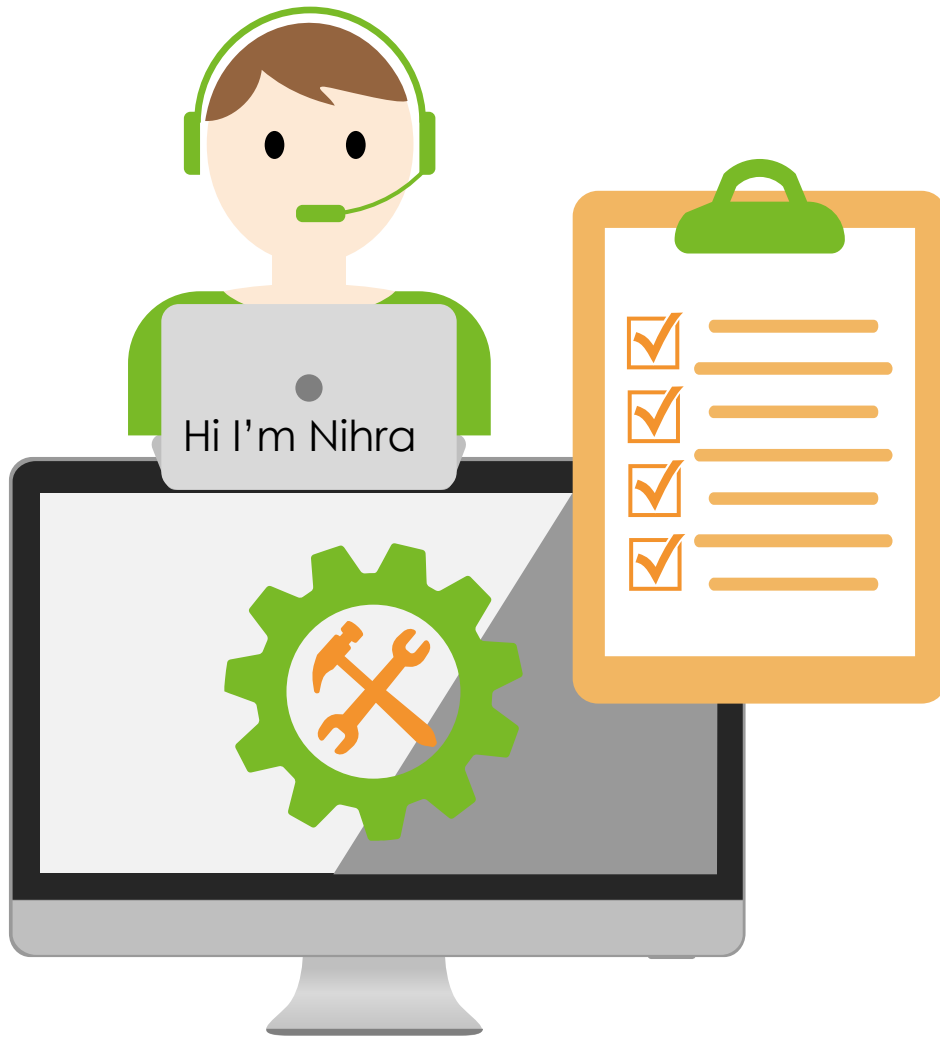


A stylized green laptop frame is the central element. The top bar has a wrench icon on the right. The right side has a vertical bar with a hexagonal nut icon at the top. In the top right corner, three orange gears of different sizes are arranged in a cluster. The main screen area is white, and the keyboard area is a solid orange bar.

