EVHEIs-FLMSC
Eastern Visayas Higher Education Institutions
FLEXIBLE LEARNING MANAGEMENT SYSTEM CONSORTIUM

SOUTHERN LEYTE STATE UNIVERSITY

Students On-Boarding Learning Chunks

4 *Navigating the* OPEN EDUCATIONAL RESOURCES

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Learning Chunk No. 4

Navigating the Open Educational Resources

Our Learning Outcomes:

At the end of this learning chunk, you can:

- Identify Open Educational Resources;
- familiarize available Open Educational Resources and its functions;
- access OER sites; and
- demonstrate utilization of OER.

READY. SET. GO!

Bingo!

INSTRUCTIONS: Mark the boxes that contain the statement that applies to you. Let us see if you can create the pattern to win the game!
Pattern: Marked 4 consecutive boxes either in a horizontal (|), vertical (—) or diagonal (\ or /) manner

Searched something on Google.com	Watched TedTalks	Have cited articles from online resources	Listened to a lecture about a class lesson online	Downloaded pictures and animations in the internet
Have accessed an online course to learn about something	Downloaded a Powerpoint presentation about a topic	Have a mobile app that is helpful in my studies	Watched online documentaries	Visited the site oercommons.com
Watched a Crash Course lecture on Youtube.com	Listened to a podcast online	Downloaded a book online for a class	Attended an online lecture	Downloaded videos to be used in class reporting
Enrolled in an online course	Used an OER	Watched videos on Youtube.com to understand better my lessons	Read articles about a topic online	Watched webinars on Facebook

OUR JOURNEY STARTS NOW!

Before we move to the discussion, contemplate about these questions first:

- Were you able to win the game?
- What are your thoughts while doing the game?
- What did you realize after doing the game?

The statement in each box is an activity related to accessing or using Open Educational Resources (OER). Depending on the number of boxes you have marked, it may indicate your frequency of exposure to materials similar in format with OER. You might have even utilized already an OER without realizing it. Let us find out more about the characteristics of an OER.

WE'RE ALMOST THERE!

Education is a vital part of our society. It transforms us completely as we attain knowledge, values, skills, beliefs, and moral habits through it. It makes us more aware of how our world works, it helps us resolve our problems and ultimately it is our weapon to face the trials ahead of us.

However, there are a number of challenges that students face in accessing quality education. Such barriers include their location, natural disasters, high monetary cost, obsolete or outdated materials, and legal mechanisms that prevent collaboration among scholars and educators. Some have even contended that education is a privilege given only to rich individuals who can easily afford it. This phenomenon is experienced throughout the world. To resolve this pressing issue is the emergence of the Open Education movement. It is a philosophy that believes that everyone in the world should have access to high-quality educational experiences and resources ("What is open education,"2020). It aims to break down the barriers that prevent the attainment of quality education for all. Open Education is a sustainable form of education that is relevant, constantly updating and free (shellynvcc, 2013).

Consequently, the product of this movement is the existence of Open Educational Resources (OER). UNESCO (2019, para. 1) defined the term as follows:

"Open Educational Resources (OER) are teaching, learning and research materials in any medium – digital or otherwise – that reside in the public domain or have been released under an open license that

permits no-cost access, use, adaptation and redistribution by others with no or limited restrictions."

OER includes a wide range of online formats such as textbooks, video recorded lectures, YouTube clips, animations and simulations, digital diagrams and graphics, podcast, syllabi, lesson plans, massive open online courses (MOOCs), or even assessment materials such as tests with automated answers (Bates, n.d.). OER can also include presentation slides or pdf files of lecture notes.

Five Core Principles of Open Publishing

Content of an OER are licensed to be reused, revised, remixed, redistributed and retained (5R).

Image source: https://rmit.libguides.com/openeducationalresources

Creative Commons Licenses

The reusing, revising, remixing, redistributing and retaining of any form of OER is done under Creative Commons Licensing. It is simply the idea of an author creating a license enabling people to freely access and adapt copyright material, without charge or special permission. This does not take away someone's copyright, but enables that copyright holder to give permission automatically for the different ways of utilizing their material without charge or any bureaucracy (Bates, n.d.). Here are the different types of licenses under the Creative Commons and its symbols:

