Rotman | Digital

Agenda

01 What is Rotman Digital?

02 Academic Toolbox

03 EdTech Tool Overview

04 Discussion

Rotman Digital’s role is to provide support to Rotman faculty and staff on the design and development of online courses. This includes instructional design, application of learning science, implementation of educational technology, advanced Quercus functionality, and more.

Providing our expertise and support to faculty and staff ensures that Rotman students receive a consistent, high quality learning experience.

Rotman | Digital

Our Role

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Jeff Quinlan

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The University of Toronto

Academic Toolbox Categories and Tools 2024–2025

UNIVERSITY OF TORONTO | Academic, Research & Collaborative Technologies (ARC)

Visit the following links to get started with the U of T Academic Toolbox. Tools listed are Quercus-integrated unless indicated with an asterisk (*).

- Quercus Quick Guide
- Microsoft 365 Tools*
- Generative AI Tools*

Building, Organizing, and Maintaining Your Course

Course Administration

- Quercus Class List
- Quercus Copy Content from Another Course in Quercus
- Quercus Cross-Listing
- Quercus Download Student Emails
- Quercus How to Add People
- Quercus Mobile Apps

Content Development

- Microsoft 365 OneDrive – Access and Share Files
- Quercus Modules and Pages
- Quercus Redirect Tool
- Quercus Rich Content Editor
- Quercus Rich Content Editor Icon Maker
- Quercus Sandbox Course

Multimedia Content

- Captioning Videos*
- Microsoft Stream Video Hosting*
- Microsoft Teams Video Recording*
- MyMedia Hosting and Sharing*
- Opencast
- Quercus Rich Media Files – Videos and Pictures
- Snagit*

Library and Publisher Apps

- Library Reading List
- Library Resources
- McGraw-Hill Connect
- Pearson MyLab and Mastering
- WileyPLUS
- Willo Labs

Discipline-Specific Apps

- JupyterHub*
- Labster

Connecting, Communicating, and Collaborating with Your Students

Communication Tools

- Quercus Announcements
- Quercus Download Student Emails
- Quercus Inbox
- Quercus Notifications

Collaborative (or Collaboration) Tools

- Hypothesis
- Microsoft 365 OneDrive Collaborations
- Microsoft Whiteboard*
- Quercus Course Page as a Wiki
- Quercus Groups

Discussion Tools

- PeppeR
- Piazza
- Quercus Discussions

Student Response Tools

- iClicker

Online Meeting Tools

- Microsoft Teams Meetings
- Zoom*
- Zoom – Quercus Integration

Assessing Student Work and Providing Feedback

Assignments, Quizzes, and Tests

- Crowdmark
- Gradescope
- Microsoft 365 OneDrive Assignments
- Plagiarism Review – Turnitin
- Quercus Assignments
- Quercus Gradebook
- Quercus Quizzes
- Quercus Rubrics
- Quercus SpeedGrader
- Quizzical
- Remark*
- UT Optical Mark Recognition Grade Upload
- WeBWork

Group and Peer Assessment

- peerScholar
- Team Up!

Designing and Fostering Accessible and Inclusive Teaching and Learning

Accessibility Checkers

- Microsoft Accessibility Checker*
- Quercus Accessibility Checker

Multimodal Engagement

- Microsoft Immersive Reader

Analyzing Teaching and Learning Data and Insights

Learning Progress

- Quercus ePortfolios
- Quercus Learning Outcomes

Learning Analytics

- Quercus Course Data and Reports
- Quercus New Analytics

Student Feedback and Course Evaluations

- Course Evaluations in Quercus

ACADEMIC TOOLBOX 2024

https://act.utoronto.ca/academic-toolbox/

How is the Toolbox Developed?

- Institutionally supported tools/integrations
- Divisional (sub-account) tools

The Rotman Family

- Rotman
- Rotman Commerce

https://act.utoronto.ca/academic-toolbox/

Respondus LockDown Browser

What is Respondus LockDown Browser?

Respondus LockDown Browser is a secure web browser that prevents test takers from accessing applications, printing, copying, or communicating during a Quercus quiz.

