



MOOC MASTER

COMPETITION
2016

INFORMATION DOCUMENT



THE WORLD AWAITS!

!SITAWA A D BOW

Organized by

Instructional & Digital Learning Division –
Center for eLearning and Teaching (CeLT),
Department of Polytechnic Education,

In collaboration with

The Polytechnic eLearning Committee,

and **CIDOS - Inspiring Learning Awards 2016 Night**

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MOOC MASTERS COMPETITION

- ▶ The MOOC Masters competition is a new addition to the CIDOS Inspiring Learning Awards (eDOLA) family. It stresses on the importance of educators preparing MOOC courses for the usage of the Malaysian Polytechnics and later beyond our borders. MOOCs are to be developed based on the most recent curriculum and they are to provide a flexible means of online learning that is required in today's teaching and learning scenario.
- ▶ This competition stress on the following objectives:
 - ▶ 1) Creativity in designing an online teaching and learning package
 - ▶ 2) Application of innovative online pedagogies.
 - ▶ 3) Creating a socially constructive teaching and learning environment.
 - ▶ 4) Increasing Digital Literacy attainment among tutors and students
 - ▶ 5) Promoting global online learning
 - ▶
- ▶ The MOOC MASTERS Competition will include a several stages including a Pilot Test before the actual competition begins.
- ▶

TIMELINE

STEPS	START	END	NOTES
CREATING AN INSTITUTIONAL PAGE	01/02/16		PeL TO ASSIST
IDENTIFYING A COURSE/TOPIC	01/02/16	29/02/16	SUBMIT YOUR TOPICS/S VIA EMAIL FOR APPROVAL TO AVOID REDUNDENCY
BUILDING CONTENT	01/03/16	-	AFTER APPROVAL
PUBLISHING CONTENT	01/05/16	-	AS CONTENTS ARE BEING BUILD
PILOT TEST	01/06/16	01/11/16	JUNE SEMESTER 2016
POLITEKNIK MALAYSIA MOOC PORTAL LAUNCH	28/9/16	-	eDOLA2016
COMPETITION BEGINS	01/12/16	01/06/17	
ANNOUNCEMENT OF WINNERS	TBA	TBA	eDOLA2017

CREATING AN INSTITUTIONAL BRANDED PAGE

- ▶ This is the first step of building an online presence within OpenLearning.
- ▶ Please refer to manual document “CREATING AN INSTITUTIONAL BRANDED PAGE pdf”. This activity is only for the institution’s eLearning Officer (PeL).
- ▶ Coming soon!

IDENTIFYING COURSE

- i. Choose a course based on the current curriculum as stipulated in Appendix A. Each Polytechnic will also be given TWO wildcards. The titles for these wildcards can be chosen from any topics within the Malaysian Polytechnic Curriculum.
- ii. Choose a topic within the course which can be covered within 2 to 3 weeks (6 to 9 hours Student Learning Time (SLT)). The topic chosen should have an international appeal.
- iii. In order to avoid redundancy , please submit list of topics , and synopsis to the MOOC Master Competition Committee (celt.moocmaster@gmail.com) for approval by 29th February 2016
- iv. Each Polytechnic may submit a maximum of **SIX** topics for approval but each Polytechnic is only required to submit **ONE** approved MOOC for the competition.

BUILDING CONTENTS

Each course should include :

VIDEOS

- i. ONE introductory video (3 minutes)
- ii. a minimum of SIX content videos of which 3 are self-produced video and the rest can be obtained from readily available online resources (YouTube, VIMEO etc.)
. Each video should be within 5 to 7 minutes in duration

ACTIVITIES

- i. Each MOOC should have at least THREE to SEVEN activities (eg: Quiz, Assignment etc.)

eNOTES

- i. Each MOOC should have at least FIVE to SEVEN e-Notes (pdf , slideshare etc.)

BUILDING CONTENTS cont...

FINAL ASSESSMENT

- i. Each MOOC should have ONE Final Test (eg: Multiple Choice Question , Open Ended etc.) to evaluate the students understanding of the entire course.

OTHER ACTIVITIES / CONTENT

- i. a feedback page
- ii. images , wiki pages etc.