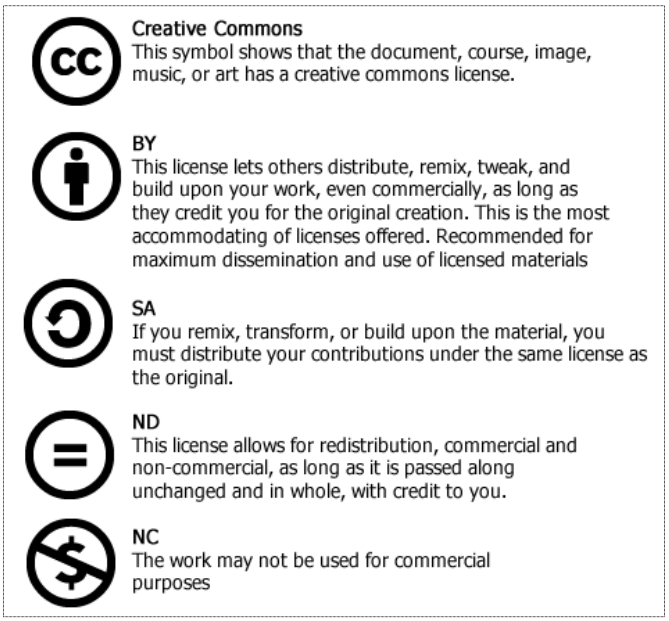


Image source: https://library.citytech.cuny.edu/blog/a-closer-look-creative-commons-licenses/

Users of an OER can freely utilize the learning materials without permission from the creator but with some stipulations regarding the expectations of attribution, manner of sharing the material, clarity on whether you can profit from using the work and whether you are allowed to alter the work (Eaton, 2018). The above licenses can be combined to be used in one material. Below are the examples and its functions:

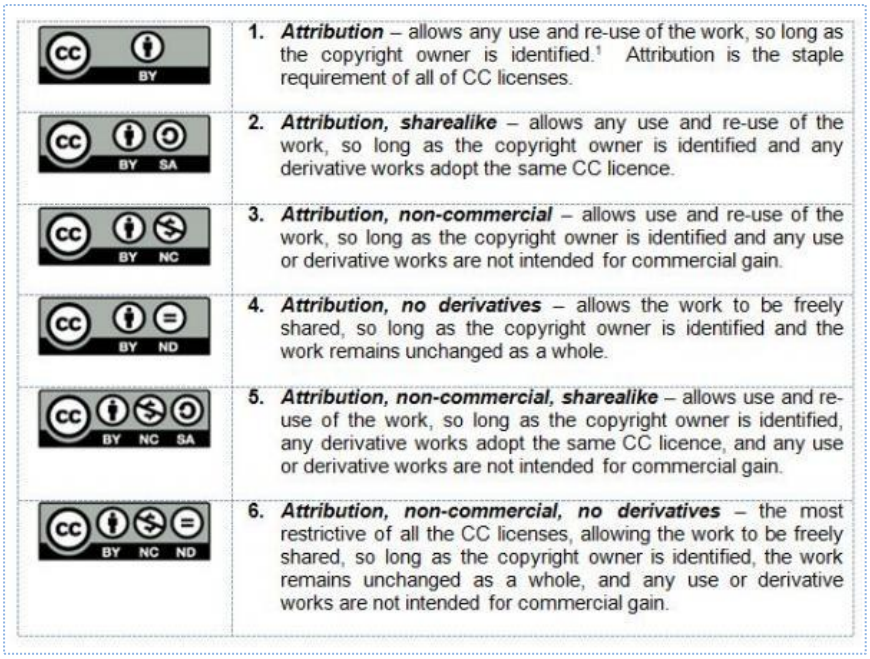
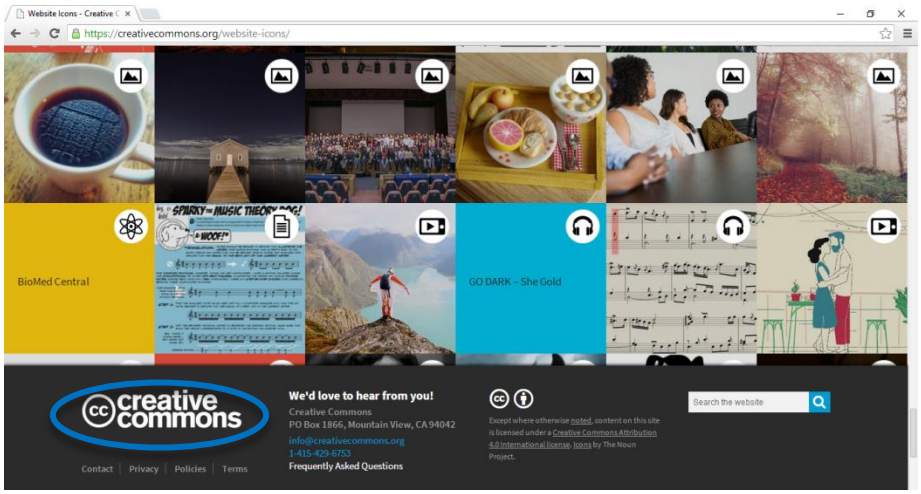