Introduction to e-Proctoring

R e c o r d + (P r o c t o r U)

HOUSE KEEPING INFORMATION: ePROCTORING



PIC

En. Radzuan
(raduan@utm.my)
dan boleh
dihubungi melalui
0167171674

Record or Record+

proctoru

Review+

Life+

<https://olc.utm.my/>

ONLINE LEARNING



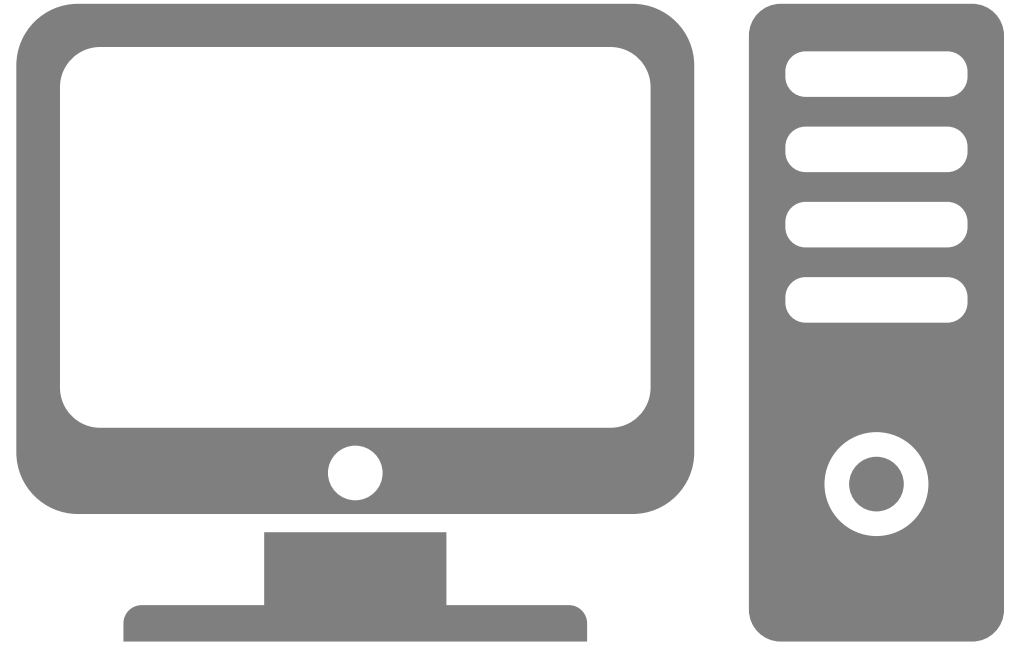
Introduction to eProctoring



Best practices automated proctoring with ProctorU



Exam creation in ProctorU



ONLINE
LEARNING



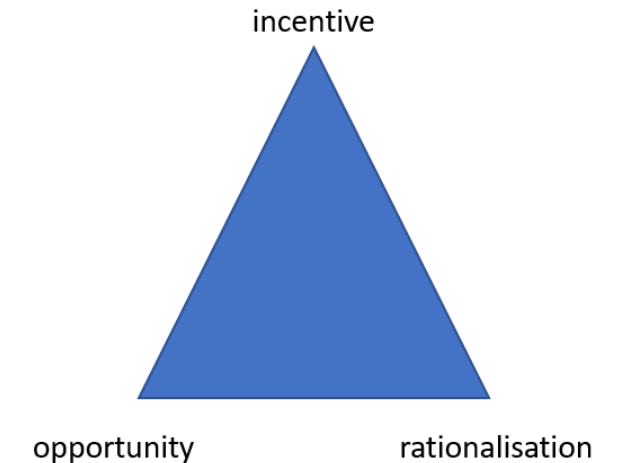
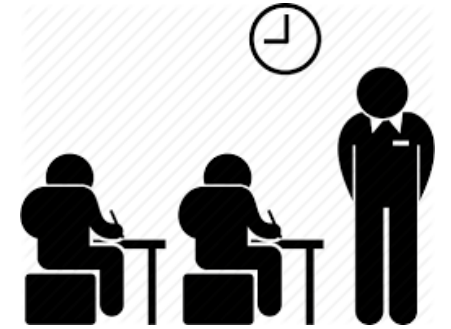
INTRODUCTION TO ePROCTORING

