INTRODUCTION TO GRADESCOPE
EXAMS/QUIZZES

Get to Know Gradescope Series

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LAND ACKNOWLEDGEMENT

While we are coming together today in a virtual space, it is important to recognize the physical space that connects us and brings us together. The University of Guelph is located within the Between the Lake Treaty (1792); the treaty lands and territory of the Mississaugas of the Credit. Today, this land continues to be home to diverse communities of First Nations, Inuit and Métis Peoples. By acknowledging the land, we reaffirm our commitment to decolonization and reconciliation with Indigenous peoples, the Truth and Reconciliation Commission’s Calls to Action, and our collective responsibility to the land on which we work and learn.
AGENDA

• Setting up
  – Access Gradescope
  – Link to CourseLink course

• Creating an exam/quiz
  – Edit Outline

• Scanning and uploading

• Grading options
  – Rubric
  – Inline commenting
  – AI-assisted grading

• Review and Release Grades
  – Pushing grades to CourseLink
  – Regrade request feature
SETTING UP
ACCESSING GRADESCOPE

• Gradescope can be accessed in two ways:
  1. Via the CourseLink Integration (Content tool)
  2. Directly via gradescope.ca using SSO
ABOUT GRADESCOPE’S COURSELINK INTEGRATION

• The CourseLink Integration allows you to:
  – **Connect** your course site to an *existing* Gradescope course/assignment or *create a new* Gradescope course/assignment
  – **Sync** your CourseLink “Classlist” to the Gradescope “Roster”
  – Automatically **create** grade items associated with the Gradescope assignment in CourseLink’s Grades tool
  – **Export** scores from Gradescope assignments to their associated CourseLink grade item
ACCESSING GRADESCOPE VIA SSO

• The Gradescope SSO login allows you to:
  – Create a new Gradescope course/assignment
  – See and manage any Gradescope courses/assignments you have at UofG,
    • Includes those created through the CourseLink integration

• To get the most out of Gradescope, the integration is recommended
RECOMMENDATIONS FOR EXAMS/QUIZZES WHEN USING THE COURSELINK INTEGRATION

• **Hide** the content module or item when you add the bubble sheet assignment to in CourseLink
  
  – You will maintain access, but students won’t see the link, which can avoid confusion (when not providing feedback through Gradescope)

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**Gradescope**

Add dates and restrictions...

Add a description...

- [ ] **Upload / Create**
- [ ] **Existing Activities**
- [ ] **Bulk Edit**

**Demo - Final Exam**

This is a link to a Gradescope assignment.
Recommendations for Exams/Quizzes when using the CourseLink Integration

• Go to Manage Grades after creating the exam/quiz assignment to hide the grade item Gradescope creates and adjust its max points value (defaults to 1)
  – If you are unsure of your max points value, come back and adjust when you know (before exporting)
RECOMMENDATIONS FOR EXAMS/QUIZZES WHEN USING THE COURSELINK INTEGRATION

• If it is your first/only Gradescope assignment, be sure to access Gradescope and **sync the Roster with the Classlist**
  - If you do this early in the semester, you may want to re-sync closer to the assessment to ensure you have the most up-to-date roster on Gradescope
DEMO

- Setting up the CourseLink integration
- Creating an Exam/Quiz
- Hiding the content module/content item
- Hiding the grade item/adjusting max points
- Accessing Gradescope from Content
- Importing the CourseLink Classlist to the Gradescope Roster
CREATING AN EXAM/QUIZ
CREATE AN EXAM/QUIZ ASSIGNMENT

Gradescope

Add dates and restrictions...
Add a description...

