

## Technical requirements for remote-learning classes

Toyo University prepares materials and requires students to submit reports using Word, Excel, and PowerPoint in consideration of the fact that these apps are now de facto standard business tools in Japan. Accordingly, you are required to have a Windows-based computer of your own to participate in remote-learning classes.

A computer room is available on the campuses. However, for remote learning, use of a computer for an extended period of time will be necessary. Therefore, it is advisable that you prepare your own computer for remote learning at home. While smartphones allow you to view materials and videos, they are not fit for long hours of learning due to their limited screen size and compromised screen resolution. Furthermore, iPads and other devices with no keyboard requiring direct screen entry are also not suitable for writing long essays and reports.

If you have a Mac or a Chrome Book and are familiar with such devices, including for data conversion, there is no problem in employing them for remote-learning classes, including for the submission of reports. However, if you are not familiar with them, you will need to use a Windows-based computer.

Laptops are recommended considering that you will very likely need to bring in your computer to the campus.

The devices you will need to prepare for remote-learning classes can be summarized as follows.

### **【Recommended device/network environment】**

(Recommendation of Information Systems Section)

#### 1. A laptop computer (Antivirus software (of any type) must be installed)

OS	Windows10 (64 Bit)
CPU	Intel Core i5 or faster
Storage	SSD 256 GB or more
Memory	16 GB or more
Screen resolution	Full HD (1920x1080) or higher
Wi-Fi	IEEE 802.11 a/b/g/n/ac
Accessories	Webcam, Bluetooth, HDMI, USB3.1 GEN1 or later

#### 2. Headsets

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While many computers are equipped with speakers and a microphone, using a headset is recommended for remote-learning classes due to audio quality reasons. Headsets are particularly required in language courses to improve listening and speaking skills.

### 3. Network

With the volume of data online ever-increasing, a network without limitation on data traffic and with a minimum upload/download speed of 10 Mbps even when the network is congested is required. If you opt for a fiber optic cable, a contract speed of at least 1 Gbps is desired.