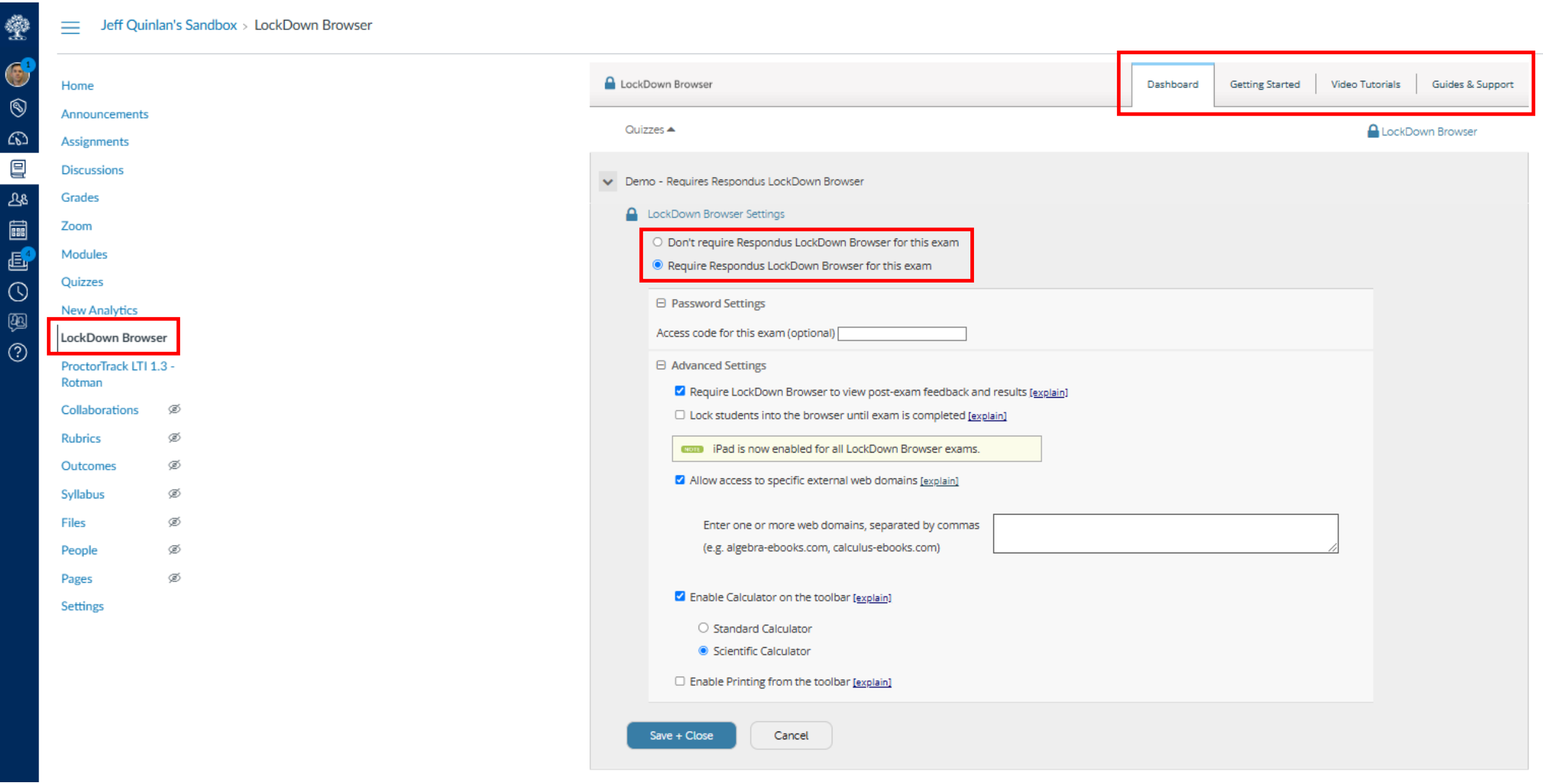
Respondus Features

- Addresses a long-standing need for an in-person, computer-based, secure test-taking environment.
- Quizzes created for use with LockDown Browser cannot be accessed with standard browsers.
- Instructors can allow certain exam aides. e.g. PDFs, web domains, spreadsheets, calculators, etc.
- Regularly updated for stability and to address security vulnerabilities.