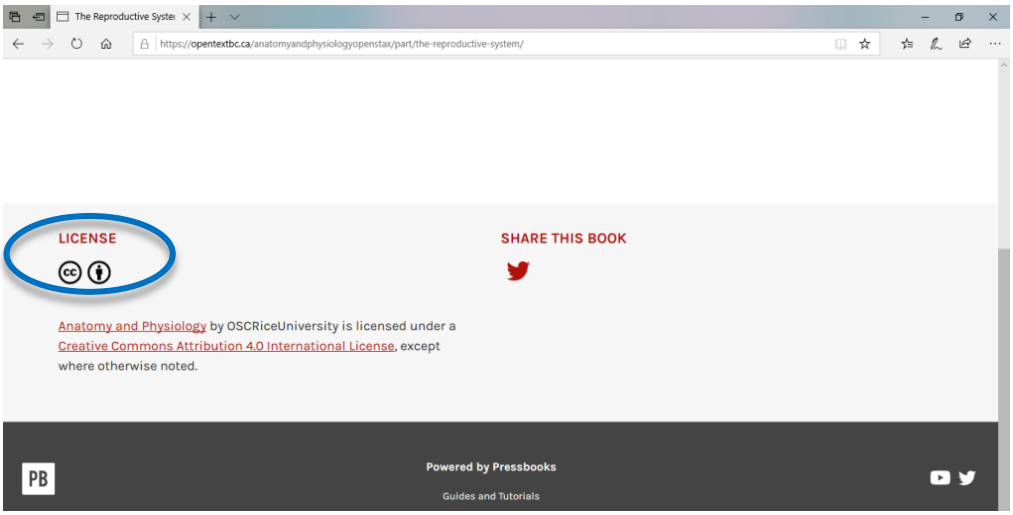
Image source: https://www.baldwins.com/news-resources/news/some-rights-reserved-creative-commons-and-the-new-era-of-copyright

It is significant that when searching for possible open educational resource on the web, check to see whether or not the resource has a Creative Commons license or a statement giving permission for re-use. Thus, it is would be helpful to remember these symbols to prevent legal sanctions. When a work's CC license terms are breached, the use of the material becomes unlicensed, and the copyright is infringed (Creative Commons, 2020). Below are few examples of OER showing its Creative Commons License symbols.

✓ Images

✓ Websites





To discover more about the Creative Commons License, you can watch this video:

- Creative Commons *by Process Art*
  https://www.youtube.com/watch?v=4ZvJGV6YF6Y

Why use OER?

Here are some of the benefits of using an Open Educational Resource

- Instant access
  The materials available in the OER can be accessed anytime and anywhere as long as you have an Internet connection.

- Permanent access
  Since these materials are free, you don't need subscriptions to continuously access the materials. If it is downloadable, you can hold on and own the material for as long as you want.

- Cost-saving
  It reduces financial stress by reducing the cost of education such as removing textbook purchases & subscription fees.

- Wide range of learning materials
  Wider range of digital learning opportunities are available in the form of open texts, open images, open courseware, and self-assessment tools that may not be available in traditional textbooks.

- Relevant
  Because these materials can be revised or remixed, the content can be constantly updated when significant findings or changes are present.

- Promotes connectivity
  It promotes collaboration between scholars, educators and even the learners in creating high quality content. It also promotes learning with peers through interaction between learners coming from different parts of the world.

- Self-development
  It enhances opportunities for self-learning at home. It develops your digital literacy skills for searching, reusing, recreating, disseminating, branding, networking OER to learning community.

To understand more about the Open Educational Resources, you can watch these videos:

- OER (Open Educational Resources) Introduction by shelleynvcc https://youtu.be/ZFeyCc6we-s
- OER (Open Educational Resources) Introduction II by shelleynvcc https://www.youtube.com/watch?v=Yfl1B6Qmp5g
- Open Educational Resources: A Brief Explanation by Lance Eaton https://www.youtube.com/watch?v=CSekYzpBY8I

PAUSE AND REFLECT. If you were to explain what OER means to people who have not experienced using the Internet, how would you do it? How would you let them appreciate the advantages of using OER?

