Driving and measuring innovation in teaching

Yong Jiawei
Singapore Management University
Agenda

1. Driving New Tools
2. Measuring the Usage
3. Q & A
IT Perspective

New Technology
Evaluation Process
Selected Technology
Implementation
Usage

Promote The Tool

Collect Feedback

Measure Utilization
Workshops and Briefings

Undergraduate Term

Faculty/Staff Workshop
Orientation Briefing

Week 1

TA Workshop

Week 16

Peer Evaluation
Gradebook & Results Processing

EPTL CLINICS

eLearn Tools
Echo360 Personal Capture
WebEx
Publicity with Posters

Student

Teaching Assistant

Faculty
User Stories Sharing Use Cases

ACTIVE ELEARN USER FROM SOA

Wong Suay Peng
Senior Lecturer
School of Accountancy

ACCT 102 - Management Accounting
ACCT 112 - Management Accounting

"With the quizzes function in eLearn, I will not need to do manual marking and more resources can be transferred into enriching the class lessons."

Original Pains
- A lot of time was spent on manually marking the MCQs.
- Students might be uncomfortable doing peer evaluation in class.

Frequency of Tools Used
- Content
- Discussions
- News
- Dropbox
- Grades
- Quizzes
- Peer Evaluation

Quizzes

Peer Evaluation

Used for: Weekly quizzes
Benefits: A lot of time can be saved by Automatic Grading on MCQs and the results can be released to the students immediately.

Dropbox

Used for: Submission of assignments and Plagiarism detection.
Benefits: With the built-in Turnitin, plagiarism can be detected and the integrity of the students’ work can be maintained.

Used for: Clearing any doubts that students might have.
Benefits: The questions and responses can benefit the entire class as the Discussions tool is accessible by all the students. No need to reply individual questions via email.

Illustrating the benefits of using specific tools
Put up in places Faculty frequent within their school
Gifts

Faculty

Student

Teaching Assistant
Competition for Awareness

**Competition 1**

*Competition* - Win an iPad while learning!

**Competition 2**

*Competition* - POST QUESTIONS AND ANSWERS

**Competition 3**

*Competition* - Prizes

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**Graph:**

- April 2014: 150
- July 2014: 300
- October 2014: 150
- January 2015: 300
- April 2015: 150

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*SMU* - Singapore Management University
Digital Communications

PERSONALIZED ATTENTION

Reaching out to specific users who may be able to leverage on specific tools
- WebEx for remote learning for classes affected by Public Holidays
- Extracts of reports for Analytics based on online quizzes
Measuring – What Is A Problem?
Measuring – Usage by Users

LMS - eLearn Dashboard

Program Summary

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<th>Program Name</th>
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Star Instructor / Course Analysis

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## Threshold Measurements

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<td>Teaching Materials</td>
<td>Have teaching material(s) uploaded</td>
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<td>Discussion Forums</td>
<td>Have two or more postings</td>
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<td>Quizzes</td>
<td>Have at least one quiz with at least one attempt</td>
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<td>Gradebook</td>
<td>Have at least one assessment component within the gradebook</td>
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Mass Feedback

Qualtrics

Faculty & Student

Satisfaction Level

Ranking the relevance
Addressing Specific Users

Issues/Requirements

Awareness

Follow-up
Going Forward

Effectiveness of Technology

Learning Analytics
- Online Assessment
- Teaching Materials

Student Success System
- Competency & Rubrics
- Discussion Forums

Usage → Meaningful Measurement
Wrapping Up

Driving New Tools

- Return on Investment
- Reach out in various ways

Measuring the Usage

- Consider the metrics
- Capabilities of the tool
Questions?

Thank you!

SMU LMS Support
Email: elearn@smu.edu.sg