

APPROVED  
by decision of the Board  
"International Information  
Technology University"  
Joint Stock Company  
from June 06 , 2024  
(Minutes No. 18/24)

**RULES**  
**DETERMINING THE LEVEL OF THE ENGLISH LANGUAGE,  
CONDUCTING ADDITIONAL EXAMS AND INTERVIEWS FOR  
APPLICANTS TO EDUCATION PROGRAMS (BACHELOR'S  
DEGREE) OF THE "INTERNATIONAL INFORMATION  
TECHNOLOGY UNIVERSITY" JOINT-STOCK COMPANY  
2024–2025 ACADEMIC YEAR**

**R -40**

**Edition 3**

	<b>Job Title</b>	<b>Surname and Initials</b>	<b>Signature</b>
Developed by	Executive Secretary of the Admissions Committee	Mukhamediyeva A. G.	_____
Agreed	Vice-Rector for Academic Affairs	Mustafina A. K.	_____
Agreed	Vice-Rector for Digitalization and Innovation	Duzbayev N. T.	_____
Agreed	Vice-Rector for Global Partnership and Further Education	Daineko Ye. A.	_____
Agreed	Vice-Rector for Research	Kolesnikova Ye.V.	_____
Agreed	Vice-Rector for Educational Work and Social Affairs	Dyusebayev D.K.	_____
Agreed	Director of the Legal Department	Tynystanbekova A. Z.	_____
Agreed	Director of the Department of Human Resources and Documentation Management	Sungurova S. E.	_____
Agreed	QMS Expert	Kezhembayeva Zh.K.	_____

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## 1 ABBREVIATIONS

MOSHE RK – Ministry of Science and Higher Education of the Republic of Kazakhstan

GEP – group of education programs

MCI – monthly calculation index

UNT – Unified National Test

Standard rules - Standard rules for admission to study in educational organizations implementing education programs of higher education and postgraduate education, approved by the order of the Minister of Education and Science of the Republic of Kazakhstan dated October 31, 2018, No. 600 (as amended in accordance with the Order of the Minister of MSHE RK No. 212 dated 03.05.2024).

EP – education program

## 2 GENERAL PROVISIONS

Upon admission to International Information Technology University JSC (hereinafter referred to as the University), applicants, in accordance with the decision of the Academic Council (Minutes No. 10 dated May 30, 2024), take exams in the form of test to determine the level of the English language.

Applicants to education programs of IITU JSC in related areas of training higher education personnel, providing for shortened periods of study, for paid education and for a second higher education, in addition to the above-mentioned exam, take exams in the form of test in specialized subjects and undergo an interview.

Exams to determine applicants' level in English and specialized subjects are conducted in the form of computer test.

Additional exams for applicants to education programs of IITU JSC in related areas of training higher education personnel, providing for shortened periods of study, paid training is provided in the following forms and disciplines (table 1):

Table 1. List of additional exams

No.	Additional exams	Exam form	Group of Education Programs
1	Fundamentals of Economics	Computer test	B044 - Management and Administration
2	Organization Finances	Computer test	B046 - Finance, Economics, Banking and Insurance
3	Electronics and Circuit Design Basics	Computer test	B059 - Communications and Communication Technologies
4	Fundamentals of Algorithms and Programming and Informatics	Computer test	B057 – Information Technology
5	Informational Security Basics	Computer test	B058 – Information Safety
6	Creative Exam	Oral	B042 – Journalism and Reporting

## 3 ENGLISH LANGUAGE TEST

English language test is conducted for applicants to the following groups of education programs :

B 044 – Management and Administration

B 046 – Finance, Economics, Banking and Insurance

B 057 – Information Technology

B 058 – Information Security

The exam is held daily on weekdays, according to the approved schedule. The exam results are automatically recorded in the electronic system, indicating the points received. Applicants with an IELTS certificate with a result of at least 5.0 are exempt from the English language exam.

Applicants who provide one of the following certificates of English language proficiency are exempt from this exam:

- IELTS – not less than 5.0 points;
- TOEFL ITP – not less than 460 points;
- TOEFL IBT – not less than 46–59 points;
- University certificate of the English language exam - not less than 30 points out of 50 (60%);
- Certificate of completion of the course "IITU Academic English Course " at the University's language center "LINGUA";
- Certificate of "KBTU" JSC on passing internal entrance examinations
- Certificate of Astana IT LLP on passing internal entrance exams
- Certificates of completion of courses on the programs of internal entrance examinations at KBTU JSC or Astana IT LLP.

Applicants who scored **below 60%** of the maximum score in the Exam, in order to submit documents to IITU JSC, must take an intensive (offline or online) English course at the Lingua language center to improve their English skills. After completing the course, they will have an opportunity to retake the exam.

#### **4 TEST ON FUNDAMENTALS OF ECONOMICS**

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The examination in Fundamentals of Economics is conducted for applicants to the shortened program of study in a related direction in the group of education programs B044 - Management and Administration.

