

Using Canvas for Online Assessment & Grading

e-Learning Workshop Series
Office of the CIO

What is online assessment?

- Any quizzes, tests, exams, surveys, exercises, assignments or even discussions (text or voice) conducted on web
- For formative and summative purposes
- A way for teachers and students to evaluate learning outcomes based on any online activities
- Students can attempt remotely or in person on campus

Pros & Cons of Online Assessments

- Ubiquitous in all aspects when network connection available
- Various formats with multimedia contents
- Automatic marking and immediate feedback
- Self-study facilitation
- One-stop grade & feedback management
- Learning analytics
- Archive of student work

- System security & reliability
- Student discipline
- Acceptance by students
- Limitation in auto marking
- Technical difficulties in client and/or server sides

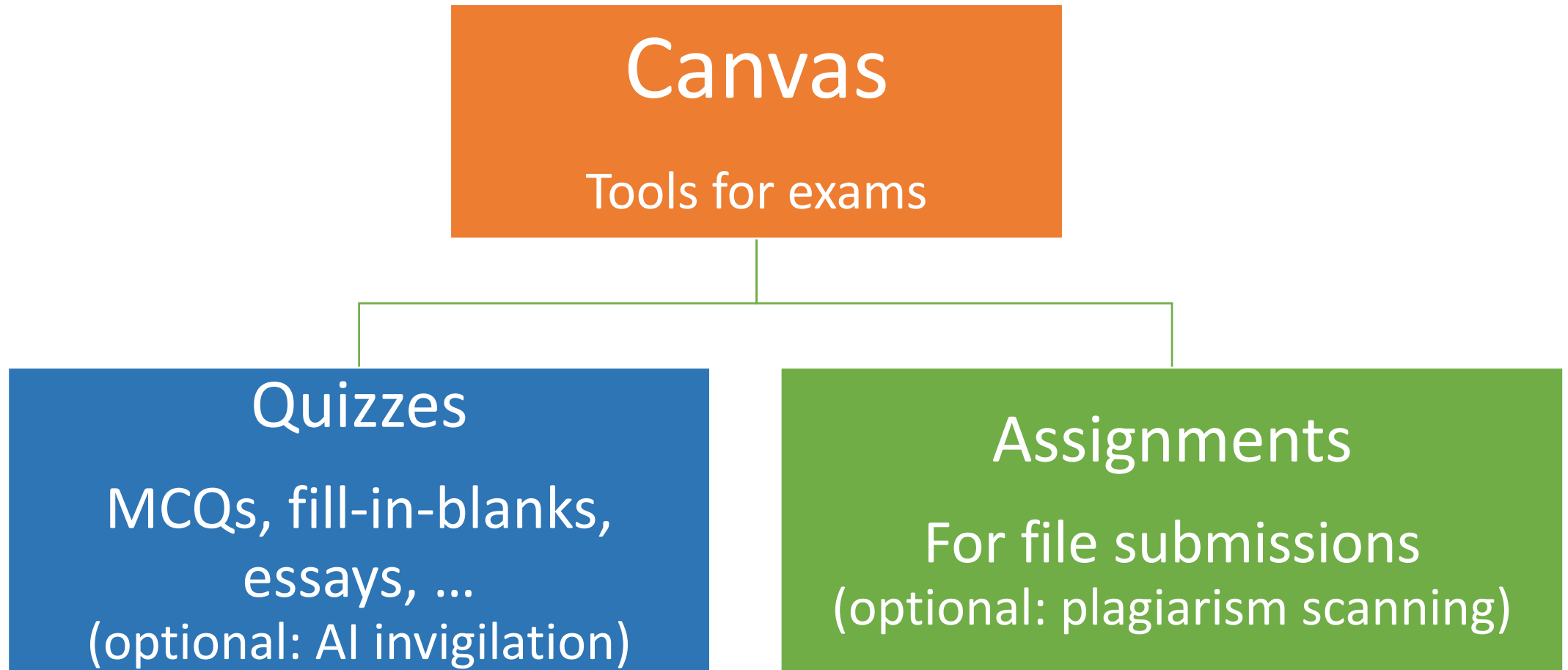


Intended Outcomes of Workshop

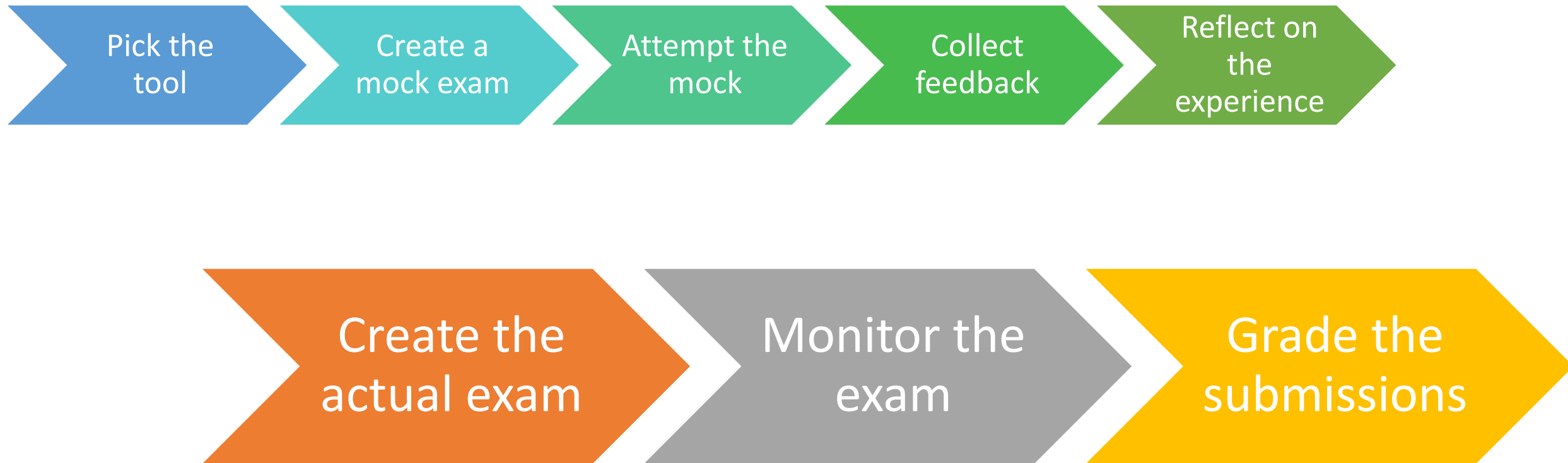
After this workshop, we hope you will be able to:

- Describe the design and logic of Canvas assessment tools
- Collect student work via assignment shells in Canvas
- Prevent plagiarism with Turnitin (or other tools)
- Create online tests in Canvas
- Operate Gradebook for marking and calculating grades
- Apply online assessment according to your needs