Samples of Open Educational Resources

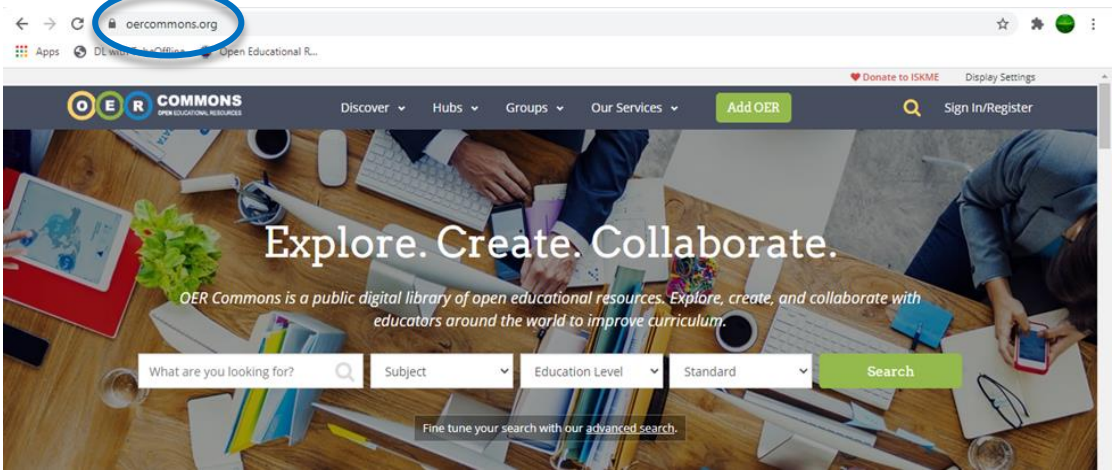
There are many repositories of open educational resources (access this link to see list of OER: https://pitt.libguides.com/openeducation/biglist). But in this section, we will discuss the most common open educational resources that are utilized nowadays.

OER Commons

OER Commons is a database of over 50,000 open educational resources and digital contents on a variety of subjects that are free to use, as well as tools for crafting OER and training on how to use OER. It was created by the Institute for the Study of Knowledge Management in Education. Resources on the site are reviewed for quality and alignment to standards and shared primarily using Creative Commons licenses. The site also includes a space to submit resources for possible inclusion, join groups of users with like interests, or use an OER to create and share your own lessons that combine text, audio, and video.

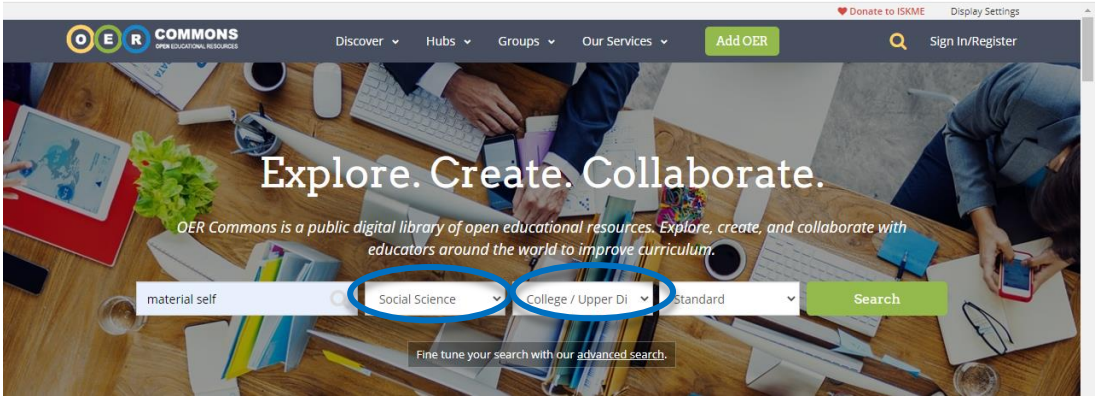
How to use OER Commons?

