

Proctortrack

Using Proctortrack in Moodle

For instructor use only.



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Creating a Quiz

1.a. Click **"Log in"** to get to the login screen.





1.b. Enter "Username" (1) and corresponding "Password" (2) and click "Log in" (3).





2. Navigate to the desired course by clicking on it in the list of available courses.





3. Click **"Turn editing on"** on the right.





4. Click "Add an activity or resource".

/U				Adn	nin User 🔍 🝷
	41018				Turn editing off
NAVIGATION Home * My home > Site pages		✿ ⊕ 🔁 News forum ∠	Edit • 1	SEARCH FORUMS	
 My profile Current course IM1018 Participants Badges General 5 November - 11 November 18 November 		5 November - 11 November	Edit - 🚨 Edit - 🚨 Edit - 🚨	LATEST NEWS Add a new topic (No news has been posted yet)	
 19 November - 25 November 26 November - 25 November 26 November - 2 December 3 December - 9 December 10 December - 16 December 17 December - 23 December 24 December - 30 December 31 December - 6 January 7 January - 13 January 		 12 November - 18 November Week 3 Quiz 2 	+ Add an activity or resource Edit • 1	UPCOMING EVENTS There are no upcoming events Go to calendar New event	。 中 恭 -
ADMINISTRATION		 ¹ 19 November - 25 November 	+ Add an activity or resource	RECENTACTIVITY Activity since Wednesday, 27 January 7 Full report of recent activity Nothing new since your last form	⊡ € ∳ ∳ * 2016, 1:43 PM
 Course administration Turn editing off Activity chooser off 	di. 26 .	🔹 🛃 DualRole Test 🖉	Edit - 🚨	rouning new since your last logilit	
 ✿ Edit settings ▶ Users ▼ Filters ▶ Reports 		 26 November - 2 December 	٩		



5. Click "Quiz" (1) followed by "Add" (2).





6. Name the quiz as you would like and scroll to the bottom of the page.





7. Expand the **"Extra restrictions on attempts" (1)** category. A **checkbox (2)** labeled "Enable Verificient Proctoring for this Quiz" will appear. Make sure it's checked. Click "Show more" to enter the password for the quiz.

Finally, click on "Save and return to course" (3).

uiz ×	E -	٥
n 🗋 moodle.verificient.com/course/modedit.php?up	date=38&treturn=0&sr=0 🔂 🖸 🞇	6
VU	Admin User 🙎 👻	
 7 January - 13 January My courses 	Timing	
	▶ Grade	
🕂 🔅 -	▶ Layout	
Edit settings Group overrides User overrides	Question behaviour	
Edit quiz Preview Preview	▶ Review options ③	
Locally assigned roles Permissions Check nermissions	Appearance	
 Filters Logs 	 ✓ Extra restrictions on attempts 	
Backup Restore Question bank	Enable Verificient Protoring for 2 this Quiz 2	
Course administration	Show more	
Switch role to	Overall feedback	
My profile settings		
Site administration	Common module settings	
Search		
	3	
ADD A BLOCK	Save and return to course Save and display Cancel	
Add		
	There are required fields in this form marked *.	
	① Moodle Docs for this page	
	You are logged in as Admin User (Log out) IM1018	
h the web and Windows		Ę.



8. The list of assignments in edit mode will be opened up. Find the recently created test in the chosen week and click its

name.





9. Click "Edit quiz".





10. Every test needs to have at least one question. Click "Add" followed by "+ a new question" once it's shown in the drop-down

menu.



<u>a new question</u>
from question bank
a random question



11. From the left pane, choose from a list of **question types (1)**. Here, "Multiple choice" will be chosen for demonstration purposes. After selecting a choice, click **"Add" (2)**.





12. This page will look different depending on the question type. What's shown below is the page given for adding a new multiple choice question. Give the question a relevant **name (1)**. Type out the **question (2)** and decide on its **weight (3)**. When done, **scroll down** to continue editing.





13. It's time to create the possible answers and select correct answer(s). First, decide whether more than one answer will be correct by selecting from the drop box (1). For each answer, type out its text (2) and decide whether to give it an individual weight (3) or to give it the "Default mark" decided in step 12 by leaving "None" in the drop box. Scroll down to find fields for creating more choices.