Proctoring = Invigilation:

“Watching people taking a test to make sure they don’t cheat”

Cheating:

- Using prior knowledge of test content
- Getting test answers by illicit means
- Impersonation or substitution
- Copying
- Recording test content & responses



The cheating triangle: (D'Souza, 2017)

INTRODUCTION TO ePROCTORING

Online (or Remote) Proctoring:

- Using a person and/or system to support invigilation
- Where the proctor is not physically present
- Uses online connectivity to observe/ analyse/ record taker behaviour

“The internet didn’t invent dishonesty” (Berkey 2015)



INTRODUCTION TO ePROCTORING

Where does eProctoring comes from? - It builds on ProctorU system:

Some benefits:

- Fast results
- Auto marking
- Analytical feedback
- No print/shipping costs
- More secure (fewer people in delivery chain ,)
- Offers flexibility & choice



Much emphasis on design of online learning, much less on e-invigilation
(Ketab, 2015)

INTRODUCTION TO ePROCTORING

Types of Online Proctoring

- Live online proctoring and/or
- Recorded proctoring and/or
- Fully or semi-automated proctoring



INTRODUCTION TO ePROCTORING

(Overall steps for candidate)

1. Exam ordering



2. Exam preparation

(Compatibility checks, informational videos)



3. Onboarding

(Semi-automated onboarding, Proctor assisted)



4. Exam taking

(Complete lockdown, Candidate monitored)



5. Results

(Report & Auditing)



QUESTION?

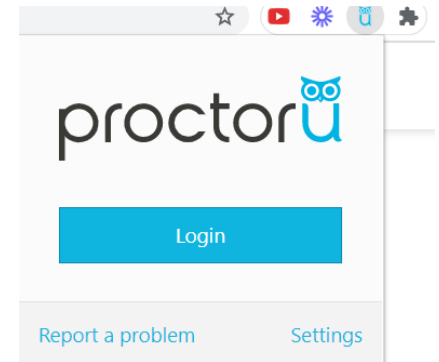


BEST PRACTICES

Automated Proctoring with ProctorU

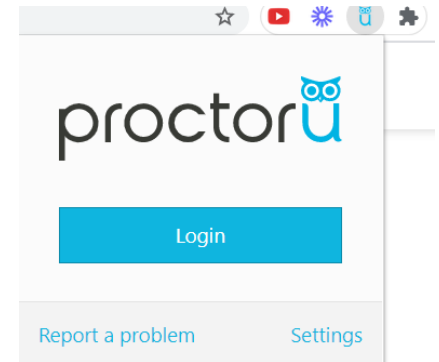
REQUIREMENTS

- Make sure you have a ProctorU instructor account
- You can create one at <https://go.proctoru.com>
- Install the ProctorU extension for either Google Chrome or Mozilla Firefox
- Either can be downloaded from <https://www.proctoru.com/firefox> or <https://chrome.google.com/webstore/detail/proctoru/goobge-nnebinldhonaajgafidboenlk>



BEST PRACTICES

Automated Proctoring with ProctorU



REQUIREMENTS

- Login into your ProctorU account through the extension

Any edits to your exam without the ProctorU extension present could result in exam syncing issues.

BEST PRACTICES

Automated Proctoring with ProctorU

SETTING in UTM ELEARNING

- Once you are logged in to ProctorU and are creating or editing an exam/quiz in your LMS, proctoring settings become available.
- All settings you select will be transferred to ProctorU automatically


QUESTION?



