Proctorio

Proctorio is an online automated invigilation service integrated with Canvas that offers remote proctoring so students can take Canvas exams from anywhere. With Proctorio, each student's exam session is monitored by recording video and audio, along with screen and keyboard activity, during the exam to try to ensure exam integrity. While writing an exam, students are prevented from accessing other applications, websites, or browser tabs. Students go through an authentication process before they start an exam, so there is no need to have them pre-register for specific exams. The Proctorio software analyzes the recording and flags potential issues for instructor review, so instructors have the final decision on whether the activity constitutes misconduct. No Proctorio staff can access the recordings during or after the exam sessions; the recordings are assessed solely by the Proctorio algorithms and the course's instructor and instructional team.

WHAT TOOLS CAN I USE PROCTORIO WITH?

Proctorio is integrated with Canvas and uses the Canvas interface, meaning instructors and students can access Proctorio directly from Canvas once it is enabled. Instructors need to create their exams in Canvas to be able to use Proctorio to invigilate them.

WHAT IS REQUIRED TO USE PROCTORIO?

Proctorio requires the instructional team (instructors and their TAs) and students to use the latest Google Chrome browser with the Proctorio Chrome extension installed. Both are freely available online. Exams recorded by Proctorio must be created and delivered in Canvas.

An important requirement for students is that they must take a Proctorio exam on a desktop or full laptop computer (tablets or smartphones are not allowed) which has a working web camera and microphone. They must also complete the exam in a private location with a good Internet connection.

Because of the technical requirements for students, we strongly suggest all students be required to complete a Proctorio practice exam well in advance (a minimum one week) of their actual exam to identify and resolve any issues in a timely manner.

HOW DOES PROCTORIO GUARANTEE PRIVACY AND SECURITY?

After students complete a Proctorio exam, the instructor and the instructional team will want to review the Proctorio recordings. Proctorio uses a flexible collection of settings to assign exams with potentially problematic activity a high/moderate/low (red/yellow/green) risk score. The sensitivity of all of these measures can be adjusted on-the-fly depending on instructor preference, even after the exam has taken place. Higher sensitivity settings will result in more red-flagged videos. Instructors and the instructional team can then choose how and how many of the recordings to review based on their pedagogical approach and general comfort level with online exams.

WHAT KIND OF TIME COMMITMENT IS REQUIRED TO REVIEW PROCTORIO RECORDINGS?

The time to review Proctorio recordings varies depending on the sensitivity chosen for Proctorio's settings (which determine the total number of recordings one would review) and how an instructor
chooses to review flagged videos. Instructors could choose to review each and every recording. In practice, we suggest adjusting the sensitivity of the various measures in Proctorio so that approximately 20% of exams are classified as high risk and then reviewing that 20% based on the in-video flags. (Proctorio can jump reviewers to the section of the recording it has determined involves potentially problematic activity.) Spot checks on unflagged or lower-risk recordings are also recommended. An experienced reviewer will spend approximately 10 minutes reviewing a high-risk recording's flagged activity and will need a private location in which to do so to maintain the confidentiality of student recordings.