



# Remote Proctoring for Instructors

This guide provides support for instructors considering implementing proctored online exams. It provides a starting point to help determine if proctored exams are appropriate and outlines important considerations for their use. To continue the conversation on this topic, visit the [Remote Proctoring for Instructors Discussion Forum thread](#).

## Reasons for using remote proctoring

- Supports students in making the right choices about academic integrity by reducing the influence of [misconduct rationalization and opportunity](#)
- Ensures fairness for all students during individual assessments by doing two things:
  - Discouraging the use of unauthorized aids
  - Discouraging unauthorized collaboration
- Protects the confidentiality of exam questions by reducing the sharing of questions within a cohort writing at staggered times or across cohorts

## Does your institution support remote proctoring?

- Remote proctoring is generally achieved either through the use of specialized software or services<sup>1</sup>, or by real-time observation via a video-based collaboration tool (e.g. Zoom)
- Not all institutions allow remote proctoring
- Due to privacy laws, only use applications or methods provided and permitted by your school

<sup>1</sup> e.g. Examity; Proctorio; Proctortrack; ProctorU;

## Choose your proctoring approach

Method and Examples	Pros	Cons
<b>Commercial proctoring software or service:</b> various services including fully automatic AI driven, live authentication and proctoring, or a hybrid	<ul style="list-style-type: none"> <li>• Record of activity available for post-processing</li> <li>• Lockdown browser option</li> <li>• Students don't see each other</li> <li>• Scalable</li> </ul>	<ul style="list-style-type: none"> <li>• Requires camera, microphone, reliable internet connection</li> <li>• May not be available in some countries or compatible with some accessibility accommodations or software</li> <li>• Student privacy concerns</li> </ul>
<b>Real-time observation:</b> In-house solution using video collaboration tools such as Zoom	<ul style="list-style-type: none"> <li>• No recording of biometric data</li> <li>• Immediate intervention upon detection of suspicious activity</li> </ul>	<ul style="list-style-type: none"> <li>• Requires camera, microphone, reliable internet connection</li> <li>• Students can see each other</li> <li>• ID checking creates privacy risks, <a href="#">set up and exam start</a> complicated</li> <li>• Need at least 1 observer for each 16-32 students</li> </ul>
<b>No proctoring:</b> use of integrity pledge alone	<ul style="list-style-type: none"> <li>• No student concerns about privacy</li> <li>• Easy to implement, scalable</li> <li>• No special equipment required</li> </ul>	<ul style="list-style-type: none"> <li>• Unknown compliance rate</li> <li>• Student concern about potential misconduct is unresolved</li> </ul>

## Suggestions for Addressing Common Student Concerns\*

**Data Privacy** including the collection and storage of personal data, video images, screen capture, and computer content:

- Let students know where data will be stored, how it will be used, and who will view it.
- Assure students that only instructors make decisions about academic integrity.
- Follow institutional guidelines.

**Personal Privacy** if viewing or recording causes discomfort:

- Allow students to sit with back to wall, avoid room scan.
- Assure students that most automatic proctoring recordings are never viewed.
- Do not record live invigilation.
- Protect student identity during student id checks.

\*See: [Assessment Guidebook](#) for more helpful tips

**Feelings of anxiousness** for students who find being watched online more disconcerting than in-person invigilation:

- Use practice assessments to help students adapt.
- Students with accessibility accommodations may need special consideration or alternative solutions.

**Technology** issues negatively impacting assessment:

- Inform students in advance of technology requirements.
- Connect students to campus tech bursary programs.
- Have a backup plan for students who cannot access tests successfully.
- Provide extra time on tests for connection issues.
- Use staggered starts and allow reconnection during tests.

### Use cases

Question style	Question security	Unauthorized materials	Unauthorized collaboration	Notes
Multiple choice, text entry	●	●	●	Any high level question style, no calculations or rough work required
Critique/Analysis	●	●	●	e.g. <a href="#">spot the error</a>
Closed book long answer (written work expected but only final answer entered and auto graded)	◎ ○	◎	●	Question security drops if a cohort is writing at staggered times
Closed book long answer (graded work)	◎ ○	◎	◎	Question security drops if a cohort is writing at staggered times
Open book (selected materials)	○	○	●	Unauthorized print materials harder to detect
Open book (unlimited resources)	●	---	○	Useful for reducing real-time collusion by preventing discussion
Legend: ● Excellent ◎ Good ○ Fair ● Poor				