EXAM CREATION


Adding An Exam

- An exam must be added to the ProctorU system in order for test-takers to schedule an exam via ProctorU.
- To set up an exam instructors may use the integrated form within their ProctorU account.
- First, instructors log in to their ProctorU and click on the exam tab at the top to list available exams
- Instructors click the blue Add New button to open a drop down menu and select Exam, opening a new screen where instructors provide exam appointment details



Login

Username or Email

Password 

Remember Me

Login

New user? [Sign up here](#)
[Forgot Password?](#)
[Didn't receive confirmation instructions?](#)

Home / All Institutions / 90Tours

90Tours

Edit Add New

DEPARTMENTS 2	TERMS 2	INSTRUCTORS 2	EXAMS 2
------------------	------------	------------------	------------

Department
Term
Instructor
Exam
Import from Excel

Summary Settings Notes FAQ

Profile

Name: 90Tours	Cost: SYSTEM DEFAULT
Time Zone: CET	25.00/17.50/8.75:
VIP: No	\$8/\$17/\$25/\$33/\$42 [\$8/\$5]
Created: Thu 10/30/14 1:40 PM CDT	Pay Code: Institution Pay Exam/ Student Pays
Updated: Thu 10/30/14 1:40 PM CDT	Premium: [\$100/\$0] [\$0/\$0]
Status: Active	Premium: Yes
	Take it Now: Yes
	Cancellations: 0 hours

Activity

Today: 0
Completed: 0
Pending: 0
This Week: 0
This Month: 0
Last Month: 0

Latest Activity [View All](#)

Session ID	User Name	Scheduled Start	Updated
------------	-----------	-----------------	---------



Instructors can specify the following details:

* Denotes required field

1. **Exam title***
2. **Department***
(e.g., English, math, accounting, etc.)
3. **Term***
(e.g., Fall 2014, Spring 2015, etc.)
4. **Instructor**
(Select a current instructor or add an instructor's name.)
5. **Duration (in minutes)***
6. **Exam URL (location)**
7. **Exam password**
8. **Permitted resources checkboxes***
(e.g., scratch paper, calculator, eBook, textbook, etc.)
9. **Permitted browsers**
10. **Other allowed resources**
11. **Expected no. of test-takers***
12. **Additional exam notes & accommodations**
(e.g., ADA, extended times, etc.)
13. **Notify on Schedule Emails**
(i.e., emails of personnel notified when a test-taker schedules an examination)
14. **Contact Info for Exam Issues***
(i.e., the institution contact for exam issues)
15. **Exam Windows***

Home / All Institutions / 50 Tours / New Exam

New Exam

Exam Settings

1 Exam Title * MATH 300 - Algebra - Exam 2

2 Department * Select Department

VIP

Override Throttles

Incident Users

Incident Users

Exam Configuration

Bluebird

Adhoc

Enable Take It Now

Enable Take It Soon

Cost * Select Cost

Split * Select split

3 Term * Current

4 Instructor * Other

Instructor (other)

5 Duration (minutes) *

Enable Max Attempts?

6 Exam URL *

7 Exam password *

Exam password Confirmation

8 Permitted resources

No resources allowed

No resources allowed

Books

Textbook Ebook (Computer) Ebook (Website)

Calculators

Four Function Calculator Scientific Calculator Graphing Calculator

Computer's Calculator Online Calculator Financial Calculator

Notes

Handwritten Notes Note cards Printed Notes Formula Sheet

Notes (PDF) Notes (Word) Notes (Powerpoint) Notes (Excel)

Web

Course Website Pre-approved website All websites

Scratch Paper

1 Sheet 2 Sheets Multiple sheets Whiteboard

Destroy Scratch Paper

Software

Excel Word Powerpoint Notepad Paint SPSS

Other

Bathroom breaks Other resources

9 Permitted browsers

Browsers

Chrome Safari Internet Explorer Firefox

10 Other resources

11 Expected No. of Test Takers *

12 Additional Exam Notes & Accommodations

13 Notify on Schedule Emails

Always Recorded

Manually Timed Exam?

Is this a multi-part exam?