1. Go to www.oercommons.org

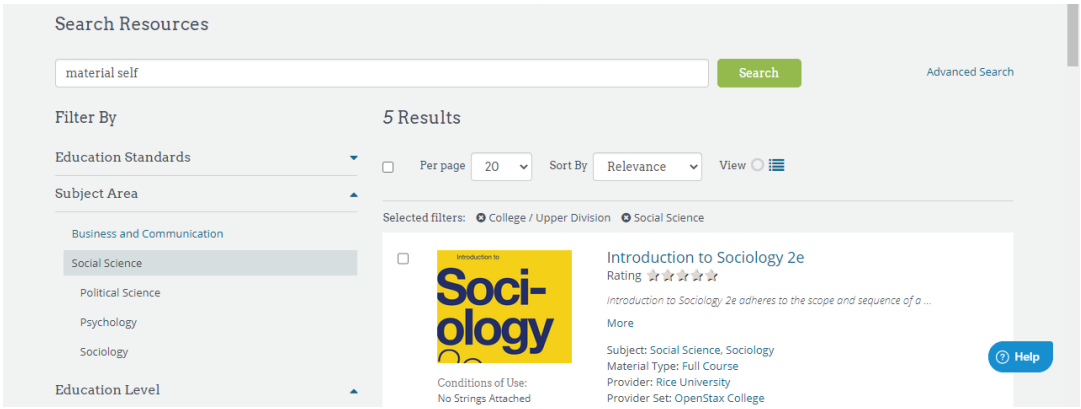


2. Type the topic or material you are looking for in the search box

3. You can use the filters (subject, education level) to look for the most appropriate material you need



4. After clicking search, the results will show the available materials

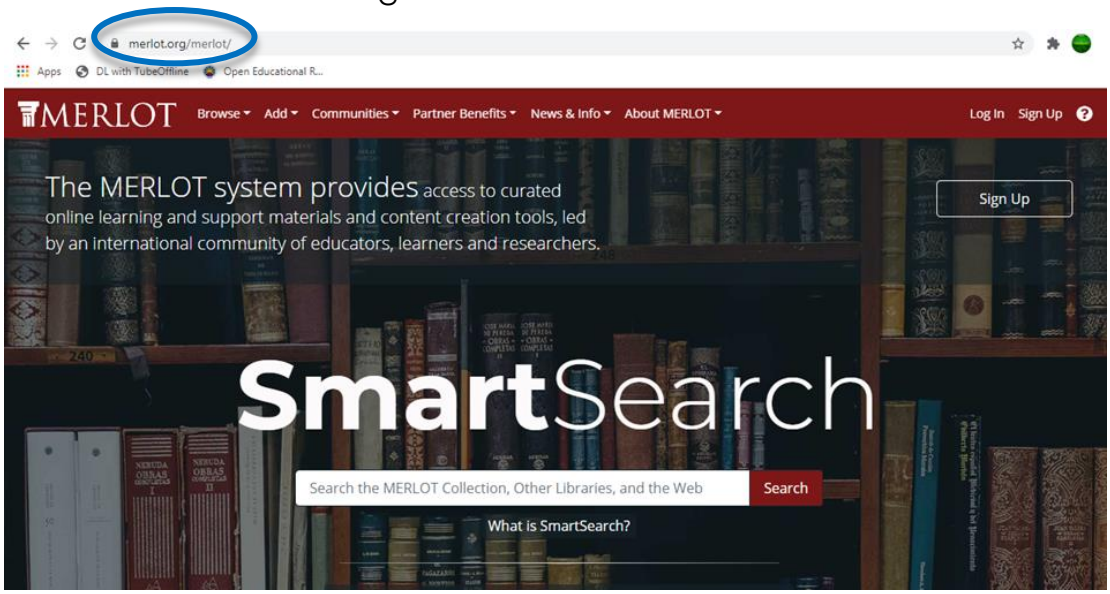


MERLOT (Multimedia Education Resource for Learning and Online Teaching)

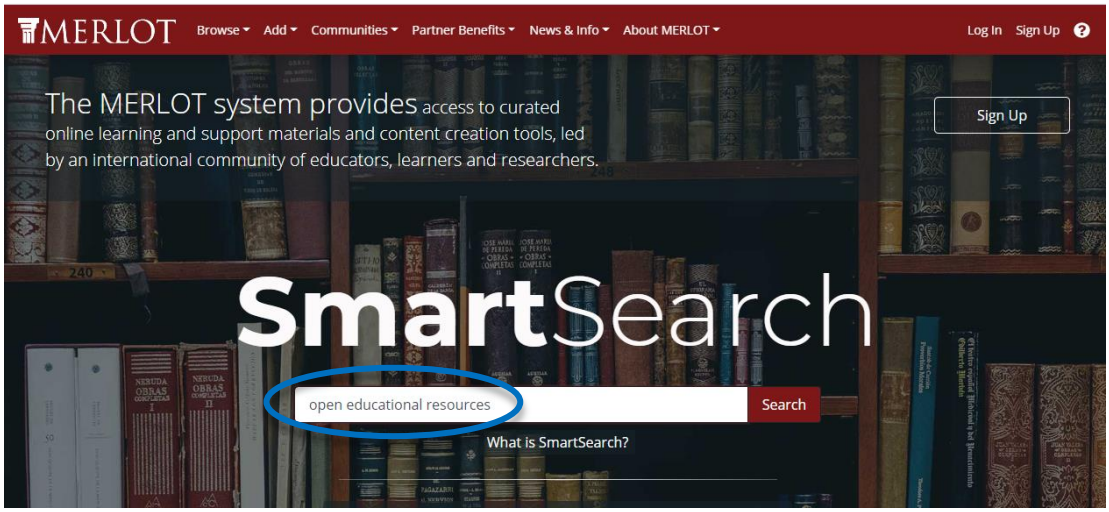
MERLOT is a free and open online community of resources designed primarily for faculty, staff and students of higher education from around the world to share their learning materials. It contains more than 45,000 resources that are managed by California State University together with volunteer members. MERLOT employs a peer review system in order to ensure their quality, ease of use, and potential effectiveness as a teaching tool.