VU		Admin User
Check permissions Filters Logs Backup Restore	One or multiple answers? One answer only 1	
Question bank Categories Import Export	Shuffle the choices? ⑦ Number the choices? a., b., c., ▼ INSWERS	
Course administration		1
 Switch role to My profile settings 		\$
Site administration Search	Grade None 3	<u> </u>
ADD A BLOCK Add	Feedback	Ę
		•
	Grade None •	
	Feedback	•



14. If out of room for adding answers, click "Blanks for 3 more choices" (1). Once satisfied with the question, click "Save changes" (2).

/ 🎢 Editing a Multiple choice c 🗄	×	c ×
← → C fi 🗋 mood	ndle.verificient.com/question.question.php 😥 🚺 🔂	. □ Ξ
VU	Admin User 🔍 💌	-
	\$	
	Choice 8	
	Grade None V	
	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
	Blanks for 3 more choices 1	
	Compliand foodback	
	Multiple tries	
	▶ Tags	
	Save changes and continue editing	
	2 Save changes Cancel	
	There are required fields in this form marked *.	
	() Moodle Docs for this page	
	You are logged in as Admin User (Log out)	
	IM1018	+
Search the web and	nd Windows 🕕 📮 🧿 🔺 🗠 🖉	5:35 PM 1/27/2016



15. The quiz is now populated with its first question, which is all it needs in order to be taken by students. To finalize the quiz creation process, click **"Save" (1)**. If desired, click **"Add" (2)** to begin creating a new question.





Enabling Proctoring

1. Once logged into Moodle, navigate through the course and click on the **Exam link**.





2. Click "Attempt quiz now".

/U			Vikas Pagar
Prestaging Course			
Home My courses Miscellaneous	IM1018 🕨 12 N	ovember - 18 November 🕨 Practice Onboarding Quiz	
NAVIGATION		Practice Onboarding Quiz	
Home			
My home		Grading method: Highest grade	
Site pages		Attempt quiz now	
My profile			
 Current course 			
▼ IM1018			
 Participants 			
 Badges Constal 			
 General S. November, 11 November 			
3 12 November - 18 November			
Week 3 Quiz			
Practice Onboarding Quiz			
19 November - 25 November			
26 November - 2 December			
3 December - 9 December			
10 December - 16 December			
17 December - 23 December			
24 December - 30 December			
31 December - 6 January			
7 January - 13 January			
My courses			
ADMINISTRATION			
Course administration			
My profile settings			
		You are logged in as Vikas Pagar (Log out)	
		IM1018	



3. Click "Launch Proctortrack Dashboard".





4. Click on the **Dashboard** to go to the Test list on Proctortrack Dashboard.

VU					You are logged in as Admin	User (Log out)
Introduction to Conputer So	cience					
Home \Rightarrow My courses \Rightarrow Miscellaneous \Rightarrow CS101 \Rightarrow 24 Febr	uary - 2 March > Python programming - Basics > Previou					
ADD A BLOCK Add	Practice Onboarding Quiz	z				
	 Verificent Testing Platform 					· Compse au
	Guiz passcode will	be made available after verificatio	n on venticient's platform			
	Proctortrack	¹¹⁴				
					Deshb	perd
	Practice Onboarding	g Quiz			End Date: 11/16/16 5.52	PM
	1	2		0	0	
	Ploctored Students	Processing	20	assed	Require Attention	
	Student List				Search Name / Email 🛛 🗧 🤇	2
	Status First Nome C	Last Name 🌲	Integrity	Date 🕈	Violations	
	0 Robert	Waniuk	Pending	5/28/17 4:37 AM		*
	O Robert	Wanish	Pending	5/28/17 4:50 AM		*



5. This is the Proctortrack Dashboard for Instructors. At the top you have the metrics for the Onboarding and all Quizzes.
 To mark any Quiz as the Onboarding quiz, simply use the drop down menu option on the right of the Quiz name as shown below and click on "Onboarding On".

Onboarding quiz is only a sample quiz and only 1 quiz in the course should be marked as Onboarding.