Using Canvas for Exam Delivery



Recommended Workflow for Exam Delivery



Create an Assignment Shell with Turnitin Enabled

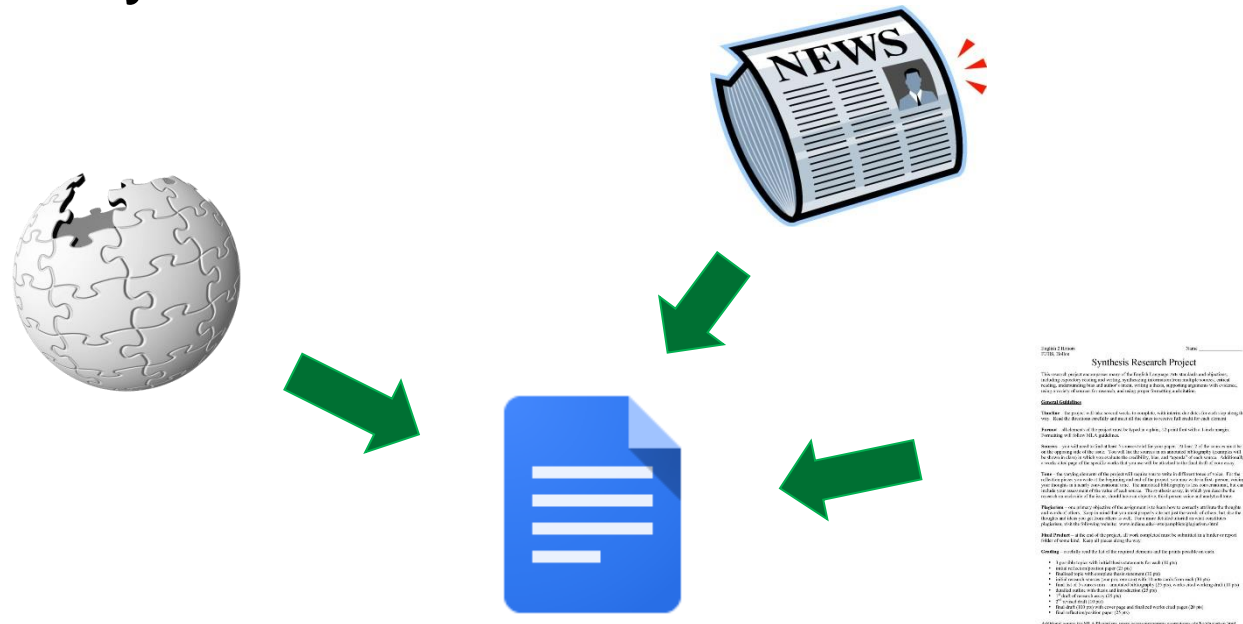
- Add an assignment shell for “File Uploads”
- Select “Turnitin” under Plagiarism Review
- Submit paper to Standard repository
- Compare submitted papers to all sources
- Exclude bibliography & quotes
- Allow students to view Similarity reports

The screenshot displays the Turnitin assignment configuration interface, organized into three main sections:

- Submission Type:** A dropdown menu is set to "Online". Below it, under "Online Entry Options", there are checkboxes for "Text Entry", "Website URL", "Media Recordings", "File Uploads" (which is checked), and "Restrict Upload File Types". A link "How to create Turnitin Assignment? e" is provided.
- Submission Attempts:** A dropdown menu for "Allowed Attempts" is set to "Unlimited".
- Plagiarism Review:** A dropdown menu is set to "Turnitin". The Turnitin logo and a "Need help?" link are present. Below, "Store submissions in:" is set to "Standard paper repository". Under "Compare submissions against:", checkboxes for "Student repository", "Website content", and "Periodicals, journals and publications" are all checked. The "Similarity Report:" section has checkboxes for "Exclude bibliographic materials" and "Exclude quoted materials" (both checked), and "Exclude small sources" (unchecked). There is also a "Save as default settings" checkbox (unchecked). At the bottom, "Show report to students" is set to "Immediately".

