Australia-ASEAN Academics Forum

Online education during Covid-19 and beyond.

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BRINGING TOGETHER THE PEOPLES OF
AUSTRALIA & SOUTH-EAST ASIA

Online Education: An Emergent Response or A Necessity?

Assoc Prof Jiangang Fei

Associate Head Learning and Teaching
Australian Maritime College, College of Science and Engineering

Australian Maritime College

✓The Australian national institute for maritime education, training and research

✓Two national centers with four discipline areas

- National center for Ports and Shipping

  o Maritime business and international logistics (MLM)

  o Ocean seafaring (OS)

  o Coastal seafaring and VET courses (MOCS)

✓National center for Maritime Engineering and Hydrodynamics (MEH)

Pre-COVID-19 online education

	Content	Delivery	Engagement	Assessment
MLM	Fully online	Blended	Blended	Fully online (on-campus exam)
OS	Limited	Classroom	Classroom	Classroom + Quizzes
MOCS	Limited	Classroom	Classroom	Classroom
MEH	Limited	Classroom	Classroom	Classroom + Quizzes

Online education after responses to COVID-19

	Content	Delivery	Engagement	Assessment
MLM	Fully online	Fully online	Fully online	Fully online
OS	Online	Fully online	Fully online	Fully online
MOCS	Some online	Some online	Some online	Some online
MEH	Limited	Fully online	Fully online	Fully online

Online presence

○ Content: from PDF files to interactive web-page design and anything in between

○ Delivery: a mixed use of pre-recording, live sessions using Zoom or Web-conferencing with accessory tools

○ Engagement:
  ✓ Peer-to-peer: Ranging from limited engagement to designed, monitored and assessed engagement activities
  ✓ Lecturer-students: online post, email, one-to-one/one-to-small group consultation

○ Assessment: fit for purpose; a compromise; delayed

Moving online – the challenges

- Time and resources

- Standards and consistency

- Digital literacy of students and academic staff

- Assessment design

- Attendance and engagement

- Practical

Success factor – commitment

✓University provided resources and support through each college
- o Moving content online: template
- o Assessment (re)design
- o Workshops for teaching staff
- o Online resources for students and staff

✓Willingness of teaching staff
- o Can-to attitude
- o Think outside the box

✓Community of practice to share
- o Experience
- o Successful stories
- o Best practices
- o Student feedback

Success factor – engagement

✓Engagement with content – students need to know
- o Why: the relevance to subject, assessment, and application
- o What (to achieve): the learning outcomes
- o How: the steps

✓Engagement with peer
- o Live session – synchronous
- o Online forum – asynchronous
- o Motivation

✓Engagement with lecturer
- o Regular communication
- o Available
- o Willing to help

Success factor – monitoring

Using analytics provided by the Learning Management System (LMS) to monitor

✓Student engagement with content

✓Student completion of assessments

✓Interactions (in the online forums)

✓Study progress

An example of using Intelligent Agent for monitoring is provided separately

Using Intelligent Agents to formulate digital Connections

- What are digital connections in this context?

- What have I done?

- What have been achieved?

- What is the evidence?

What are digital connections in this context?

- ✓ Student engagement with Online content

- ✓ Peer interactions in Discussion Forum

- ✓ Student interactions with the lecturer via email and Online

- ✓ Student engagement in e-tivities

Student progress

Student Forum

This discussion space is provided for students to share their experiences about all aspects of this unit.

Topic	Threads	Posts	Last Post
Introduce yourself ⌄ Here is the place for you to introduce yourself to the class and say hello to each other.	49	92 (9)	yesterday at 18:48
Module discussions ⌄ If you have any questions, discussion points or resources to share regarding any of the modules, this is a place for you to post.	7	14 (1)	18 November at ...
About the assignments ⌄ This space allows you ask questions or share resources related to your assignments. As your Unit Coordinator, I will post information to guide you to prepare for the assignments.	1	2	Jiangang Fei 11 November at 11:19

Intelligent Agent

Agent List

⚙ Settings

[New]   [More Actions ⌄]

View: [All agents ⌄]   [Apply]

☑ Enable   ☒ Disable   🗑 Delete

	Agent ▲	Results of Last Run	Last Run Date	Next Run Date
☐	High achievement_Assessment 1 ⌄		-	-
☐	High achievement_Assessment 3 ⌄		-	-
☐	Late submission reminder_Assignment 1 ⌄		-	-
☐	Late Submission Reminder_Assignment 3 ⌄		-	-
☐	Low scores_Assessment 1 ⌄		-	-
☐	Low scores_Assessment 3 ⌄		-	-
☐	MyLO Engagement Reminder ⌄	8 users identified	4 hours ago	Monday, 30 November, 2020

Create a New Release Condition

Release this item when the following condition is met:

Condition Type

[Completed checklist item   ⌄]

-- Select Condition Type --
Assignments
    Submission to folder
    Receive feedback on submission
    Score on associated rubric
    No submission to folder
Awards
    Award Earned
Checklist
    Completed checklist
    Completed checklist item
    Incomplete checklist
    Incomplete checklist item
Classlist
    Group Enrolment
    Org Unit Enrolment
    Section Enrolment
    Role in current org unit
    Date of Enrolment in Current Org Unit
Competencies

Outcomes

- ✓ Increased student engagement online
    - ✓ Unit access
    - ✓ Content completion
- ✓ Increased peer-to-peer interactions
- ✓ Increased interactions with me as the lecturer
- ✓ Enhanced awareness of student learning progress

Evidence

Responses from Online Engagement Message

Thanks for your e-mail. Yes I have been very busy here at the port with the lockdown, mainly dealing with our development and costs associated with the downtime, so lots of time with lawyers. I have been doing the readings etc which I had downloaded and the text and will catch up in the next week or so.

Thank you for your email regarding to my studying. I am experiencing some difficulties during the lock down so I need to spend a lot time to handle my situation. This email is to reassure that I will try my best to catch up with the class.

Thank you for reaching out. As it happens, I am battling to manage my current workload and study commitments; notwithstanding, my seasonal work commitments cease in 10 days, after which I will have ample time to focus on my studies.

Evidence

Responses from High Achievement Message

Thank you so much for your kind words and encouragement. You should also be commended for the way in which you have seamlessly transitioned the delivery of unit content in these unprecedented times.

It can often be difficult as a distance student to feel engaged with the class and teaching staff. I am pleased to report that this was not the case in your class and your model of student engagement and presentation of material should be a model for other lecturers to follow.

Thank you for your email and encouragement to me on assignment 2 and further studying. I followed your guidance after assignment 1, checking the documents in Mylo and thinking about the meaning of "discuss" and "analysis". But I cannot make progress without your help.

Online education in a post-COVID-19 era

o Is online education the future of education? – flexibility, accessibility, customized learning experience, cost-effectiveness

o Student cohorts
- o School leavers
- o Mature-age students

o Learning experience and outcomes

o Educational technologies: big data analytics, artificial intelligence, virtual reality (VR) and augmented reality (AR)

Thank you for your attention!

Questions?