• Proctor	track [™]						
Dashboard							
		Quizzes 2	Sessions Flagged 1 0 Completed	Onboarding 1 100%	Students 2	Failed Passed 0 1 Onboarded	Pending 0 50%
Quiz List	Onboarding Status						
Quiz Name	Test ID		Acce	ess Code	Monitoring/Onboarding	g Sessions List	
Final Exam	105		daf5	95	Proctoring ON +	View Sessions	i 🗸
Onboarding Quiz	116		fes6	5e	Select Status - Proctoring ON Onboarding ON	View Sessions	E V

That's it! You have successfully set up the quizzes for Proctoring.



Test Configuration using Proctortrack.

1. On the Proctortrack Dashboard, click on the **3 dots** on the right of the quiz name for which the configuration needs to be set and select **"Go to Configuration"**

		Quizzes	Sessions 1 Completed	Flagged O	Onboarding 1 100%	Students 2	Failed O Onboarde	Passed 1	Pending 0
Quiz List Onbo	arding Status								
Quiz Name	Test ID			Acce	ess Code	Monitoring/Onboarding) Session	s List	
Final Exam	105			daf5	95	Proctoring ON -	View Se	ssions	1
Onboarding Quiz	116			fes6	5e	Onboarding ON -	⊊ Go To	Configuratio	n 🍖 🗸

By default all quizzes are configured as closed book quizzes/exams. Each quiz/exam can have different configuration.



- 2. Enable the Identity Verification Settings as desired using the toggle option
- a) Snapshot 1 of Identity Verification Settings

Das	shboard >	Manage Configurations > Exceptions -		
			🛿 Dashboard	
Tes	st Name : F	Final Exam	≡	
Use	the toggle	to select what is allowed or prohibited for the test. Every change will be automatically saved.		
lde	ntity Verifi	ication Settings		
		COPY/PASTE Enable this option to prohibit use of the copy/paste functions. Disable this option to allow use of the copy/paste functions.		
		PRINT SCREEN Enable this option to prohibit screen captures (capture attempts WILL be flagged as violation). Disable this option to allow screen captures (capture attempts WON'T be flagged as violation).		
		PRINTING Enable this option to prohibit printing (print attempts cannot be stopped but WILL be flagged as violation). Disable this option to allow printing (print attempts WON'T be flagged as violation).		
		REQUIRE PHOTO ID SCAN Enable this option to ask a photo-ID scan during identity verification. Disable this option to opt-out of the photo-ID scan during identity verification.		
		REQUIRE KNUCKLE SCAN Enable this option to require a knuckle scan during identity verification. Disable this option to opt-out of the knuckle scan during identity verification. Knuckle-match is used to increase confidence in the authentication process.		
			Need he	pp? Let's Chat!



b) Snapshot 2 of Identity Verification settings



Students will be requested to show their face and YU-card to validate identity, per the same structure that occurs during an inperson exam.

Should a student not have a YU-card, government issued ID can be displayed to the camera, showing only the picture and name (all other information can be covered by you). Students will not be asked invasive personal questions, such as their government-issued identifiers (e.g. social insurance number, passport number). The access to this information is restricted to the instructor when they download the files and until that point this information will be securely stored on Proctortrack's Canadian servers.

York University will not require a room scan or knuckle scan through Proctortrack.



3. Configure the **"Test settings"** as desired using the **toggle** options.





Reviewing the Results of a Quiz

1. On the upper right corner on the initial screen, click **"Log in"**.

Verificient Univers	sity							
NAVIGATION Home Mow to take Moodle test		We way to take Moodle test		R Mon 1	lanuary 2 'ue Wed	:016 1 Thu	Fri Sa	- C
Courses		Prestaging Course Teacher: verificient teacher Teacher: DualRole Tester	3 10 17 24	4 11 18 25	5 6 12 13 19 20 26 27	7 14 21 28	1 2 8 9 15 16 22 23 29 30	
		Course for QA	31					
		Some Demo						
		≎ Intro to Moodle						
		© Course for functional tests						
		© Automated Proctored Tests						



2. Log in to Moodle as an instructor or admin by entering a Username (1) and the corresponding Password (2) before clicking "Log In" (3).