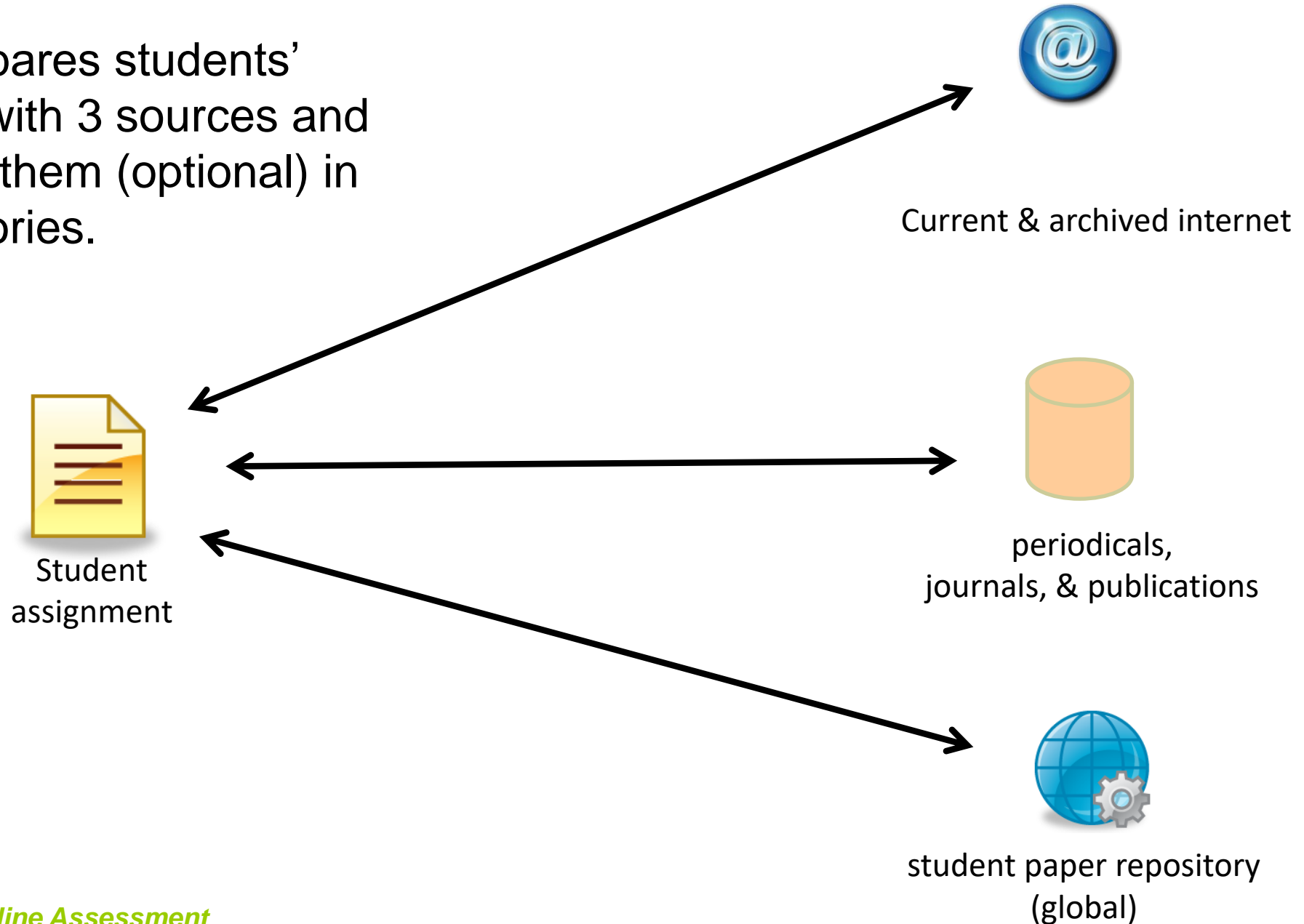
Make a Submission

- Pick an academic topic
- Find text on the web
- Copy and paste to create an essay
- Submit the essay to the course site as a student