5 Assignments

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<thead>
<tr>
<th>NAME</th>
<th>POINTS</th>
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<th>DUE (EDT)</th>
<th>SUBMISSIONS</th>
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<td>MAR 14</td>
<td>MAR 18 AT 11:00PM</td>
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<td>11</td>
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<td>Demo Labelled Printouts</td>
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<td>MAR 11</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>Mock Final Exam</td>
<td>33.0</td>
<td>MAR 08</td>
<td></td>
<td>11</td>
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<tr>
<td>Test - Bubble Sheet</td>
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<td>MAR 08</td>
<td></td>
<td>11</td>
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</table>
**GRADESCOPE DASHBOARD**

- **Dashboard**: Active assignments
- **Assignments**: All assignments & assignment creation
- **Roster**: Sync roster with CourseLink classlist
- **Extensions**: Set course-wide extensions for timed assignments
- **Course settings**: Basic settings & grading defaults

### Gradescope_Demo | Spring 2022

<table>
<thead>
<tr>
<th>Active Assignments</th>
<th>Released</th>
<th>Due (EDT)</th>
<th>Submissions</th>
<th>% Graded</th>
<th>Published</th>
<th>Regrades</th>
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<td>MAR 14</td>
<td></td>
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<td>ON</td>
<td>OFF</td>
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<td>MAR 11</td>
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<td>4</td>
<td>0%</td>
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<tr>
<td>Mock Final Exam</td>
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<td>MAR 08</td>
<td></td>
<td>11</td>
<td>100%</td>
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</tr>
</tbody>
</table>
EXAM/QUIZ WORKFLOW

• Each Exam/Quiz will follow the same basic workflow
• When you select the Exam/Quiz for the Dashboard, Gradescope will automatically take you to the next section to be completed
• You can also select a specific section if you need to move backwards
  • E.g., update the outline
EDIT THE OUTLINE

- Presented with the PDF template uploaded during the creation phase
- Indicate **Name** and **ID regions** for assigning names to submissions
- Indicate where you expect students to answer each question
EDIT OUTLINE – NAME AND ID REGIONS

- Drag and resize yellow boxes to mark the name and ID regions
- **Tip:** When designing your exam template, try to ensure the name and ID regions won’t overlap
- Questions indicated by green/grey boxes
- Add to template using the + new question option or clicking and dragging on the PDF itself
EXAM PRINTING/COPYING

Gradescope supports two options for creating exam booklets:

1. Create **copies** of a standard template booklet
2. **Print** and subset staple labelled booklets (beta)
**LABELLED PRINTOUTS (BETA)**

- Uses the page labels to automatically group the pages of each student’s submission together, no matter the order they were scanned or uploaded in.

- Helpful for larger courses to ensure exam booklets stay together.

**Note:** If the total number of pages exceeds 800, Gradescope will generate 2 PDFs for printing.
LABELLED PRINTOUTS - CONSIDERATIONS

• The label is placed in the top, right corner of every page
• Ensure this space is left blank so that nothing overlaps the label
• Consider the impact for double sided printing
  – E.g., removing staples/cutting off corners
DEMO

• Edit Outline
  – Name region
  – ID region
  – Add questions
• Create labelled printouts (optional)
Scanning and Uploading
Scanning

- Gradescope requires a **PDF file** for upload, providing you a couple options for scanning
- At-home on a **personal scanner** with document feeder
  - Smaller courses with a limited number of scans
- Using a **department printer/scanner**
  - Larger courses where a higher throughput scanner is required
  - As part of our S22 pilot, we will be investigating this option in more detail
- CCS will not be providing a scanning option beyond single page bubble sheets
IMPORTING SCANNED BOOKLETS

- After the exam has been completed and scanned, the PDF file(s) are added to the exam/quiz assignment through the Manage Scans page

Manage Scans

Upload scans in PDF format. A single file can contain multiple student submissions (it is more efficient to scan in batches). Multiple files can be uploaded at once.

Gradescope attempts to split each uploaded scan into submissions. The proposed split depends on the length of the question outline. For scans that are not automatically split, click Show to review the proposed submissions (you can change split points and re-order pages), then click Create Submissions.
IMPORTING SCANNED BOOKLETS

- Gradescope then splits the scans into their appropriate pages by student
  - If any pages are not split correctly, you can manually adjust them
  - Can rotate pages if orientation is wrong
- When everything looks good, click Manage Submissions to match the scans to students
On the **Manage Submissions** page, Gradescope uses advanced text recognition to auto-assign completed exams to students listed on the Gradescope roster.
MANAGE SUBMISSIONS

- If a match cannot be found automatically you will be prompted to match manually for unmatched students
  - This process restricts matching options to students who are not already matched, simplifying the process

