting.		
14:30-15:00	Backup time for 3rd day (in case of technical problems or alarms).		

Mircea Dulău

Kateryna Drozdenko