





DISTANCE LEARNING

UNIVERSITI TUN HUSSEIN ONN MALAYSIA

 BLOOM'S TAXONOMY	 METHODS OF ASSESMENT
Knowledge	Objective Question, True/False, Matching, Fill in the blank, Gamification, Quiz
Comprehension	Simulation, Animation, Tutorial
Application	Objective Question, Subjective Question, Essay, Tutorial, Simulation, Gamification, Case Study
Analysis/ Synthesis	Subjective Question, Essay, Project, Portfolio, Simulation, Case Study


Distance Learning uses electronic and non-electronic media as a medium of communication between lecturer and students so that students can master the knowledge and skills in learning.


ASYNCHRONOUS

Information is left for the student to read later




SYNCHRONOUS

Information is sent and received immediately by the student



Formative Assessments

- Assessments that require lecturer and student to provide continuous feedback so that learning objectives can be achieved.

Online Discussion / Posting

Students argue and give ideas about certain topics during the discussion.

Lecturer

- Provide discussion space, assessment guidelines, submission deadline.
- Provide topic of discussion and monitor student engagement, so that learning objectives are achieved.
- Help students when they are having difficulties to understand certain topics.

Student

- Provide feedback in a form of inquiry or comments about the topic of discussion.

Quiz (Objective Question / Subjective Question)

Assessment in a form of quizzes helps lecturer and student to know student's learning progress performance.

Lecturer

- Provide online quiz questions, assessment guidelines, assessment execution time.
- Quiz assessment results (objective questions) can be generated automatically and can be shared with students.
- Subjective questions require lecturer to respond on comments at the comments section for further discussion with student.

Student

- Answer the quiz within the time given by the lecturer.

Summative Assessments

- Assessment that is used to assign student grades and make into a conclusion that the learning objectives can be achieved.

Midterm Test / Final Examination

Midterm test and Final examination are conducted online by using assessment tools available in any learning platforms.

Lecturer

- Provide questions via online, assessment guidelines, assessment execution time.
- Plan and ensure students are able to undergo assessment.

Student

- Answer the test or final exam questions within the time given by the lecturer.

Project

Projects include Simulation, Case Study, Problem Solving exercise and group work.

Lecturer

- Prepare assessment forms; peer-evaluation form, project evaluation form, self-evaluation form.

Student

- Report project development and findings using websites, blogs, forums, or discussion board within the time given by the lecturer.



Formative Assessment & Summative Assessment

Portfolio

Portfolio is a medium for reporting and presenting continuous output of learning outcomes in various ways such as audio, video, graphics and simulation.

Lecturer

- Provide questions to ensure continuous assessment exists, assessment guidelines, assessment execution time.
- Provide portfolio evaluation rubric.
- Portfolio evaluation can also be done through peer review.

Student

- Report learning activities creatively using audio, video or graphics.

Case Study

Case Study can be used for individual or group assessment.

Lecturer

- Provide case study questions, assessment guidelines, assessment execution time.
- It is recommended to involve 5 to 6 students in a group.
- Suitable for assignments that involve problem solving approaches as it will give opportunities for students to reflect and work as a team.
- Provide feedback to student's question.

Student

- Responsible in giving feedback to case studies in a form of report and other supporting resources.
- Reporting methods can be in a form of simulation, gamification, video, slides, graphics or animation.

Simulation / Gamification / Animation

Simulation conducted in the lab for technical subject is costly. Another alternative is to use a lab kit or virtual simulation.

Lecturer

- Maximize video conferencing technologies for skills type of assessment.
- Provide assignments in a form of activities using scenarios, assessment guidelines, assessment execution time.
- Plan and ensure students are able to undergo assessment.

Student

- Report the tasks in a form of simulation, gamification, video or animation.



Continuous Quality Improvement (CQI)

CQI

An approach to ensure continuous quality improvement through continuous assessments, in order to achieve the learning objectives. Through CQI, student's performance can be monitored periodically and identified in advance so that interventions can be conducted to maintain student performance throughout the course.

Lecturer

- Conduct Teaching & Learning (T&L) activities according to the learning objectives.
- Provide T&L materials creatively as to ensure students can access T&L materials online or using courier for those without internet access.
- Monitor student assessment performance accordingly.
- Conduct self-academic audit to ensure student achieve the learning objectives.



References

1. Roblyer, M.D., & Doering, A. H. (2010). *Integrating Educational Technology Into Teaching* 5th Edition. Pearson Education Inc. Boston. MA.
2. Rasheed, R.A., Kamsin, A., Abdullah, N.A. (2019). Challenges in the Online Component of Blended Learning: A Systematic Review. *Computers & Education Elsevier*. Vol. 144.
3. Shahrin. M. (2010, Oktober 19). Closing the loop (Continuous Quality Improvement). Retrieved from: <https://people.utm.my/shahrin/files/2017/08/slides-CQI-Utem-color.pdf>.



Any further inquiry may contact
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TEACHING DELIVERY

- Collaborative Learning
- Problem Based Learning
- Scenario Based Learning

RESOURCE

Email, Blog, Listserv, Bulletin Board

TOOLS

UTHM Email, Author, Edmodo, Schoology, Google Classroom, WhatsApp, Telegram, YouTube, Icecream Screen Recorder,

ASSESSMENT

- Formative Assessment
 - Quiz, Presentation, Project Based Activities, Task Based Activities
- Summative Assessment
 - Open Book Test, Online Test

ASSESSMENT TOOL

Padlet, Google Form, Online Learning Embedded Assessment Tool

TEACHING DELIVERY

- Collaborative Learning
- Interactive Learning
- Problem Based Learning
- Gamification Learning Activities

RESOURCE

Instant Messaging, Chatrooms, Video Conferencing

TOOLS

WeChat, WhatsApp, Zoom, WebEx, Facebook Live, Google Hangouts, Skype

ASSESSMENT

- Formative Assessment
 - Online Quiz, Live Presentation

ASSESSMENT TOOL

Padlet, Google Form, Online Learning Embedded Assessment