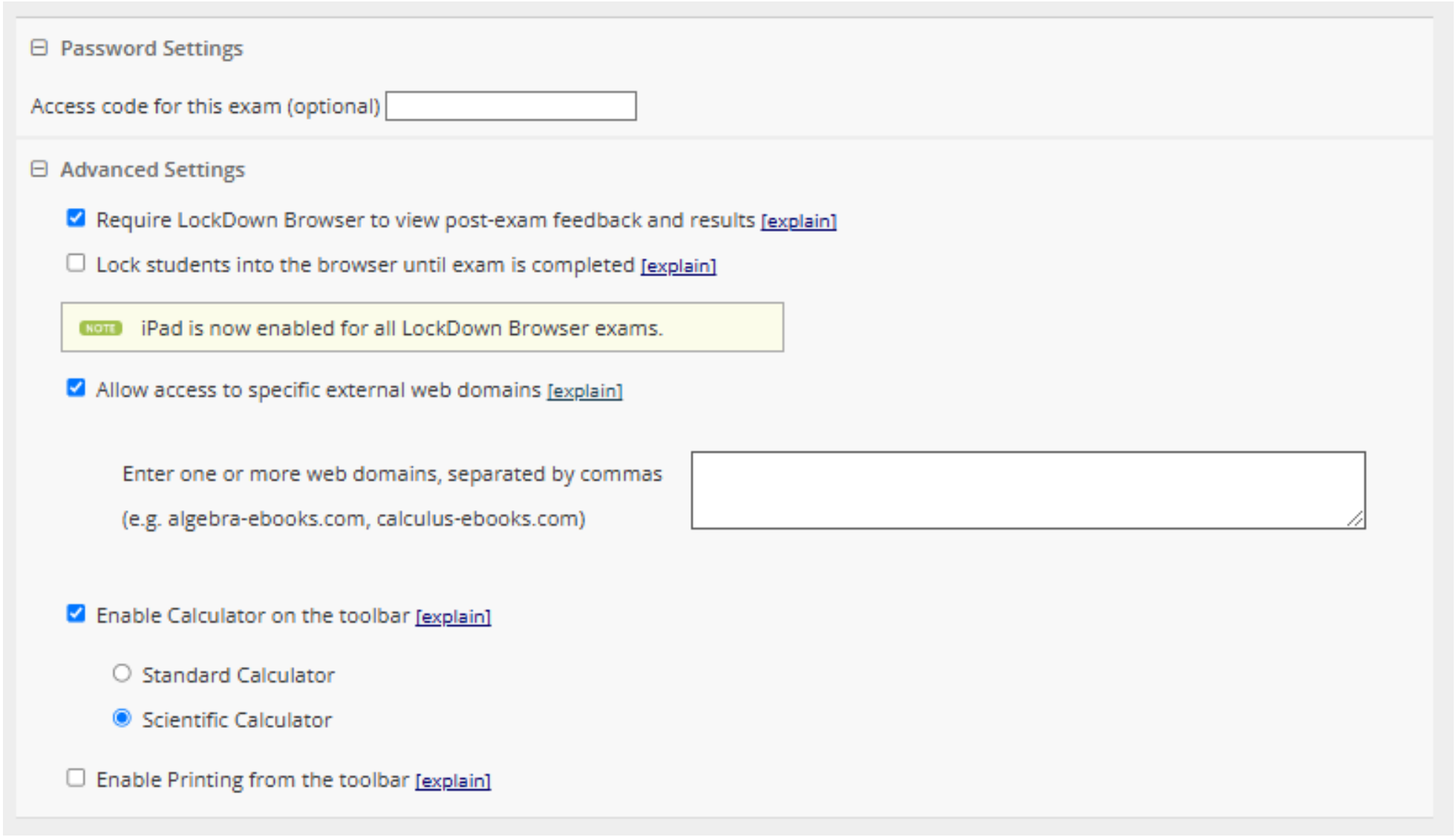
Respondus Limitations

- It is not a remote proctoring tool like ProctorU
- The “Excel” tool is limited to the point of being a glorified calculator.
- While individual web domains can be “allowed”, entire websites cannot be.
- Students cannot access files on their computers, so less useful for open-book exams. Files can be added to the exam itself by the instructor.

Quercus Integration



Quercus Integration



Respondus Resources

- Comprehensive Rotman Digital documentation.
- Respondus Knowledge Base.
- Requesting LockDown Browser for your assessment: Complete this form or email us at rotmandigital@rotman.utoronto.ca
- Student documentation can be found on the Hub in the Rotman Digital Toolbox tile.

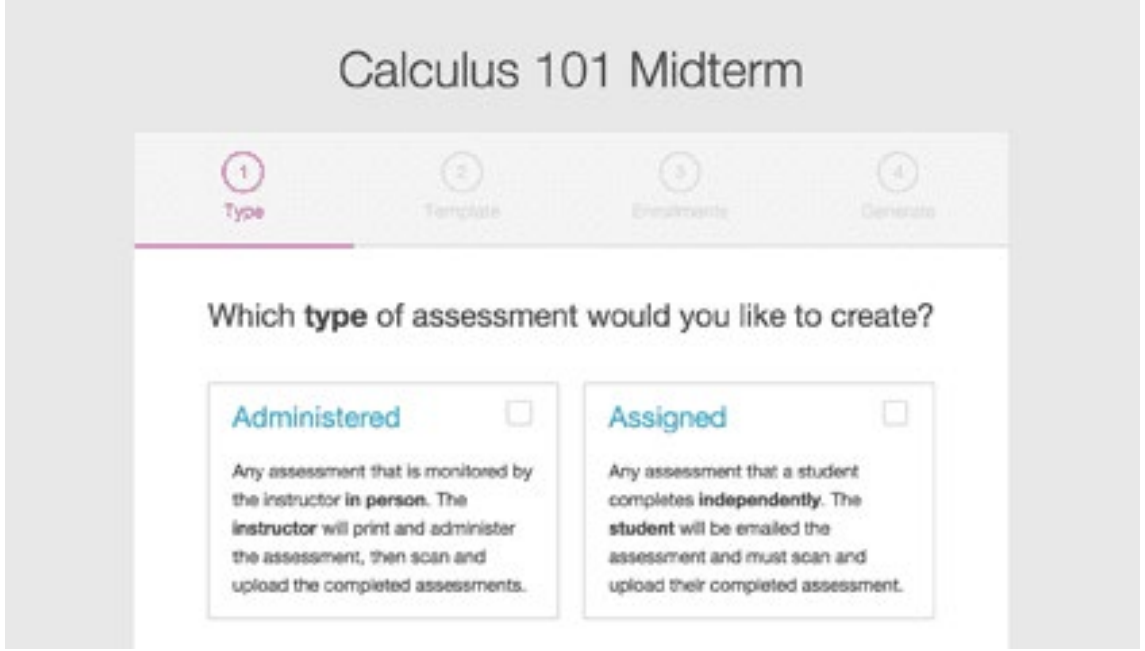
Crowdmark

What is Crowdmark?