Activity 1

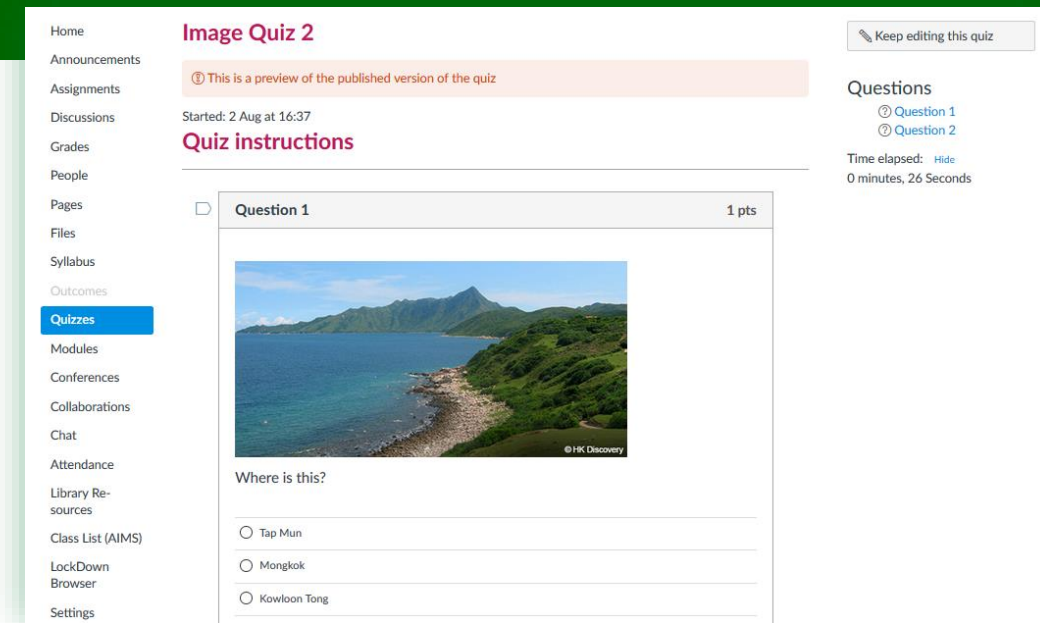
Turnitin compares students' submissions with 3 sources and then includes them (optional) in paper repositories.



Activity 2

Try to Build a Quiz

- Enter Quizzes
- Choice [Classic Quizzes](#) or [New Quizzes](#)
- Add a quiz and go thru the settings
- Different types of Quizzes
- Add questions
(your textbook may provide quiz questions in Canvas' Classic Quizzes format)
<http://www.respondus.com/products/testbank/search.php>
- Preview a Quiz
- Create Question Group for random selection (works with Question Bank)
- Try it out using Student View



Conducting Secure Online Test



Require Respondus LockDown Browser

- Integrate with Canvas Quizzes
- Force full screen
- No access to other webpages (inside and outside Canvas)
- Access to specific webpage only
- Unable to launch other applications
- No copy and past

Require Respondus Monitor (under LockDown Browser)

- Exam proctoring via webcam
- AI report on the likelihood of cheating

Respondus Monitor Sample Report

The screenshot displays the Respondus Monitor interface for a sample report. At the top, a header bar contains sorting options: Last, First, Review Priority, Date, Score, Duration, Reviewed, and Notes. Below this, a summary row shows the student's name (Hooper, Molly), their review priority (HIGH, indicated by a red bar), the date and time (6 Jul 2018 @ 7:12PM), the score (84.00), and the duration (15.2 minutes). The main area is divided into two sections. On the left is a large video player showing a live feed of the student, Molly Hooper, with a playback control bar at the bottom. On the right is a sidebar with a red background. It contains a section titled 'Priority for Review : HIGH' with a '[more details]' link. Below this, it lists 'Number of Flags: 9', 'Total Flagged Time: 00:07:49', and 'Facial Detection: 44%'. Further down, there is a 'Show:' section with checkboxes for 'Flags' (checked) and 'Milestones' (unchecked). Below this, a list of flags is shown, each with a red triangle icon and a timestamp: 'Low Facial Detection [explain]', '00:02:07 Missing from Frame [explain]', '00:02:56 Missing from Frame [explain]', '00:04:28 Different person in Frame [explain]', '00:05:17 Multiple persons in Frame [explain]', and '00:05:55 Multiple persons in Frame [explain]'. At the bottom of the sidebar is an 'Add Notes' button. Below the video player, a horizontal timeline bar shows the duration of the session, with red segments indicating flagged areas. At the very bottom, a row of six thumbnails is displayed: 'Image not available', 'Photo on File', 'Student Photo', 'Student ID', 'Environment', and 'Time 00:00:00'. The 'Time 00:00:00' thumbnail is currently selected, showing a still image of the student.

