



Technical specification: Professional Level remotely invigilated exams

The Remote Invigilation system requires students to have **both**:

1. a Microsoft Windows PC / Apple Mac / Linux device; and
2. a mobile device, eg, smartphone.

| Requirement | Minimum specification |
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| PC or other hardware specification | <p>PC or LAPTOP:</p> <ul style="list-style-type: none">• Operating system:<ul style="list-style-type: none">○ PC: Microsoft Windows 8 or higher;○ Mac: OS X or higher; and Linux: 64-bit Ubuntu 14.04+, Debian 8+, openSUSE 13.3+, or Fedora Linux 24+• Web browser: Latest version of Google Chrome• Webcam required: maximum resolution of 1280 X 720 with max frame rate of 30 frames per second• Microphone required• Audio required• Screen resolution: 1440 X 900• Remote Invigilation Google Chrome Plugin <p>In addition, for a good experience (to prevent additional scrolling):</p> <ul style="list-style-type: none">• Screen minimum resolution: 1366 x 768 pixels• Screen recommended minimum size: 13 inch• Keyboard: wired or wireless <p>MOBILE DEVICE:</p> <ul style="list-style-type: none">• Operating system: Android: 4.1 or higher or Apple iOS 8.0 or higher• Wi-Fi connected smartphone• Video resolution must be minimum: 800 X 600 px• Remote Invigilation app must be installed <p>Non compatible mobile phones:</p> <ul style="list-style-type: none">• Huawei P30, Samsung Galaxy A3 (2016), Google Pixel 3 and newer are not compatible with the app. |

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| Internet bandwidth | <p>The minimum bandwidth required for the Remote Invigilation session is 2.5Mbps.</p> <p>The recommended bandwidth required for the Remote Invigilation session is 2.8mbps on top of the bandwidth requirements for the exam system.</p> |
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| | Wi-Fi is supported but we would recommend a fixed internet connection to the student's device. Tethering to a mobile phone/hot spot is not supported. |
| Software to be locally installed | None. The Remote Invigilation Google Chrome Plug-in will be installed automatically when the student accesses the log in page. The student will then need to give permission for the installation. On a mobile device the Remote Invigilation app must be installed. |