- Once the exams are matched, click Grade Submissions to complete the grading process
DEMO

• Manage Scans
  – Upload booklets
  – Check split points

• Manage Submissions
  – View the auto-assign process
  – Manually match unassigned submissions
GRADING OPTIONS
GRADING SUBMISSIONS

• Designed to grade by question
• Option to enable anonymous grading
• Rubric grading system
  – Both positive and negative scoring rubrics are available
  – Can import a rubric from a previous assignment/question or build on the fly
  – Rubric items support Markdown and LaTeX
• Commenting and annotations available
GRADE SUBMISSIONS

• To begin grading, click on the name/number of the question you want to start with
• Tip: Adding a question name during the Edit Outline phase makes it much easier to select the question for grading
SELECT GRADING METHOD

How would you like to grade this question?

GRADING METHOD

- Apply grading method to all other questions.

Grade Individually

Form Answer Groups First

AI ASSISTS WITH RECOGNIZING

- Blank Answers Only (Manual Grouping)
- Multiple Choice Marks
- Math Fill-in-the-blank
- Text Fill-in-the-blank

Multiple Choice: Works best when students bubble or check their answer within a clear circle or a square mark. If the squares are not properly over the answer areas, Edit Mark Regions.
AI ASSISTED GRADING – ANSWER GROUPS

- AI attempts to categorize all answers
- You confirm the groups are accurate
- Option to provide a name
GRADING WITH A RUBRIC

• Build entire rubric when you start grading or build on the fly
• Apply item by clicking on the number or using the number keys on your keyboard
• Entire grading team has access to rubric
• Next ungraded will take you to the next exam needing an assessment
Can import a previously created rubric from any other course/assignment/question.
**ANNOTATIONS**

- Freeform (pencil) and text options available
- Can associated rubric items with comments
- Can reuse comments
DEMO

• Grade Submissions
  – AI assisted grading
  – Grading rubric
  – Commenting and annotation options
  – Submission specific point adjustments
**Review Grades**

- Histogram of class results along with some basic statistics
- Below is a sortable list of all students and their grades
**Exporting Grades to CourseLink**

- To send the scores from Gradescope to CourseLink, simply click the Post Grades to CourseLink button
  - Remember to ensure the max points of the grade item matches the score total for the exam/quiz
  - If the grade item is hidden, students will not see their score or receive a notification
Publish Grades

• Provides students with access to their exam/quiz paper and the rubric items through Gradescope.

• Once grades are published:
  – Indicator in top right corner says Grades Published.
  – Bar at bottom now has option to Unpublish Grades.
  – Option to Compose Email to Students to notify them.

• Note: This feature should not be used for final exams.
STUDENT VIEW
Possible once grades are **Published** within Gradescope. Allows you to easily collect requests in a single dashboard and respond. Option to fully disable or enable for a specific window of time.
• Easily view how students performed on each question compared to the assignment mean
• Pull out questions/topics for in-class review
Statistics can be sorted by **Tags**

- Can help to identify content or learning objectives where student performance differed greatly from the average
DEMO

• Review Grades
  – Summary statistics
  – Post grades to CourseLink
  – Publish Grades (allow students to view their exam)
• Regrade Requests
  – Enabling/disabling
  – Responding to requests
• Statistics
  – By question versus by tag
GraDeSCOPE SUPPORT

- **Pilot Participation Requests**
  - Instructional Technology Specialist (ITS) Team: insttech@uoguelph.ca

- **General Gradescope Support**
  - CourseLink Support: courselink@uoguelph.ca or x.56939

- **Documentation**
  - Gradescope Help Centre: https://help.gradescope.com/article/gkwvq606fqbubble-sheets
  - OpenEd Documentation and Support Site (currently under construction)
THE GET TO KNOW GRADESCOPE SERIES

- 5 sessions over the course of March
  - Introduction session & bubble sheet sessions (recording available)
  - Today’s exam/quiz session (recording available soon)
  - 2 additional sessions on other assignment types:
    - Homework & Problem Sets (Mar. 21)
    - Online Assignments (Mar. 29)
  - Register: https://opened.uoguelph.ca/instructor-resources/winter-2022-programming#Gradescope

- Further programming will follow in S22 and F22