Last	First	Review Priority	Date	Score	Duration	Reviewed	Notes
Hooper	Molly	HIGH	6 Jul 2018 @ 7:12PM	84.00	15.2 minutes		

Priority for Review : HIGH [more details]

Number of Flags: 9

Total Flagged Time: 00:07:49

Facial Detection: 44%

Show: ☒ Flags ☐ Milestones

- Low Facial Detection [explain]
- 00:02:07 Missing from Frame [explain]
- 00:02:56 Missing from Frame [explain]
- 00:04:28 Different person in Frame [explain]
- 00:05:17 Multiple persons in Frame [explain]
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00:00 / 00:15:25

Add Notes

Image not available

Photo on File

Student Photo

Student ID

Environment

Time 00:00:00

Time 00:00:16

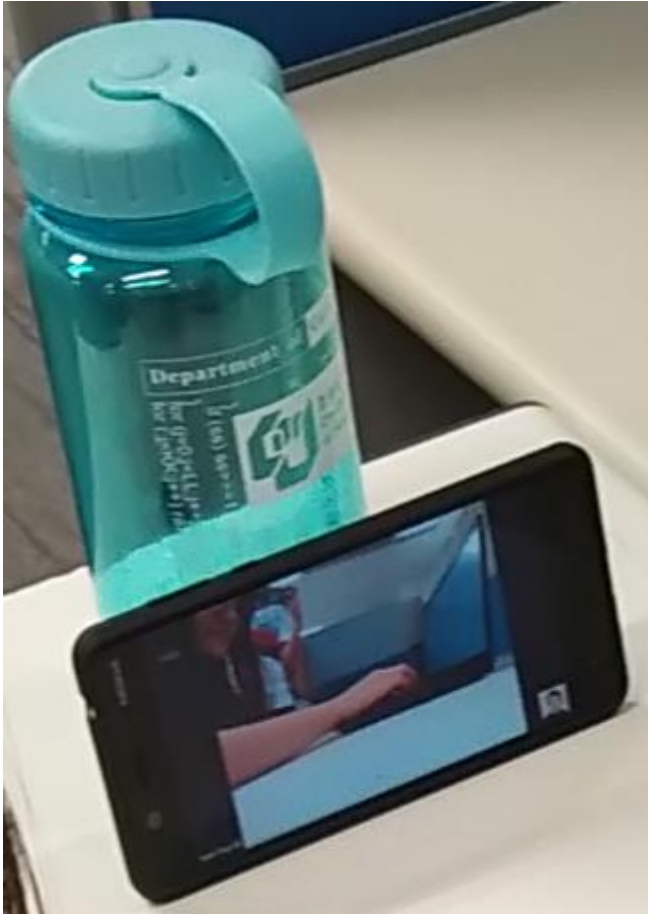
Operational Differences

	Canvas Quizzes	Canvas Assignments
Question types	<p>Auto gradable: MC, True/False, Fill-in-the-Blanks, Multiple Answers, Matching, Numerical Answer & Formula;</p> <p>Manual grading needed: Essay & File Upload</p>	Any types where answers can be submitted via file upload (manual grading needed)
Question release	Release according to the schedule of the quiz interface; randomizable ; no download option	Release according to the schedule of the assignment interface as downloadable file
Timing	Both time limit of an attempt and exam period are controlled	Only exam period is controlled
Student experience	Attempt all exam questions online; network connection needed throughout the exam; answers will be saved automatically (no record on local computers)	Network connection needed when downloading the question files and uploading the answers (answer files saved on local computer)
Monitoring	<p>During the exam: attempt timing of each student available in Moderate This Quiz</p> <p>After the exam: quiz log of each attempt available (optional AI generated invigilation report will be ready from Respondus)</p>	<p>During the exam: check Last Activity in People</p> <p>After the exam: visit gradebook to identify students with late submissions or no submissions</p>