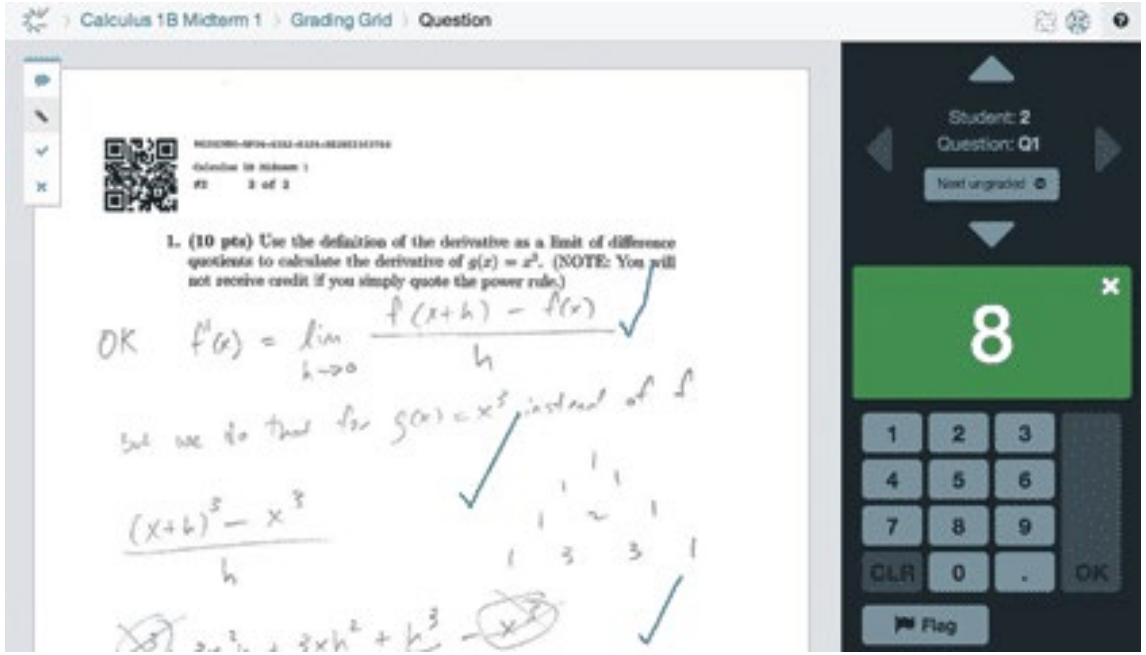
Crowdmark is an online collaborative grading tool that allows instructors to grade scanned paper exams on a digital platform