3. Click on the **quiz** for which the results are to be reviewed. It may be necessary to **scroll down**.





4. Click "Attempt quiz now".

moodle.verificient.com/mod/quiz/view.	php?id=39		公 ()
VU			Vikas Pagar
Prestaging Course			
rectaging course			
Home ► My courses ► Miscellaneous ►	IM1018 🕨 12 M	ovember - 18 November 🗼 Practice Onboarding Quiz	
NAVIGATION		Practice Onboarding Quiz	
Home			
My home		Grading method: Highest grade	
Site pages		Attempt quiz now	
My profile			
 Current course 			
▼ IM1018			
Participants			
Badges			
General			
5 November - 11 November			
12 November - 18 November			
Week 3 Quiz			
Practice Onboarding Quiz			
19 November - 25 November			
26 November - 2 December			
3 December - 9 December			
10 December - 16 December			
17 December - 23 December			
24 December - 30 December			
31 December - 6 January			
7 January - 13 January			
My courses			
ADMINISTRATION			
Course administration			
My profile settings			
		You are logged in as Vikas Pagar (Log out)	
		IM1018	



5. Click "Launch Proctortrack Dashboard".





6. Click on the Dashboard to go to the Test list on Proctortrack Dashboard.

VU					You are logged	in as Admin User (Log out
Introduction to Conput	ter Science					
Home > My courses > Miscellaneous > CS101	৮ 24 February - 2 March ⇒ Python programming - Basics ⇒ Proview					
ADD A BLOCK	Practice Onboarding Qu	iz				
	- Verificent Testing Platform					* Collapse a
	Quiz pasacode w	II be made available after verificatio	n on verificient's platform			
		k™				
						Dashboard
	Practice Onboardin	g Quiz			End Date: 11/1	6/16 5.52 PM
	1	2		0	0	
	Ploctored Students	Processing	,	Fasaed	Require Atter	tion
	Student List				Search Name / Email	× Q.
	Status First Nome 🕈	Last Name 🌩	Integrity	Dete 🗢		Violations
	0 Robert	Washik	Pending	5/28/17 4:37 AM		*
	0 Robert	Waniak	Pending	5/28/17 4:50 AM		*



7. Proctortrack will show a list of exams that were enabled for proctoring. Click on **View Sessions** for the exam name for which you would like to review the student's report.

◆ Proctortrack Integrity Realized					
Dashboard					
	Quizzes Session 12 Comple	ns Flagged Onboarding 9 34 eted 41%	Students 29	Failed Passed 2 27 Onboarded	Pending O 100%
Quiz List Onboarding Status					
Quiz Name	Test ID	Access Code M	onitoring/Onboarding	g Sessions List	
Practice Onboarding Quiz	4	1234	Proctoring ON -	View Sessions	i 🗸
quiz 170418	7	170418	Proctoring ON -	View Sessions	i 🗸
test0511	9	12345	Select Status -	View Sessions	i 🗸
quiz 170518	12	1705181	Proctoring ON -	View Sessions	1 v



8. Here you can view a summary of the results of students that have completed the quiz. Students marked with **High** integrity are marked in **blue** and students marked with **Low** and **Medium** integrity are marked in **red**. View the student results by clicking on the student name.

rtrack [™]						Account 📿
Deshboard						
					Date: 05/20/2016 1:27 PM	
33 All Tests	5 Taken	27 Not Taken	2 Failed	3 Passed	0 Processing	
Student List				Search	Name Search	
🗆 🔽 🗙 Status	 First Name 	Last Name 👻	Integrity O	Date 🕈	Violations	
• 🤱 •	Marcela	Mosken	Low	05/06/16 10:25 AM	•• •	
2 0	Sabrina	Fischer	Medium	05/07/16 7:20 PM	0 -	
- 🔭 •	Robert	Wasiuk	High	05/06/16 11:01 AM	•	
•	Envice	Beccalli	High	05/05/16 3:27 PM	•	
•	Rahul	Siddharth	High	05/05/16 1:01 PM	÷	



.

9. You can open the quick view of student violations by clicking the expand button () and using the left and right arrows (

) to scroll through each violation. To view the full student report, click on the student's name to proceed.