Active

14 Contact Info for Exam Issues

Name * Joe Somebody

Email * admin@example.com

Phone Number * 444-444-4444

Notes and Times Available

15 Exam Windows

First Appointment * 2017 March 20 09:00

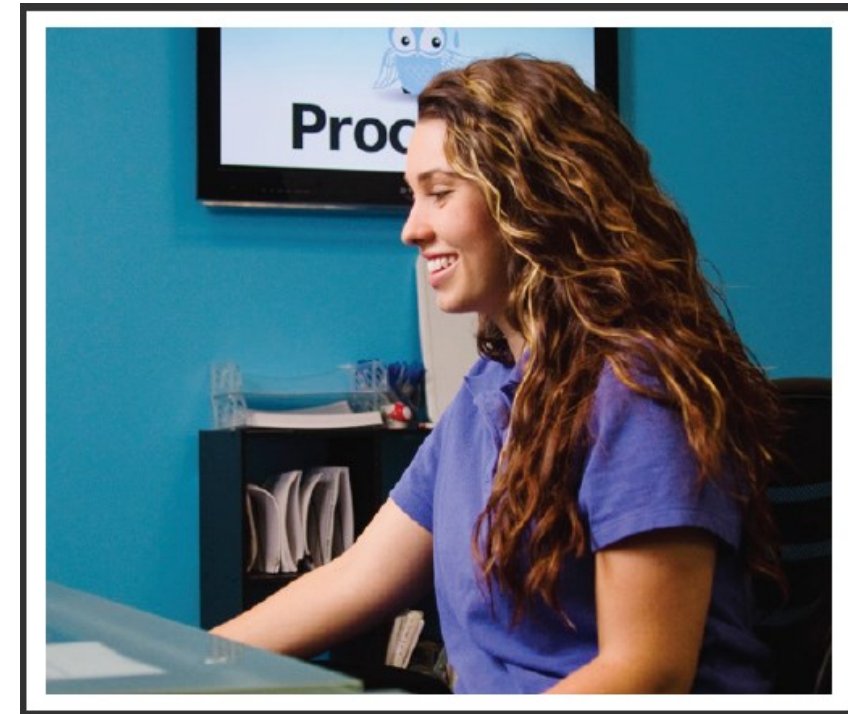
Last Appointment * 2017 March 27 09:00

Name

EXAM CREATION

Adding An Exam

- After completing the exam form, administrators receive a notification that the exam has been sent for review.
- ProctorU's assessment services review the exam information and enter it into the system. Instructors are notified when the exam has been activated.
- Exam details and accuracy can be reviewed within the ProctorU administrative account.
- Test-takers may begin scheduling appointments. The administrative account also provides access to records of proctored exams.



Have Questions?

If you have further questions, please contact an
assessment services representative at

passwords@proctoru.com

User Exam Day Preparation – Record+

Believe it or not, your candidates success starts with you!

<https://www.proctoru.com/auto-resource-center>

Encourage testing out equipment prior to test day

Be in a private, well lit location free from any other people

On a normal day, the start-up process will be between 5 and 15 minutes, and it does not take away from exam time.

Exam Day – Record+

- Log into LMS and find exam
- Test taker will select exam and ProctorU extension will populate exam password to allow entry
- Test taker will complete authentication steps (Profile photo, ID photo)
 - Proctor can verify after the fact upon review if included in service line
- Test taker will confirm exam rules

Exam Day – Record+



Post Exam Review – Record+

Screenshot of the ProctorU interface showing a post-exam review screen. The interface includes a navigation menu at the top with options like Schedule, Sessions, Users, Institutions, Accounting, Reports, Access Codes, Locations, and Utilities. The main content area is divided into two columns. The left column contains a 'Flag as incident' button, an 'Add Note' button, and a 'Location' field. The right column features a video player showing a man with glasses and a beard, and a smaller video player below it showing the ProctorU logo. A watermark for 'RECORDED WITH SCREENCAST MATIC' is visible in the bottom left corner.

SHARING SESSION