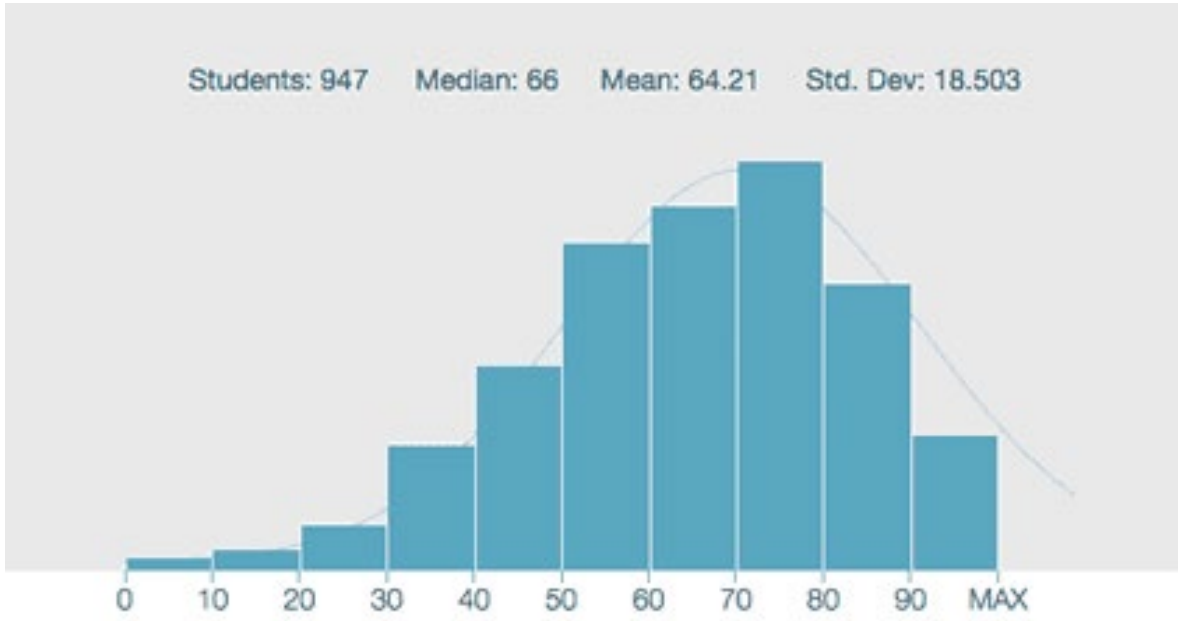
Crowdmark Workflow

1. **Set Up Assessment:** Generate and print exam booklets and distribute them to students.
2. **Upload Completed Work:** Instructors & the grading team will have to scan and upload student work. Each Crowdmark exam booklet page has a QR code to keep track of each student's exam.
3. **Grade and Return:** Leave feedback with Crowdmark's online grading tools and share frequently-used comments with your grading team. Grades can be returned to students online.
4. **Analyze Learning:** See detailed information about student performance on each question.


Calculus 101 Midterm
1
Type
2
Template
3
Enrollments
4
Generate
Which type of assessment would you like to create?
Administered
Any assessment that is monitored by the instructor in person. The instructor will print and administer the assessment, then scan and upload the completed assessments.
Assigned
Any assessment that a student completes independently. The student will be emailed the assessment and must scan and upload their completed assessment.

Drop your PDF or JPG files here
or click here to browse


Calculus 1B Midterm 1
Grading Grid
Question
Student: 2
Question: Q1
8
1 2 3
4 5 6
7 8 9
CLR 0 .
OK
Flag
1. (10 pts) Use the definition of the derivative as a limit of difference quotients to calculate the derivative of g(x) = x³. (NOTE: You will not receive credit if you simply quote the power rule.)


Students: 947
Median: 66
Mean: 64.21
Std. Dev: 18.503
0
10
20
30
40
50
60
70
80
90
MAX

Use Case for Crowdmark

The primary use case for Crowdmark is for large classes that have paper based exams.

Improved management of TA team during marking process for paper exams

- Can keep track of actual marking hours to ensure equity across TAs by end of course
- Improved communication: TA can ask about a paper via e-mail and instructor can see it

Instant return of students' work when marking is finished

- Do not need to delay until next class or tutorial
- Do not need to use class or tutorial time for administrative tasks

All students have secure access to their marked work organized by course

Crowdmark Resources

- Crowdmark Informational Page (Rotman Digital)
  - Rotman Digital's general overview of Crowdmark on our website.
- Crowdmark Scanning Guide (Rotman Digital)
  - Our detailed guide on the paper scanning workflow
- Crowdmark CTSI Guide (CTSI)
  - CTSI's Crowdmark Overview with UofT specific Information
- Crowdmark Documentation (Crowdmark)
  - Crowdmark's official documentation

Poll Everywhere

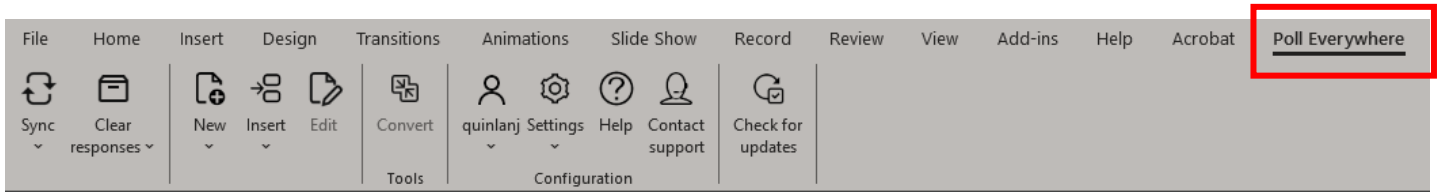
What is Poll Everywhere?

Poll Everywhere is available as a free download that easily integrates into your existing Powerpoint, Google Slides, and Keynote presentations. It allows you to embed polls into slides and progress through them as part of the natural flow of your class. Students can respond online in real time through their phones or computers and you can activate, lock, display poll results as needed.

Poll Everywhere Workflow

- Request access to the Rotman PE license.
  Email us at rotmandigital@rotman.utoronto.ca

- Create activities either on the web or via Powerpoint/Google Slides/Zoom/Slack integrations



- Dozens of activity types including m/c, word cloud, T/F, rankings, clickable image, open ended, competitions, etc.

Share your polling link with the class on-screen. Students can skip identifying themselves.

URL:
PollEv.com/quinlanj

Or QR code:

Rate your understanding of the concept we just discussed.