How to use MERLOT?

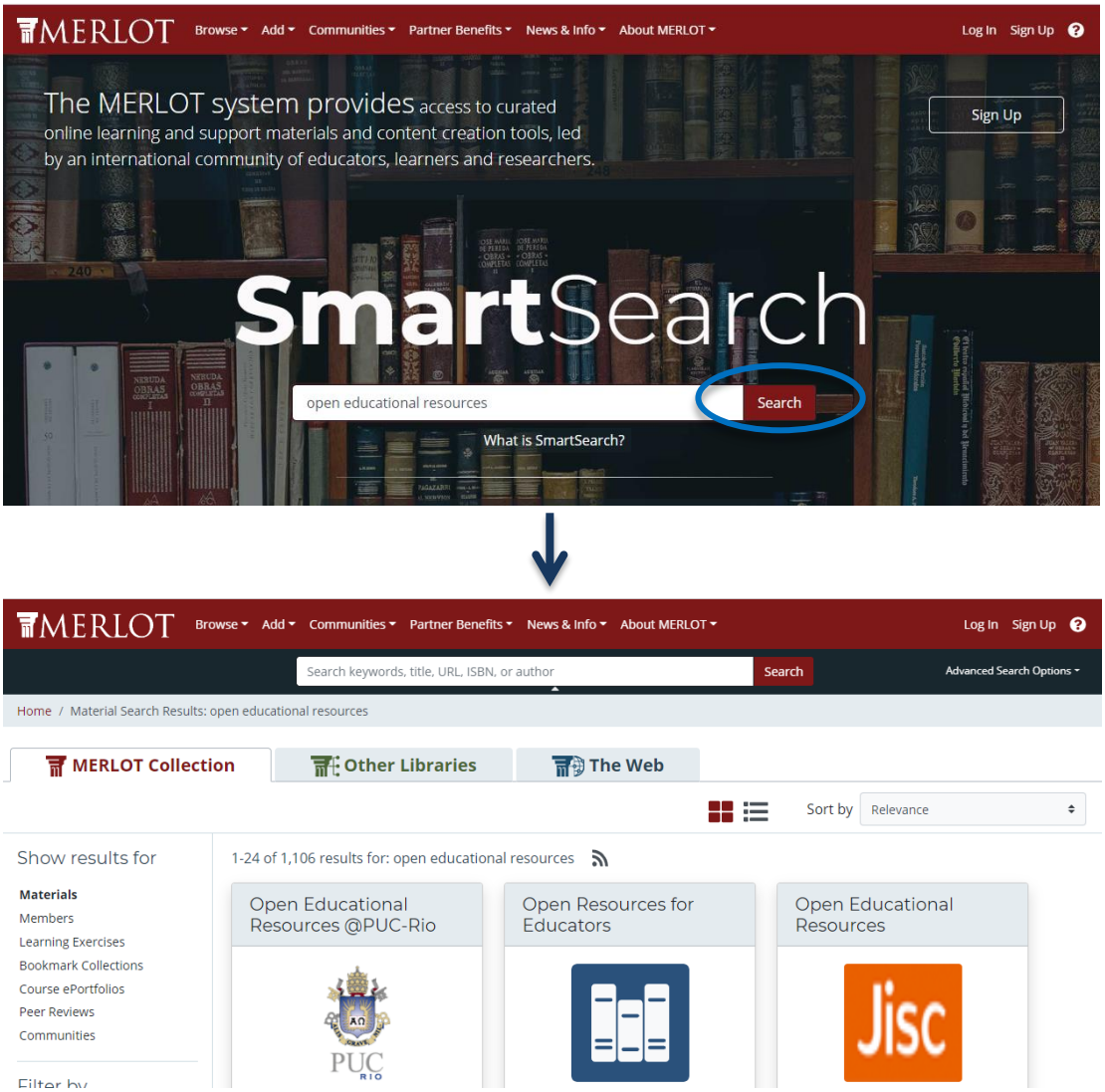
1. Go to www.merlot.org



2. Type the material or topic you are looking for in the search box



3. After clicking search, the results will show the available materials you can utilize

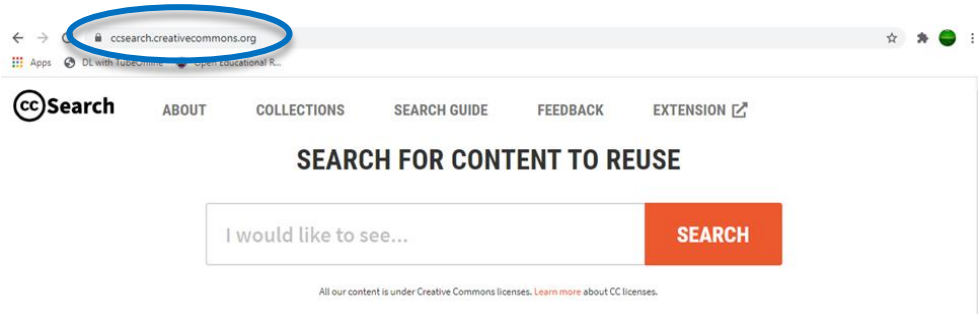


