# Silliman University

## Dr. Mariano Lao Webinar Series on Online Distance Learning

## 8 August 2020

## Asynchronous Delivery

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**RVR-College of Business**
**De La Salle University**
**Manila**

It is a Catholic coeducational institution founded in 1911 by the Brothers of the Christian Schools. The University is a hub for higher education training renowned for its academic excellence, prolific and relevant research, and involved community service.

Address: Taft Ave., Manila, Phils.

# Introduction



ICT transformed classroom environment

Author's 12 years of online learning use and experience

**Teaching**: process of attending to people's needs, experiences and feelings, and intervening so that they learn particular things (Smith, 2018)

*Learning: the transformative process of taking in information that—when internalized and mixed with what we have experienced—changes what we know and builds on what we do (Bingham & Conner, n.d.)*

# Bloom's Taxonomy

**create** — Produce new or original work
Design, assemble, construct, conjecture, develop, formulate, author, investigate

**evaluate** — Justify a stand or decision
appraise, argue, defend, judge, select, support, value, critique, weigh

**analyze** — Draw connections among ideas
differentiate, organize, relate, compare, contrast, distinguish, examine, experiment, question, test

**apply** — Use information in new situations
execute, implement, solve, use, demonstrate, interpret, operate, schedule, sketch

**understand** — Explain ideas or concepts
classify, describe, discuss, explain, identify, locate, recognize, report, select, translate

**remember** — Recall facts and basic concepts
define, duplicate, list, memorize, repeat, state

Source: https://cft.vanderbilt.edu/guides-sub-pages/blooms-taxonomy/

**ICT**:  devices, networking components, applications and systems that combined, allow people and organizations (i.e., businesses, nonprofit agencies, governments) to interact in the digital world (Rouse, n.d.)


*__ICT__:  leveraged for economic, societal & interpersonal transactions/interactions…individuals moving from personal, face-to-face interactions to ones in the digital space…ushered Fourth Industrial Revolution (Rouse, n.d.)*

**ICT in education**:  mode of education that use information and communications technology to support, enhance, and optimize the delivery of information

*Increase in the use of ICT in education with integrating technology to curriculum has significant and positive impact on students' achievements (Aoki, 2010)*

Students continuously exposed to technology through education - better 'knowledge', presentation skills, innovative capabilities, and are ready to take more efforts into learning as compared to their counterparts (Aoki, 2010)

**Online learning** - education that takes place over the Internet…Catalyzes pedagogical shift in how we teach and learn…Shifts away from top-down lecturing and passive students to more interactive, collaborative approach in which students and instructor co-create the learning process (Stern, n.d.)…Facilitated through ICT

**Components of a successful online learning** (Pallof et all, 1999)
1. Access to technology;
2. Guidelines and procedures;
3. Participation;
4. Collaborative learning;
5. Transformative learning or learning about learning, technology and oneself; and
6. Evaluation of the process.

# Synchronous vs Asynchronous Learning

## WHAT IS SYNCHRONOUS LEARNING?

Takes place in real-time with groups of learners

## WHAT IS ASYNCHRONOUS LEARNING?

A more learner-centered approach

Source: https://www.learnupon.com/blog/synchronous-learning-asynchronous-learning/

## Synchronous learning     ## Asynchronous learning

| Synchronous learning | Asynchronous learning |
|---|---|
| Can be done online via live webinars, instant messaging, and virtual classrooms | Can be completed through online courses, email, blogs, pre-recorded videos or webinars, online discussion boards |
| Collaborative and feedback-friendly | Learners complete courses in their own time and regardless of location |

## **Synchronous learning**



○takes place in real-time,

○group of students engaged simultaneously,

○learning occurs at the same time,

○enables learners to ask questions and receive answers on-the-spot,

○collaborates freely with their co-learners.

## **Asynchronous learning**

more <u>learner-centered</u>,

doesn't hinder learners by place or time,

deferred feedback,

freedom to complete course materials whenever they choose, and from any location.