Suggested Remote Exam Setup (1)



Suggested Remote Exam Setup (2)



Reminders for Remote Exam Arrangement

Before the exam

- Mock exams help students to experience the workflow before the actual exams
- You may use Student View to attempt the mock exam
- Check with CSC for network solution

During the exam

- Students may submit their answer files via email if Canvas is not responding
- The possibility of solving a remote problem during the exam is low

After the exam

- The submission status indicate the need of makeup exams
- All reports of problems should collected for study
- All video recording of invigilation must be deleted within 12 months after the exam

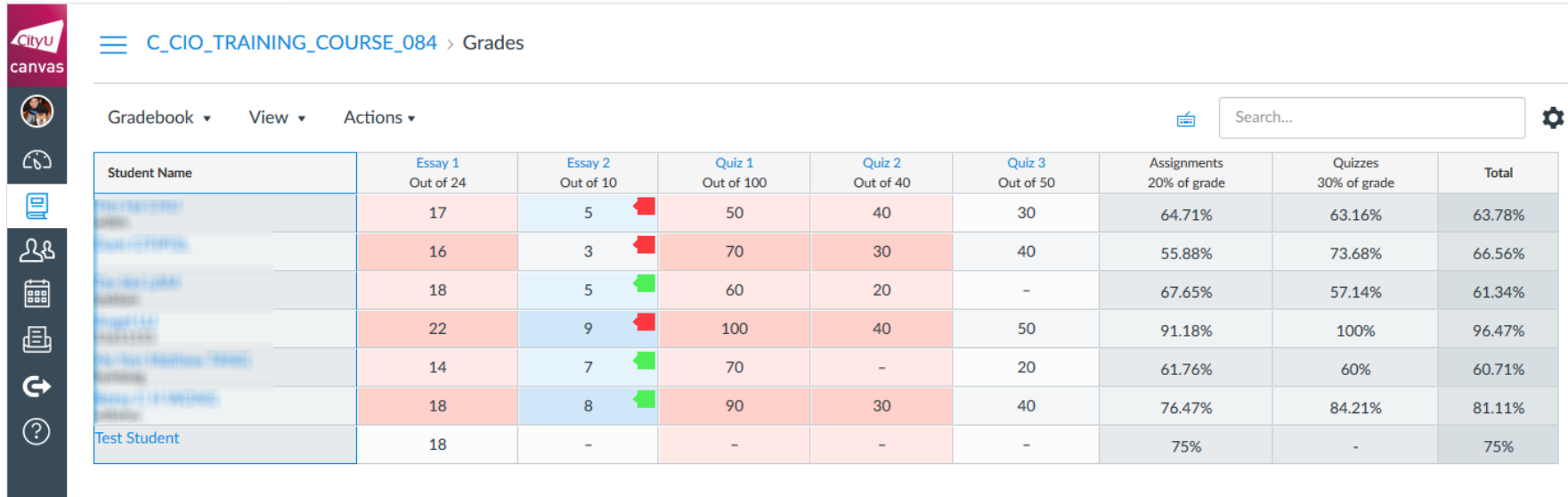
Exams for Semester A 2021/22

- Most of the students should attempt exams face-to-face on campus according to the Master Exam Schedule
- In-person invigilation will be sufficient for on-campus exams
- The teaching team should inform the e-Learning Team (elearn@cityu.edu.hk) before 15 Nov 2021 if you will allow **all students in your course** to attempt exam (a) on computing devices, (b) using CityU's network, and/or (c) inside Canvas
- Remote exam opportunities should be provided to students unable to come to the campus due to COVID-19 related situations
- 2-Device proctoring is required for students taking exam remotely