Creative Commons Search (CC Search)

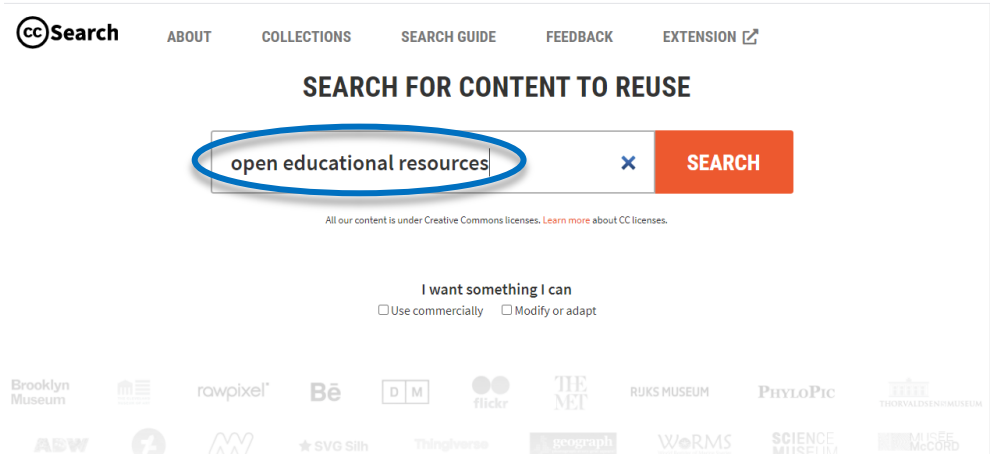
Currently CC Search only searches images, but they plan to add additional media types such as music, text, books, educational material, and more that is free to share or build upon.

How to use Creative Commons Search?