## Synchronous learning

## Asynchronous learning

**PROS**

**PROS**

| Synchronous learning | Asynchronous learning |
| --- | --- |
| High interaction with instructors and other learners | Offers flexibility as learners go at their own pace |
| Feedback is immediate | It's cost effective - no travel, venue, or instructor costs |
| Learner questions can be answered instantly | Scales training as you can train thousands of learners at once |

## Synchronous learning

## Asynchronous learning

### CONS

Learners adhere to a specific training schedule and can't access content where and when they like

Some learners may feel they're not receiving the individual attention they need

Quality of the sessions depend on the instructor

### CONS

Contact through asynchronous learning may be limited
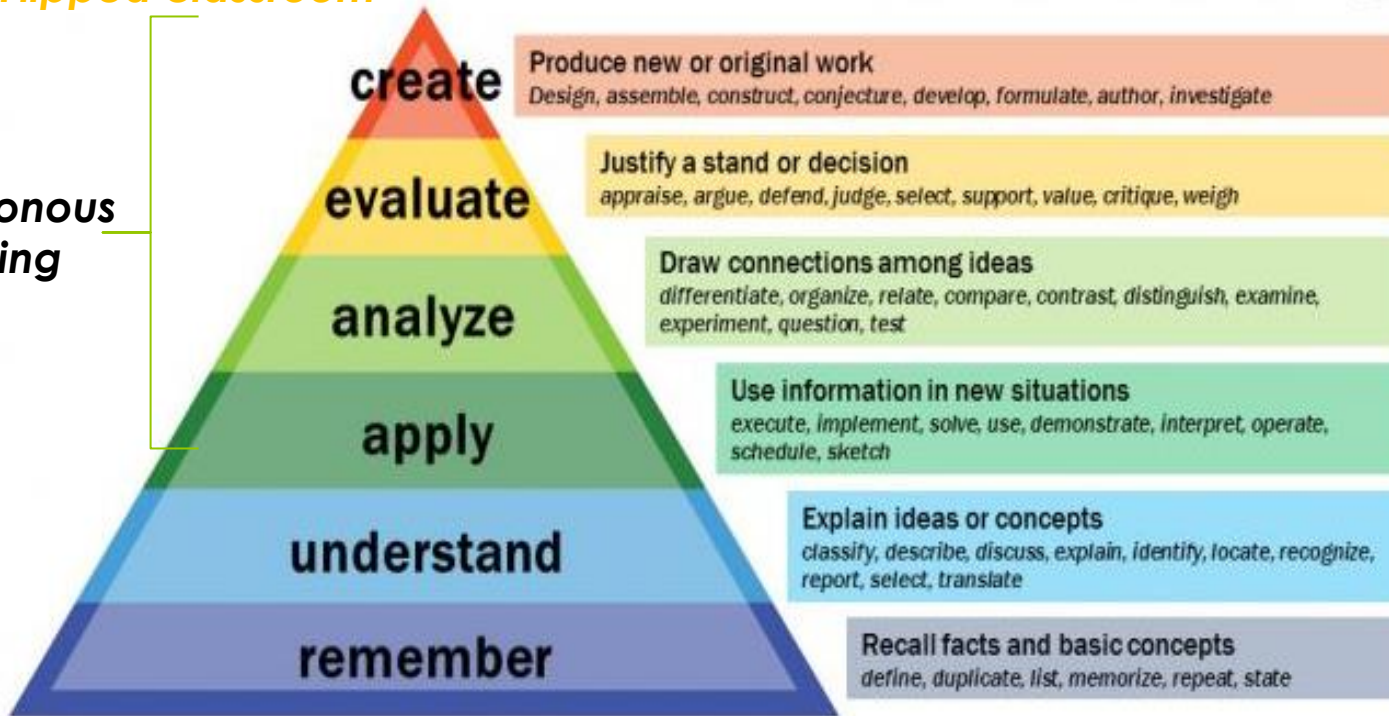
Leaves some learners feeling isolated

Learners need to be self-disciplined and motivated to complete their courses

Source:  https://www.learnupon.com/blog/synchronous-learning-asynchronous-learning/