Check out Gradebook

- Check out the table
- Enter some grades
- Observe functions and settings
 - Gradebook - Individual view & history
 - View - arrangement and filtering
 - Action - Import / Export
 - Student Name options
 - Assignment column options
 - Message to students who...
 - Hide grades
 - Late Policies & [Grade Posting Policy](#)
- Set Group Weight to calculate final grades (Total)

Gradebook



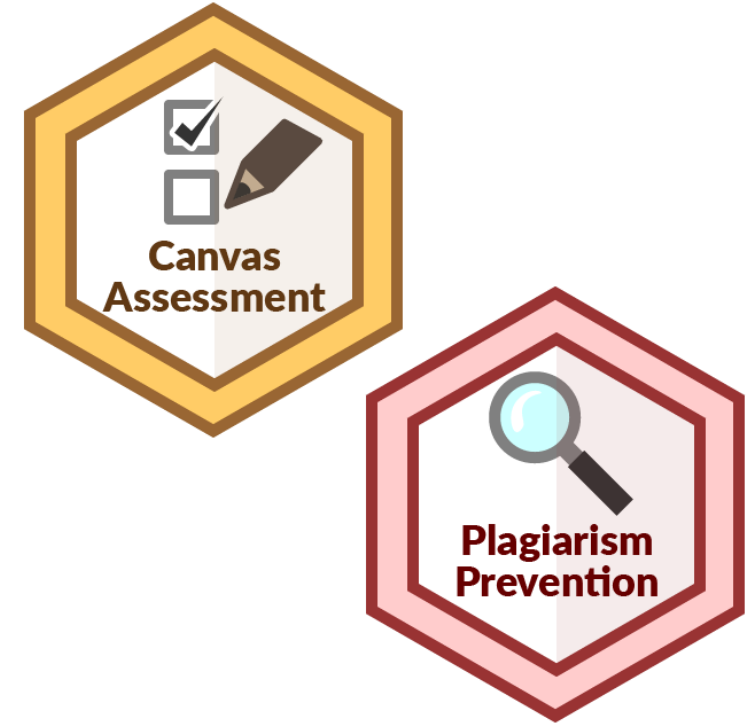
The image shows a screenshot of the Canvas LMS Gradebook interface. On the left is a vertical sidebar with icons for user profile, course, calendar, assignments, and help. The main header shows the course name 'C_CIO_TRAINING_COURSE_084' and the 'Grades' section. Below the header are tabs for 'Gradebook', 'View', and 'Actions'. A search bar and a settings gear icon are on the right. The main content is a table with columns for student names and various assessment scores. The table includes a 'Test Student' row at the bottom.

Student Name	Essay 1 Out of 24	Essay 2 Out of 10	Quiz 1 Out of 100	Quiz 2 Out of 40	Quiz 3 Out of 50	Assignments 20% of grade	Quizzes 30% of grade	Total
[Student Name]	17	5	50	40	30	64.71%	63.16%	63.78%
[Student Name]	16	3	70	30	40	55.88%	73.68%	66.56%
[Student Name]	18	5	60	20	-	67.65%	57.14%	61.34%
[Student Name]	22	9	100	40	50	91.18%	100%	96.47%
[Student Name]	14	7	70	-	20	61.76%	60%	60.71%
[Student Name]	18	8	90	30	40	76.47%	84.21%	81.11%
Test Student	18	-	-	-	-	75%	-	75%

- [Export](#) for further calculation (e.g. include exam scores)
- Upload edited CSV file to [i-Assessment](#)

Help & Support

- e-Learning Team
<http://www.cityu.edu.hk/elearn/>
3442 6727 / ellearn@cityu.edu.hk
- LIB e-resources
<http://www.cityu.edu.hk/lib/eres/>
3442-8395 / lbinf@cityu.edu.hk
- Canvas Online Help
User guide <http://go.cityu.hk/canvasm>
Video Instruction <http://go.cityu.hk/canvasv>
- IT Service Desk
<https://www.cityu.edu.hk/its/>
3442 8340 / it.servicedesk@cityu.edu.hk



Two digital badges will be awarded to you via e-mail