- **10.** *Here you can see the Proctortrack Visual Timeline which displays each violation in chronological order.
 - There are four tabs to view:
 - Video Monitoring (pictured above): Shows video playback time stamped on a playable timeline to skip to moment of the incident.
 - Online Violation Screenshots: Screenshots of online aid incidents.
 - Identity Verification Scans: Here you may compare face scan with current test with onboarding face scan.
 - **Onboarding**: Here you may view onboarding scans (facial, knuckle, and ID.)





• *You may also create notes in the Notes section at the bottom of the visual timeline.

Notes	
Click below to create a note.	
Enter Note	Save Note

11. Once you've finished the review process, you can override the proctoring results by clicking **"Pass" or "Fail"** on the top right and an update will be sent to the student summary page.

End: 7/30/16 12:58 AM



The system picks up a variety of incident types. You'll need to consider the incidents on the whole to make a determination of what action to take.

The incident types are as follows:

- **Online aid** Student has left the LMS and is getting into other applications or other content on the web. If an application is explicitly allowed, then online aid for accessing those applications will not be generated.
- Left session Student has either completely gotten up and left or, more likely the majority of their face is no longer visible to the webcam. This may also happen if student is taking exam in a room that is too dark.
- Facial suspicion Student is looking off the screen with their eyes (perhaps at notes or a book) or has significantly turned their head to the side for a period longer than normal.
- **Multiple people** Facial recognition has picked up another face.
- **Background motion** System has picked up significant movement in the background.
- **Background audio** System attempts to filter out irrelevant audio (keyboard tapping) and highlight abnormal sound from the environment.
- Keystrokes Any blacklisted keystrokes will be highlighted (copy, paste, etc.).
- Blacklisted apps Any banned applications will be listed (Screen sharing software, etc.).

The algorithms will automatically make a determination of whether or not incidents should be applied based on the data available. Professors are then able to decide if the evidence requires further action.



Changing the Password for a Quiz:

In case the quiz password is required to be changed after the test is created and proctoring is enabled.

1. Go to the **"Edit settings"** for the particular test in the LMS and click on "Extra restrictions on attempts". Change the password in the **"Require Password"** field.

!- 0		GOOD LUCK :	
ample Course		Display description on course page ?	
	▶ Timing		
es	Grade		
	Layout		
	Question behaviour		
formation	Review options ₂		
	Appearance		
	 Extra restrictions on attemp 	ts	
	Require password	? ····· » ·	
		Enable Proctortrack for this Quiz Comparison of the second sec	
	Show more		
	Overall feedback o		
: Sample	Outcomes		
	Common modulo pottingo		



Navigate to the Proctortrack Dashboard and click on the 3 dots on the right of the quiz name and select "Edit Access Details".

Proctortrack	ты										
Dashboard											
		Quizzes	Sessions 1	Flagged <mark>0</mark>	Onboarding 1		Students	Failed	Passed	Pendii 0	ng
			Complete	ł	100%			Onboarde	ed		50%
Quiz List Onbo	arding Status										
Quiz Name	Test ID			Acce	ess Code	Monit	oring/Onboardin	g Sessior	ns List		
Final Exam	105			daf5	595	Pr	roctoring ON -	View Se	essions		~
Onboarding Quiz	116			fes6	5e	On	boarding ON 👻	≢ Go To ∳ Edit /	o Configurat Access Deta	ion iils	~



3. Change the Access code in the box shown below and click on "Save Changes".

• Proctortrack						
Dashboard	Edit Access Details	Х				
	Test Name : Final Exan	n	Failed	Passed	Pending	
	Access Code	daf595	0	1	0	
	Test Callback URL	https://lms.calsouthern.edu/mod/quiz/startattempt.ph p?cmid=12193&verificient_return=1	Unboard	ed	50%	
Quiz List Onboarding S	Mark test as inactive?	 (Test will be hidden once marked inactive.) 				
Quiz Name		Cancel Save Changes	ing Sessic	ns List		
Final Exam			View S	essions	1 v	
Onboarding Quiz	116	fes65e Onboarding ON	View S	essions	i 🗸	