## Asynchronous activities

1. *Case studies*
2. *Business research*
3. *Projects/feasibility studies*
4. *Other field-based activities*
5. *Gamification*
6. *Flipped classroom*

*Asynchronous learning*

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Source: https://cft.vanderbilt.edu/guides-sub-pages/blooms-taxonomy/

Quizzes

Modules

Conferences

Collaborations

Attendance

New Analytics

Office 365

Studio

McGraw Hill Campus

Google Drive

Chat

Settings

Account

Dashboard

Courses

Calendar

Inbox

Studio

Commons

Help

**Session 1: 6 Jul 2020, Online Lecture and Hands on Computations (Synchronous)**

Zoom meet link: Meeting ID: 863 0025 3725, Password: QmtGMAS1

Class introduction, Course syllabus, AnimoSpace orientation, Housekeeping rules

Session 1 materials - Textbook, Presmat by professor, Excel sheet for hands on computations

Lecture Topics - Introduction to Quamet and Review of Probabilities

QuametIntro2.ppt

QuametSet1ProbyRevFin.ppt

Session 1 Assignments

Student_Information_Sheet.doc

Session 2 Student Information Sheet
Jul 10 | 0 pts

DESelfAssess.doc

Session 2 Distance education self-assessment
Jul 10 | 0 pts

Zoom video lecture

QmtGMAS1.mp4

**To Do**

20 Grade Session 2 Distance education self-assessment
0 points • Jul 10 at 23:00

20 Grade Session 2 Student Information Sheet
0 points • Jul 10 at 23:00

22 Grade Session 2 Chapter 1 summary and reflection
100 points • Jul 13 at 23:00

18 Grade Session 4 Volunteer exercise
2 points • Jul 27 at 23:00

16 Grade Session 5 Volunteer exercises
2 points • Aug 3 at 23:00

**Coming Up**          View Calendar

Session 6 Volunteer exercises
MSC530M - GMA
2 points • Aug 10 at 23:00

Account

Dashboard

Courses

Calendar

Inbox

Studio

Commons

Help

▼ Session 2: 13 Jul 2020, Online Discussion Forum (Asynchronous)

Session 2 Grouping - please see your grouping in the announcement section and share with your group mates

Session 2 materials - Textbook for case study, Web business research links, DE self assessment & Student information sheet files

Case study 1 discussion forum

Session 2 Case 1 Food & Beverages at Southwestern Univ Football - discussion forum: Groups 1 & 2

Web business research discussion forum

Session 2 Group 3 Web business research on probability, discussion forum with Group 5 only

Session 2 Group 5 Web business research on binomial distribution, discussion forum with Group 3 only

Session 2 Group 4 Web business research on statistics, discussion forum with Group 6 only

Session 2 Group 6 Web business research on normal distribution, discussion forum with Group 4 only

Session 2 assignment

Session 2 Chapter 1 summary and reflection
Jul 13 | 100 pts

# Author contact details

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# Recommended Practices for A Successful Asynchronous Delivery & Learning

Asst. Prof. Myla Jean P. Sardan
Faculty, Business Analytics Department
College of Business Administration
Silliman University

# Objectives:

❑ **Forms of Asynchronous Delivery**

❑ **Benefits**

❑ **Tips**

# Asynchronous Delivery is best for:

✓ Uploading resources & assignments (e-books, Powerpoint slides converted to pdf)

✓ Recorded Lectures
- Powerpoint slides with recorded narration
- Loom
- Smartphone

✓ Forums
✓ Chat
✓ Email
✓ Short Quizzes

# **Asynchronous Delivery is best for:**

- Uploading resources & assignments
  - E-books
  - Powerpoint slides converted to pdf
  - Interactive videos
  - Videos from Youtube and other sources