Very comfortable with the material.

0%

Need some additional examples to drive the point home.

0%

In general I get it, but still shaky on the details.

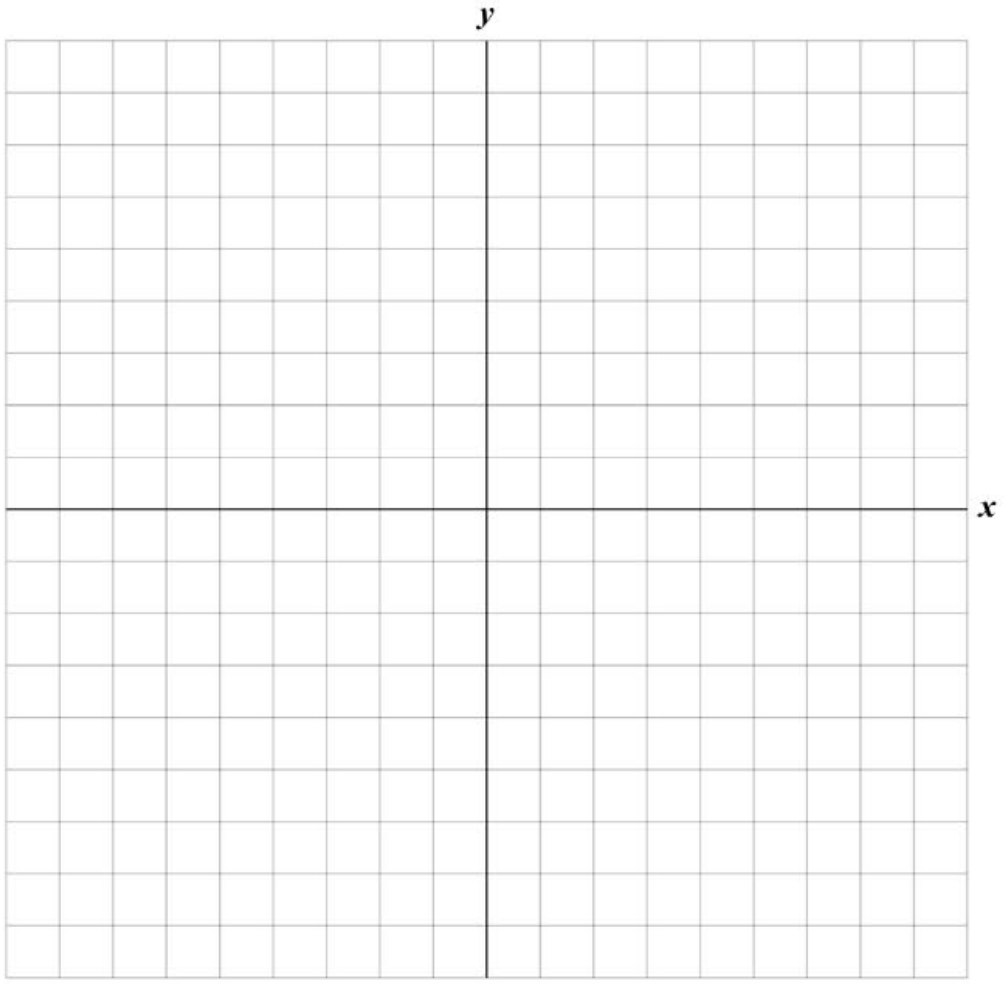
0%

Where am I right now??

0%

Start the presentation to see live content. For screen share software, share the entire screen. Get help at **pollev.com/app**

Rate this project in terms of urgency and importance. X = urgency (right quadrants are most urgent) and Y = importance (top quadrants are most important).



Start the presentation to see live content. For screen share software, share the entire screen. Get help at **pollev.com/app**

In a word or two, how would you describe your past week? (If you use multiple words, pop an underscore between them, like_this)

Nobody has responded yet.

Hang tight! Responses are coming in.

Start the presentation to see live content. For screen share software, share the entire screen. Get help at **pollev.com/app**

Poll Everywhere Resources

- Rotman Digital documentation
- Poll Everywhere instructor guide
- Case Studies
- Support from Poll Everywhere.

Hypothes.is

What is Hypothes.is?

Hypothes.is

A collaborative annotation tool for groups to annotate web pages, documents, and other digital content. Hypothes.is can be used in Quercus as a learning activity and/or an assessment.