The exam is held daily on weekdays, according to the approved schedule and includes the following topics:

- Management as a Business
- History of Management
- Organization as an Object of Management
- Communication and Control
- Managerial Decisions in Management
- Strategic and Tactical Planning in the Management System
- Organization as a Function of Management
- Leadership as a Function of Management
- Control in the Management System
- Human Resource Management and Group Management
- Basics of Leadership and Leadership Style
- Influence and Power
- Basics of Conflict Theory

Based on the test results, a Minutes is drawn up indicating the points received.

Applicants who score **below 50%** of the maximum score on the exam are not accepted into IITU JSC as students for paid education.

#### **5 TEST ON ORGANIZATION'S FINANCES**

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The examination in the organization's finances is conducted for applicants to the shortened education program in the related group of education programs B046 - Finance, Economics, Banking and Insurance.

The exam is held daily on weekdays, according to the approved schedule and includes the following topics:

- Financial Environment
- Commercial Organizations and Financial Data
- Time Value of Money: Single Cash Flow Analysis
- Time Value of Money: Annuity Cash Flow Analysis
- Bonds Rating

- Shares Rating
- Financial Markets and Institutions
- Characteristics of Risk and Income
- Risk Rating and Income
- Financial Analysis and Long-Term Financial Planning
- Analysis of Capital Budget
- Capital Structure and Capital Cost

Based on the test results, a Minutes is drawn up indicating the points received.

Applicants who score **below 50%** of the maximum score on the exam are not accepted into IITU JSC as students for paid education.

## **6 TEST ON ELECTRONICS AND CIRCUIT DESIGN BASICS**

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The exam in electronics and fundamentals of circuit design is conducted for applicants to the shortened education program in a related direction in the group of education programs B059 - Communications and Communication Technologies.

The exam is held daily on weekdays, according to the approved schedule and includes the following topics:

- Physical Basics of Electronics
- Electrophysical Properties of Semiconductors
- Optical and Photoelectric Phenomena in Semiconductors
- Semiconductor Resistors, Their Parameters and Characteristics
- Semiconductor Diodes, Their Parameters, Characteristics and Connection Circuits
- Bipolar Transistors, Their Parameters, Characteristics and Connection Diagrams
- Field-Effect Transistors, Their Parameters, Characteristics and Connection Diagrams
- Thyristors, Their Parameters, Characteristics and Connection Diagrams
- Optoelectronic Semiconductor Devices, Their Parameters, Characteristics and Connection Circuits
- Classification of Amplifiers

Based on the test results, a Minutes is drawn up indicating the points received.

Applicants who score **below 50%** of the maximum score on the exam are not accepted into IITU JSC as students for paid education.

## **7 TEST ON THE FUNDAMENTALS OF ALGORITHMS AND PROGRAMMING AND INFORMATICS**

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Test on the Fundamentals of Algorithms and Programming and Informatics (hereinafter referred to as the Computer Science Exam) is conducted for applicants to the following groups of education programs:

- B057 – Information Technology
- B058 – Information Security

The Computer Science exam is held daily on weekdays, according to the approved schedule and includes the following topics:

- Introduction to Computers Systems;
- Operating Systems;
- Basics of Computer Networks;
- Algorithms and Programs;
- Number Systems and Operations with Them;
- Variables (Declaration, Local , Global);

- Input / Output ;
- Assignment Statements;
- Conditional Statements;
- Cycles;
- Introduction to Arrays, Subroutines, Procedures and Functions.

The exam results are automatically recorded in the electronic system, indicating the points received.

Applicants who scored **below 50%** of the maximum score on the Exam must take an intensive programming course at the “IT Foundation” preparatory center to improve your knowledge of programming fundamentals to submit documents to IITU JSC. After passing the course they will have an opportunity to retake the exam.

## **8 TEST ON INFORMATION SECURITY BASICS**

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The examination in Information Security Basics is conducted for applicants to the shortened education program in a related field in the group of education programs B058 - Information Security.

The exam is held daily on weekdays, according to the approved schedule and includes the following topics:

- Definition of Informational Security
- System of Informational Security
- Objects of Protection in Concepts of Information Security
- Categories and Information Means
- Information Security Means
- Formal Means of Protection
- Informal Means of Protection

Based on the test results, a Minutes is drawn up indicating the points received.

Applicants who score **below 50%** of the maximum score on the exam are not accepted into IITU JSC as students for paid education.

## **9 CREATIVE EXAM**

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The creative exam is conducted for applicants to the group of education programs B042 – Journalism and Reporting.

The examination format is oral exam.

The creative examination is conducted in accordance with the Program for conducting creative examinations.

The program of creative examinations is available at the following address:  
<https://www.iitu.edu.kz>

The creative exam is held from July 7 to August 15, 2024.

Detailed information on creative exams is provided in the creative exam program.