LANGUAGE

- i. Use English as the medium of instruction for the course.
(this also applies to courses taught in Malay)

ELEMENTS TO BE ASSESS

The course homepage:

- ▶ The course homepage to be welcoming and informative for students

Modules:

- ▶ Well-structured modules that have a logical flow (they build topic knowledge appropriately from one module to the next)

Course Content (e.g. videos, wiki pages, files etc)

- ▶ Varied types of content to make the material interesting and engaging, that addresses different learning styles
- ▶ Clear, attainable learning outcomes for course or per module mentioned in module desc/promo page/other page in course

ELEMENTS TO ASSESS cont...

Activities (for every module):

- Active learning experiences that connect the topic with the students and their world
 - ✓ Student-centred activities
 - ✓ Activities that invite peer-to-peer interaction
- Activities that are fun/engaging (if activities aren't fun/engaging, students won't be learning)
- Activities that promote creativity and critical thinking/problem-solving
- Final course activity/project related to course outcome

Promotional aspects of the course:

- Catchy course title that also conveys what the course is about
- Promotional course landing page provides a catchy and engaging summary of what the course is about, including conveying key information such as: course outline, course duration, and why students should enrol!
- Relevant course banner and course imagery

ELEMENTS TO ASSESS cont...

Building and maintaining course community:

- ▶ Fun and relevant “introduce yourself” activity ice-breaker (to build rapport)
- ▶ The language and images you use throughout your course to create a warm, fun and inviting online atmosphere
- ▶ Being active, present and engaged in the course (liking, commenting, sharing)
- ▶ Facilitating discussion
- ▶ Modelling ideal responses by commenting in a positive and uplifting way
- ▶ No “assessments” or “deadlines” (we don’t mean no submissions! We just mean engaging MOOCS don’t use the language of “assessment” as this creates a barrier to engagement and course involvement. Give fun names to submission activities without any deadlines!)

MOOC MASTERS COURSE CHECKLIST

Course Start-Up :

- ▶ course topic
- ▶ course title
- ▶ course goal/learning outcome(s)
- ▶ course final activity
- ▶ target audience identified
- ▶ brief course structure (for e.g., brainstorm & mind-map)

Course promotion, branding and design :

- ▶ promotional page with promotional picture/video
- ▶ catchy summary including estimated time of completion and how the course is useful
- ▶ course thumbnail and banner images set
- ▶ layout design, themes and colours
- ▶ home page

CHECKLIST cont...

Course Content

- ▶ Well-structured modules with clear module outcomes
- ▶ Varied content presentation
- ▶ Relevant and engaging activities for each module
- ▶ Extra features & activities: Q&A, etc. (located in left bar menu)
- ▶ Certificate option
- ▶ Comment thread title
- ▶ Marking activities set up

Course Navigation and Timeline

- ▶ Course navigation tabs on the left-hand checked to suit your course
- ▶ Course timeline set

CHECKLIST cont...

Final Review & Editing

- ▶ course title
- ▶ promo page
- ▶ home page
- ▶ content & activities
- ▶ consistency in design
- ▶ third-party review

Going LIVE

- ▶ set the course “online”
- ▶ set the course “listed publicly”
- ▶ Set course fee if applicable
- ▶ send invitation emails
- ▶ course promotion via Newsletter, Twitter, Facebook

PUBLISHING CONTENT

- ▶ A new OpenLearning publishing template will be developed in March 2016 . CeLT will inform as accordingly.
- ▶ The recommended date of publishing is 1st May 2016 however it is up to polytechnic to plan their schedule.

PILOT TEST

- ▶ Each Polytechnic should conduct a pilot test of the developed MOOC based on the given timeline. The pilot test should involve students and be able to evaluate the effectiveness of the developed MOOC.
- ▶ The pilot test is to determine the short comings of the course.

COMPETITION

- ▶ The MOOC MASTERS competition will take place during the December 2016 academic session.