Use Cases of Hypothes.is

Collaborative/Social Annotations on Readings/webpages

- Students can annotate a PDF and other students can see/respond/add to each other's contributions
- Students can engage with the text and eachother similar to a discussion board

Feedback or corrections on computer source code documents

- Instructors and other students can collaborate on code in Computer science classes
- Can make corrections, explanations, or observations on code

Add links to related content in the text

- Students can choose to include links to similar or related content in the text as well

Hypothes.is Demo

Hypothes.is Resources

- CTSI Hypothes.is Guide
  - CTSI's guide goes over how to enable, set-up, and grade using Hypothes.is

- 10 Ways to Annotate with Students
  - A blog entry by Hypothes.is with some ideas on how you can utilize the tool

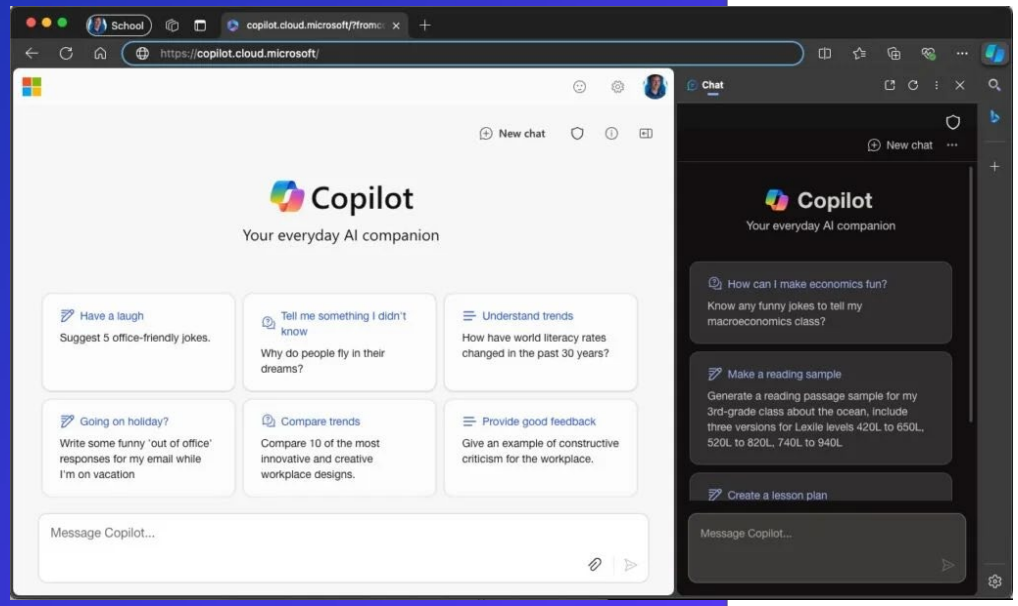
Microsoft Copilot

Copilot

What is Copilot

Copilot is UofT's institutionally-supported AI chatbot that provides detailed responses with footnotes that link back to original sources.

About Copilot



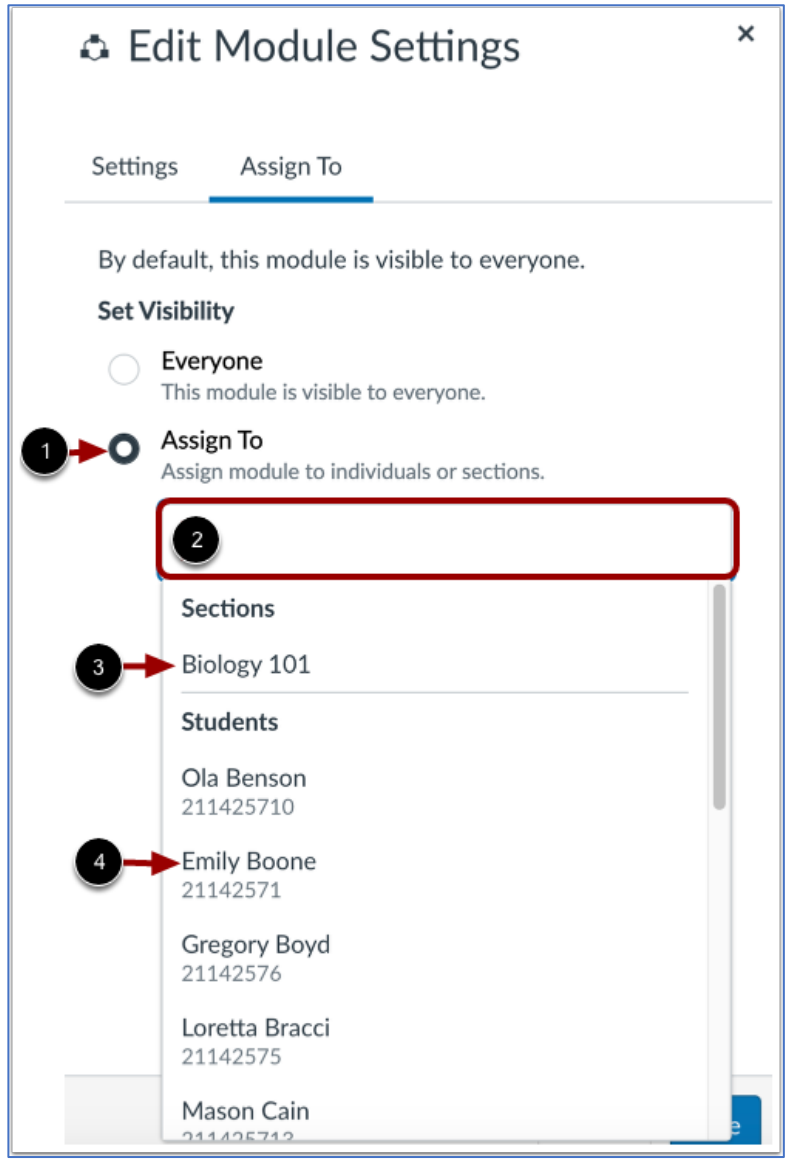
- Based on OpenAI models GPT-4 & DALL-E 3, offering image and text generation
- Works best on MS Edge
- Sign in with UofT email then UTORid credentials
- Uses web search and provides links to sources of information it quotes/finds.
- Chat data is **not** used to train models. The data is not available to Microsoft.
- Copilot cannot access your personal information.
- You can upload a local document file and ask contextual questions, (ex. “Make 10 quiz questions based on chapter 3 of this pdf”).
- **And much more!**