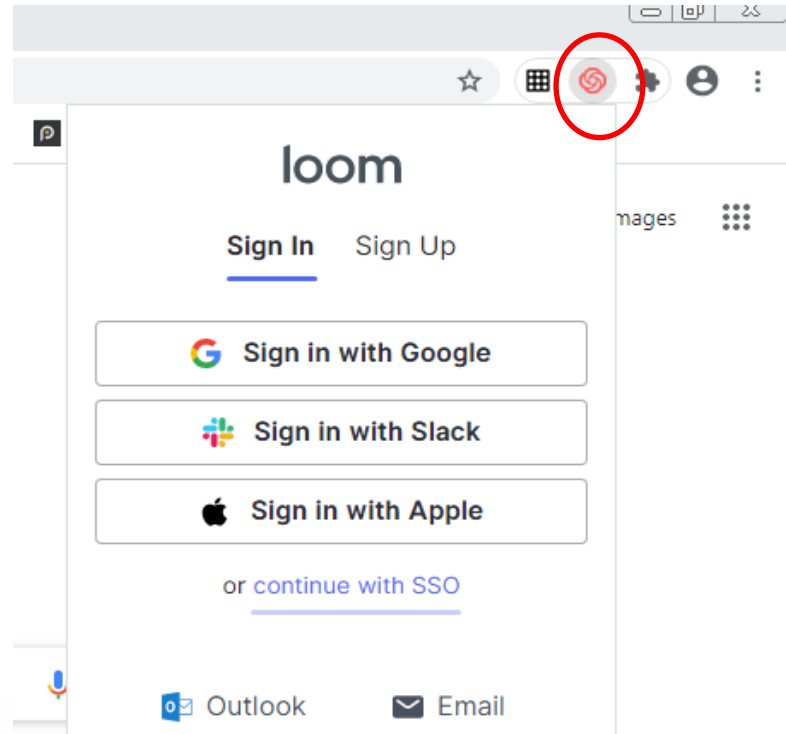  Students can download these anytime and view them multiple times

# **Recording Lecture Discussions**



- Powerpoint slides with recorded narration

- Office 365 – Recorded narration includes a video of you

- Lower versions – Recorded narration only

# Recording Lecture Discussions

- Powerpoint slides with recorded narration

➢ Common presentation tool
➢ Easy to use, software familiarity
➢ Built-in animations and transitions
➢ Allows you to edit narration per slide
➢ Export it as video
➢ Upload it in mySOUL, Google Drive or Youtube

# Recording Lecture Discussions

- Loom



- Google Chrome – Apps – Web Store – Extensions - Loom

# Recording Lecture Discussions

- Loom

➢ Easy to use screen recording capability
➢ Internet –dependent
➢ Options available: Screen only, Screen and Video
➢ Video trimming capability
➢ Uploaded in Loom and share the link in class

# Recording Lecture Discussions

- Smartphone

➢ It's the most available tool!
➢ Upload video on mySOUL, Google Drive or Youtube

# Using Forums

- Allows you to post questions for everybody to discuss
- Forums allow public and private replies
- Replies to forums can be sent to your email address

# Using Forums

- Forums can be graded
  - ✓ class participation
- Some students are more comfortable typing their answers than talking

# Using Chat & E-mail

- Chat sessions are recorded and can be reviewed anytime

- Students can send private chats for inquiries, clarifications about the subject matter

## Using Chat & E-mail

- Email notifications can be enabled when private messages are sent

- Email can be sent and received anytime

# Using Short Quizzes

- Pre-test

- Post-test

# Benefits

➢ Students learn at different times

➢ More convenient / flexible for both students and teacher

➢ Students can participate on their own time

➢ Location independent (can access anywhere as long as internet is available)

# Benefits

➤ Internet-speed friendly

➤ Lesser use of internet data

➤ Students are less discouraged -> enjoys online learning

**Tips**

✓ Post schedule per week/ month

✓ Create a Forum for Announcements

✓ Orient students with the types of activities that you will be using

# Tips

✓ Discuss your virtual classroom policies

✓ Record your video conference sessions and share your link to the class

✓ Use the mySOUL mobile app

"Asynchronous Delivery has helped me cope with the challenges in Online Learning in terms of internet speed, hardware requirements, limited breaks between classes, and content preparation." With Asynchronous delivery, I am able to meet my target objectives for each lesson, while not being overwhelmed with having to go "live" every meeting."

# Thank You!