APPENDIX A

	POLY	PROGRAMS INVOLVED
1	PUO	MARINE ENG; AIR CONDITIONING; BANKING AND FINANCE; ARCHITECTURE (SEM 2 - 3); INFORMATION SECURITY; ENGLISH/MATHEMATICS/SCIENCE
2	PSA	MEDICAL ELECTRONICS; FACILITY MANAGEMENT; INSURANCE ; BUILDING SERVICES; PACKAGING; GSMS
3	PIS	FASHION DESIGN; GRAPHIC DESIGN; INDUSTRIAL DESIGN; MECHATRONIC ENG (SEM 3 – 6); MECH (MATERIALS); ENGLISH/MATHEMATICS/SCIENCE
4	POLIMAS	TOWN PLANNING; MARKETING (SEM 3 – 6); MECH (AUTOMOTIVE); MECH PLASTIC (SEM 1 – 2); MATHEMATICS/ SCIENCE
5	POLISAS	FOOD TECH; SECRETARIAL SC. (SEM 3 – 6); e COMMERCE; ELECTRONIC COMPUTER (SEM 3 – 6); ENGLISH/MATHEMATICS/SCIENCE
6	PKB	QUANTITY SURVEYING (SEM 3 – 6); ELECTRICAL ENG (SEM 3 – 6); MECH (AGRICULTURE); ELEC AND ELECTRONIC ENG (SEM 3 -6); MATHEMATICS/SCIENCE
7	PKS	PETROCHEMICAL; BUSINESS STUDIES (3 - 6); LAND SURVEY (SEM 3 – 6); ACCOUNTANCY (SEM 3 – 6); ENGLISH/MATHEMATICS/SCIENCE
8	PPD	ARCHITECTURE (SEM 5 -6); CIVIL ENGINEERING (SEM 5 – 6); ELECTRONIC ENG COMPUTER (SEM 1 – 2); MARKETING (SEM 1 – 2); ENGLISH/MATHEMATICS/SCIENCE
9	PSP	LOGISTICS ; TEXTILE; MECH MANUFACTURING (SEM 3 – 6); ELECTRONIC COMM (SEM 2 - 3); MECH (PLANT)
10	PKT	ELECTRONIC COMM (2 OR 3 LOs) (SEM 5 – 6); PROGRAMMING (2 OR 3 LOs) (SEM 3 – 6);
11	PKK	WOOD BASED TECH (2 LOs); TOURISM (SEM 2 – 3); BUSINESS STUDIES (SEM 1- 2); QUANTITY SURVEYING (SEM 1 – 2);
12	PMK	INDUSTRIAL BUILDING SYSTEM (2 LOs); INTERNATIONAL STUDIES; MECHANICAL ENGINEERING (SEM 1 -2); ELEC ENG CONTROL
13	PSMZA	MECHANICAL ENGINEERING (SEM 3 – 6); CIVIL ENGINEERING (SEM 2 – 3); ELECTRICAL ENG (SEM 1 – 2); MECH PLACTIC (SEM 3 – 6)
14	PMM	HOSPITALITY/TOURISM (SEM 5 -6); HALAL FOOD PRACTICE; EVENT MANAGEMENT; ENGLISH/MATHEMATICS/SCIENCE

APPENDIX A cont...

	POLYs	PROGRAMS INVOLVED
15	PTSS	VIDEO AND FILM; DIGITAL ARTS; ELEC OPTOELECTRONIC; GAME TECHNOLOGY
16	PSAS	AUTOMOTIVE DESIGN AND MANUFACTURING ENG (2 LO); RETAIL MANAGEMENT (2 LOs)
17	PTSB	ENGINEERING SURVEY (SEM 1 – 2); MECHATRONIC (SEM 1 – 2); ACCOUNTANCY (SEM 1 – 2); MECH MANUFACTURING (SEM 1-2)
18	PSIS	ENVIROMENTAL SCIENCE (2 LOs); SECRETARIAL SCIENCE (SEM 1 – 2); ARCHITECTURE (SEM 1)
19	PMU	CIVIL ENGINEERING (SEM 1); ELECTRONIC ENG COMM (SEM 1); IT NETWORKING (2LO s) (SEM 3 – 6)
20	PMS	GRAPHIC DESIGN (PRINTING); MECH ENG (AUTOMATION); MECH ENG (PRODUCT DESIGN)
21	PJK	AQUACULTURE; AGRO TECH
22	PNS	HORTICULTURE LANDSCAPE; BIOTECHNOLOGY
23	PBS	AIRCRAFT ENG. MAINTENANCE; ENGLISH/MATHEMATICS/SCIENCE
24	PMJ	IT NETWORKING (SEM 1 – 2) ; ENGLISH/MATHEMATICS/SCIENCE
25	PHT	TOURISM (SEM 1) (2LOs)
26	PSS	AQUACULTURE; AGROTECH
27	PBU	PROGRAMMING (SEM 1 – 2)
28	ALL METrOS	ANY COURSE (ONE PER POLYTECHNIC)