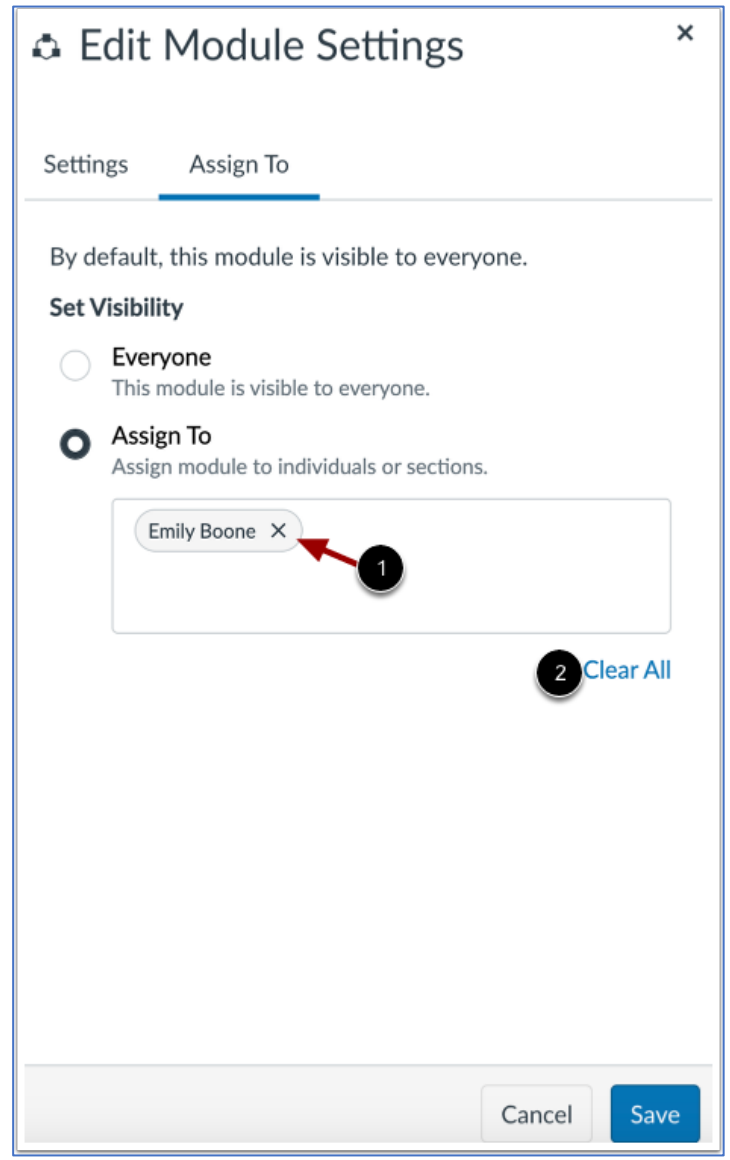
Microsoft Copilot Demo

Copilot Resources

- CTSI Copilot Guide
  - CTSI's comprehensive guide covers everything you need to know about Copilot
- Generative AI Tools
  - Also from CTSI, this guide discusses tools beyond UofT's institutional support, such as ChatGPT and the pros and cons of using them.

New Quercus Features: Assigning Modules & Pages


Edit Module Settings
Settings
Assign To
By default, this module is visible to everyone.
Set Visibility
Everyone
This module is visible to everyone.
Assign To
Assign module to individuals or sections.
1
2
Sections
3
Biology 101
Students
Ola Benson
211425710
4
Emily Boone
21142571
Gregory Boyd
21142576
Loretta Bracci
21142575
Mason Cain


Edit Module Settings
Settings
Assign To
By default, this module is visible to everyone.
Set Visibility
Everyone
This module is visible to everyone.
Assign To
Assign module to individuals or sections.
Emily Boone
1
2
Clear All
Cancel
Save

Discussion
Invitation to book a 1:1 session