Creating a MOOC for Library Instruction using Open edX

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Creating a MOOC: Step by Step
MOOC Project Proposal and Planning

- Which Course?
- Target Learners
- Objectives and Benefits
- Development Team
- Resources (Time, Budget, Equipment, etc)
- Work Plan

MOOC Proposal

Form: MUX-Proposal-2560

<table>
<thead>
<tr>
<th>1. หมู่งาน (ชื่อคณะ/ส่วนงาน และภาควิชา)</th>
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<tbody>
<tr>
<td>2. รายวิชาที่เสนอขออนุมัติ</td>
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  ประเภทวิชา  
  ☐ MOOC  
  ☐ SPOC (แบบแบ่ง คณะ. 3 ของรายวิชาด้วย)  |
  รหัสวิชา/ชื่อรายวิชา  
  ภาษาไทย  
  ภาษาอังกฤษ |
Learning Outcomes

Target Learners

วิเคราะห์ปัญหา หรือความท้าทายในการจัดการเรียนการสอน (P: Problem)

Course Details & Course Outline

Assessment Methods and Evaluation Criteria

Instructional Methods

Online Learning Activities

VDO content and media production plan
Creating and Reusing Digital Contents, OER and Copyright Issues
Create own educational resources

Reuse / remix educational resources created by others

Copyright issues / Legal cases

License

Public Domain
- No Rights Reserved
- Public Domain

Creative Commons
- Some Rights Reserved

Copyright
- All Rights Reserved

Copyright Ownership Waived
Author gives away right to the public

Copyright Ownership Retained
Author grants rights in advance.

Copyright Ownership Retained
Author does NOT grant rights to the public
CC License / สัญญาอนุญาต

Public Domain

Copyright

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OER
Open Education Resource
Open Educational Resources (OERs) are any type of educational materials that are in the public domain or introduced with an open license. The nature of these open materials means that anyone can legally and freely copy, use, adapt and re-share them. OERs range from textbooks to curricula, syllabi, lecture notes, assignments, tests, projects, audio, video and animation.

UNESCO

OER – Open and 5R

• Reuse
• Revise
• Remix
• Redistribute
• Retain
Textbooks, education materials from K-12 to college and university level.
College Physics Textbook, Videos, Test bank, powerpoint slides

Anatomy & Physiology

https://cnx.org/contents/FPtK1zmh

1.3 Functions of Human Life

Summary

The different organ systems each have different functions and functions can be summarized in terms of a few that we might c

CRITICAL THINKING QUESTIONS

Explain why the smell of smoke when you are sitting at a campfire does not trigger alarm, but the smell of smoke in your residence hall does.

[Show Solution]

Identify three different ways that growth can occur in the human body.

[Show Solution]
Heart Anatomical Structure Interactive Content
from Anatomy OPEN Textbook OPENSTAX.org

Metabolic Process Interactive Content
from Anatomy OPEN Textbook
1. Teaching in a Digital Age

☑ Adopted

Author(s): A.W. (Tony) Bates
Date: Jun 27, 2016
Description: The book examines the underlying principles that guide an age when everyone, and in particular the students we are teaching

3. Principles of Marketing

☑ Faculty reviewed ☑ Adopted

Author(s): Jeff Tanner, Baylor University, Mary Raymond, Clemson University
Date: Jul 27, 2015
Description: Principles of Marketing teaches the experience and process of marketing—not just the vocabulary. It carries five dominant themes through
Medicines by Design

Description: Medicines By Design aims to explain how scientists unravel the many different ways medicines work in the body and how this information guides the hunt for drugs of the future. Pharmacology is a broad discipline encompassing every aspect of the study of drugs, including their discovery and development and the testing of their action in the body. Much of the most promising pharmacological research going on at universities across the country is sponsored by the National Institute of General Medical Sciences (NIGMS), a component of the National Institutes of Health (NIH), U.S. Department of Health and Human Services. Working at the crossroads of chemistry, genetics, cell biology, physiology, and engineering, pharmacologists are fighting disease in the laboratory and at the bedside.

To the extent possible under law, US Department of Health and Human Services, National Institute of Health, National Institute of General Medical Sciences has waived all copyright and related or neighboring rights to Medicines by Design, except where otherwise noted.

[Src: https://publications.nigms.nih.gov/medbydesign/index_cw.html]
## Open Textbook Projects

<table>
<thead>
<tr>
<th>BC Open Textbook collection</th>
<th>OER Commons</th>
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<tr>
<td>College Open Textbooks</td>
<td>OpenStax</td>
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<tr>
<td>Merlot II</td>
<td>Open SUNY Textbooks</td>
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<tr>
<td>National Science Digital Library (NSDL)</td>
<td>Project Gutenberg</td>
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<tr>
<td>North Carolina Learning Object Repository (NCLOR)</td>
<td>Saylor Academy Open Textbooks</td>
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<tr>
<td>Open Textbook Library</td>
<td>PhET: Interactive Simulations For Science and Math</td>
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<tr>
<td>Skills Commons Open Textbooks</td>
<td>SOL*R</td>
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<tr>
<td>UC Davis ChemWiki</td>
<td>Wikibooks</td>
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• PDPics.com (http://www.pdpics.com)
• Public Domain Images (http://www.public-domain-image.com)

Creative Commons Licensed Media Objects

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• Creative Commons Search (https://search.creativecommons.org)
• Flikr (https://www.flickr.com) – Choose the preferred licensing term
• Soundcloud (https://soundcloud.com) – Search for sound and music

• Example: https://soundcloud.com/mattiacupelli/download-and-royalty-free-piano-solo-music
search.creativecommons.org

Thai OER (oer.learn.in.th)
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