



Financial Literacy and Economics: Technical Instruction

Introduction

Financial Literacy and Economics parts will be held in the form of an online proctored exam. Below you will find technical instructions that will enable you to make your online experience of the IEO 2021 as comfortable as possible.

Online proctored exams schedule:

July 21, 12:00 UTC – July 23, 12:00 UTC – Technical Test

July 27, 12:00-14:00 UTC – Financial Literacy

July 28, 12:00-16:25 UTC – Economics

Registration

You will be sent an email containing your login and password by July 20. Use these data to log in on the IEO Moodle platform edu.lu.lv/ieo2021. Confirm your registration by changing the password and complete your profile.

System Requirements

Online proctored exam delivery can be disrupted by proxy servers, network packet inspection/filtering, or strict network security configurations. Some antivirus software can cause performance issues. Please disable antivirus scanning while taking your exam. You may need to ensure that your security software does not block cookies and the execution of JavaScript.

During IEO, you will have to use cameras of two devices (a computer/laptop and a mobile phone). You will need your ID card to enter the session.



Minimum requirements

Operating system (computer / laptop)	Windows 10 (Home, Pro, Enterprise, and Education editions are supported) Windows 8/8.1 (32-bit and 64-bit) (all editions) Windows 7 (32-bit and 64-bit) (all editions) macOS 10.12 "Sierra" or newer Microsoft Surface Pro 4 is supported in notebook mode only.
Operating system (mobile phone)	Android 4.4 / iOS 12
Internet connection	Broadband (DSL, cable, or LAN/WLAN): 256 kbps up/down Dial-up Internet connections are not supported.
Network connection	Wired or wireless networks may be used.
Internet browser (mobile phone)	Google Chrome (Android) / Safari (IOS)
Internet browsers (computer/laptop)	Google Chrome
Browser extension	The browser extension is required for screen sharing in Chrome before '72 version: https://chrome.google.com/webstore/detail/figemdocndmhihkhndklnhdghhenflfo
Browser settings	Internet cookies must be enabled. JavaScript must be enabled.
Webcam	Webcam must have a minimum resolution of 640x480 @ 15 fps. Webcam may be internal or may be external and connected to the computer.

Sound and microphone	Headsets with audio and microphone are acceptable as sound input devices. Built-in microphones are acceptable, as are external microphones. Headphones or speakers are acceptable as sound input devices. Note: Verify that the audio and microphone are not set on Mute.
Additional software	Some security software programs, like antivirus or Internet security software, can disrupt exam delivery and may need to be disabled.

Prior to your exam, **complete the required [system test](#)** on the same computer and in the same location you will participate in the test from.

Prepare for Rounds

To get acquainted with the rules of the exam, please watch the [instructional video](#).

Before your exam, make sure you have a **steady** internet connection. Also, ensure:



Your room is well-lit



You are alone*



Your cam is well-positioned



You have organized a place for your second camera



The batteries of your devices are fully charged



You have switched off all notifications

*unless you take part in the round [in one room with other team members](#).

Please use a phone tripod or create a stable construction with other items that will support your smartphone in the right position. Make sure that the battery of your smartphone is fully charged: if possible, leave it on the charger.

Switch off all notifications: if possible, uninstall irrelevant software such as messaging applications. Restrict calls and other disturbing functions.

To see the interface of an online proctored exam, you may pass a demo test on proctorededu.com. Please note that the demo test provided on this website only involves one camera use: during the IEO 2021, you will be asked to switch on the second camera. To do so, you will have to scan the QR-code that appears on the screen at the beginning of the exam (make sure your phone has a QR-code reader installed; otherwise install an application).

In case you have trouble with configuration, turn to [F.A.Q](#) that contains solutions to the most common problems.

During Financial Literacy Game

To start the exam, log in on edu.lu.lv/ieo2021 and open the test with the appropriate name. Press it to start. You will see the tasks after you complete the configuration of your devices suggested by the proctoring service.

For Financial Literacy Game, you will receive your personal login and password via email: please insert this data after opening the webpage from the “Financial Literacy Game” test on edu.lu.lv/ieo2021. You can only use **the latest version of the Google Chrome browser**. It is recommended to play the Demo version of the game before the competition.

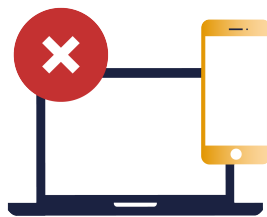
The only **webpage you are allowed to visit** during Financial Literacy Game is: Online calculator – geogebra.org/calculator

You may use a printed version of the table of game coefficients. You are allowed to use blank sheets of paper to make written notes.

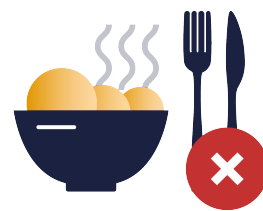
Also, ensure:



No talking or singing



No extra devices



No breaks (toilet, food, etc.)

During the exam, you will be able to communicate with your proctor in the chat in case there are technical issues. You are not allowed to ask questions regarding the content of the Olympiad.

You may have snacks (chocolate, fruit etc.) and water during the round – make sure that the wrapping is off.

After you complete the test and submit your answers, you may finish your proctoring session on the laptop/computer: it will switch off on your mobile device automatically.

During Economics

To start the exam, log in on edu.lu.lv/ieo2021 and open the test with the appropriate name. Press “start attempt” to begin. You will see the tasks after you complete the configuration of your devices suggested by the proctoring service.

The only **webpages you are allowed to visit** during Economics Part are:

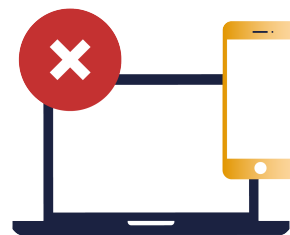
Dictionary – translate.google.com

Online calculator – geogebra.org/calculator

Also, ensure:



No talking or singing



No extra devices

You will see the tasks in the following order:

1. **20 multiple-choice questions (80 minutes)**
2. **5 open questions (155 minutes)**

Between the two parts, you will have **a 30-minute break** to cover your physical needs. You will **not** be able to go back to multiple-choice questions after you have taken your break; you will **not** be able to have a break while working on questions. Make sure you have checked your answers before submitting the solutions.

During the exam, you will be able to communicate with your proctor in the chat in case there are technical issues. You are not allowed to ask questions regarding the content of the Olympiad.

You may have snacks (chocolate, fruit etc.) and water during the round – make sure that the wrapping is off.

You are allowed to use blank sheets of paper to make written notes.

After you complete the test and submit your answers, you may finish your proctoring session on the laptop/computer: it will switch off on your mobile device automatically.

Technical issues

In case there are technical issues that prevent the participant from completing the test (connection/electricity failure), the Jury assesses the results received before the participant left the system.

To avoid technical issues, follow the recommendations:

- 1) Check your equipment according to the instructions in “Minimum Requirements”;
- 2) Complete the Technical Test and play the Demo version of the Financial Literacy Game in order to learn the interface and the general functions of the suggested platforms;
- 3) Use fully-charged devices: if possible, leave them on the charger for the whole duration of the exam;
- 4) If possible, use a laptop and not a computer in order to prevent being disconnected from the network due to electricity shortcuts and/or any similar problems.