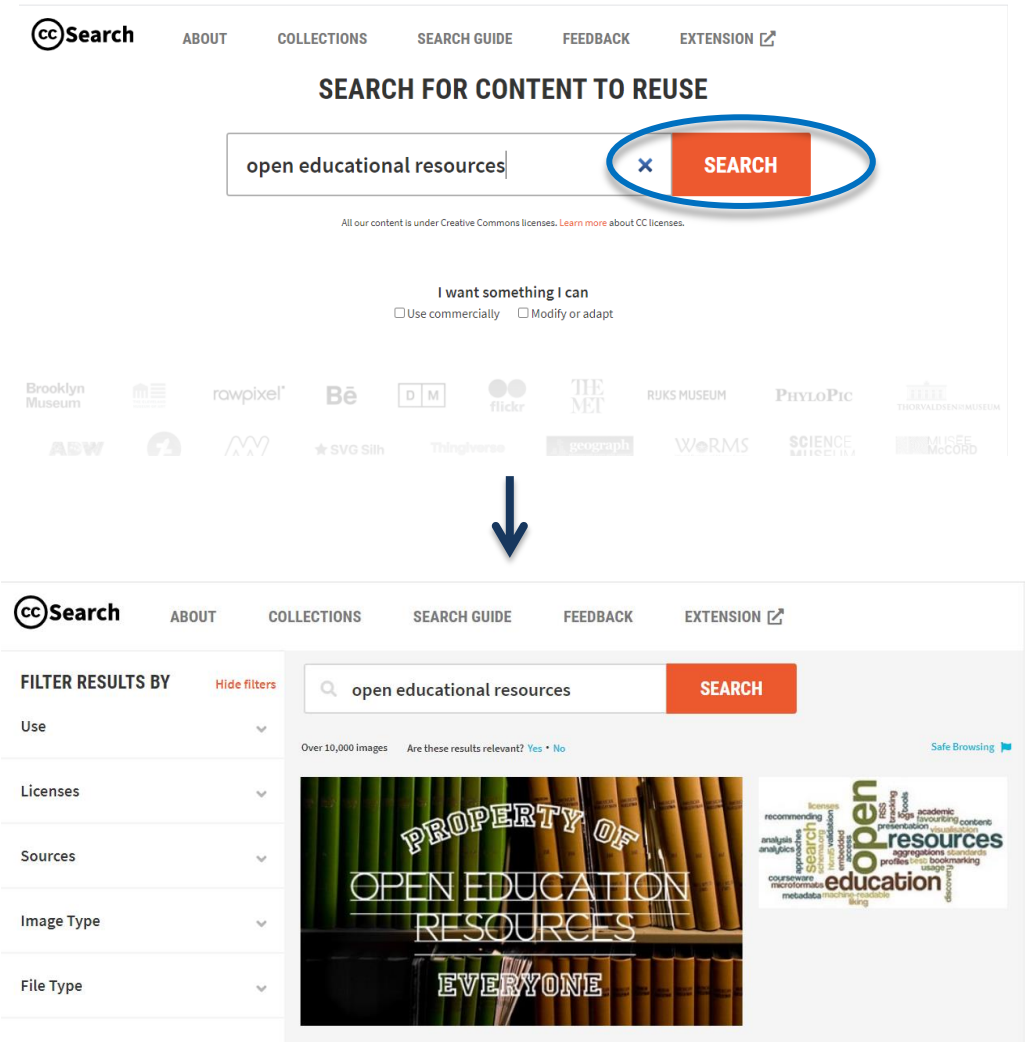
1. Access http://search.creativecommons.org



2. Type the subject/related keyword/s of the image you are looking for



3. After clicking search, the results will show the available materials you can utilize

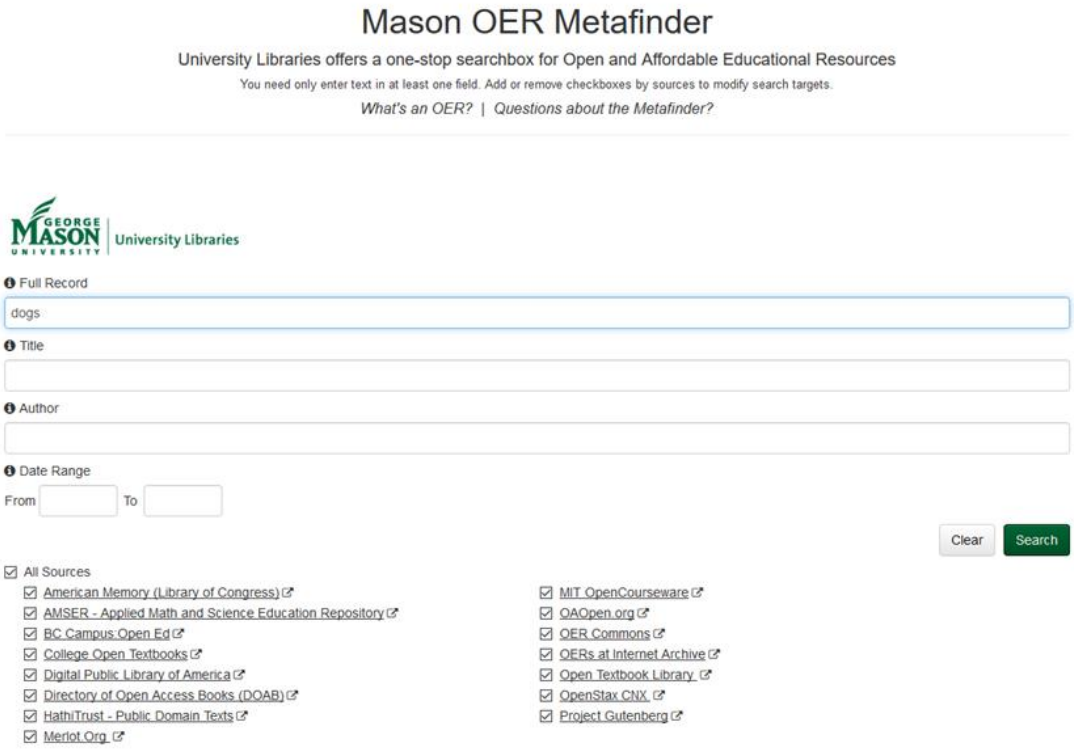


Mason OER Metafinder (MOM)

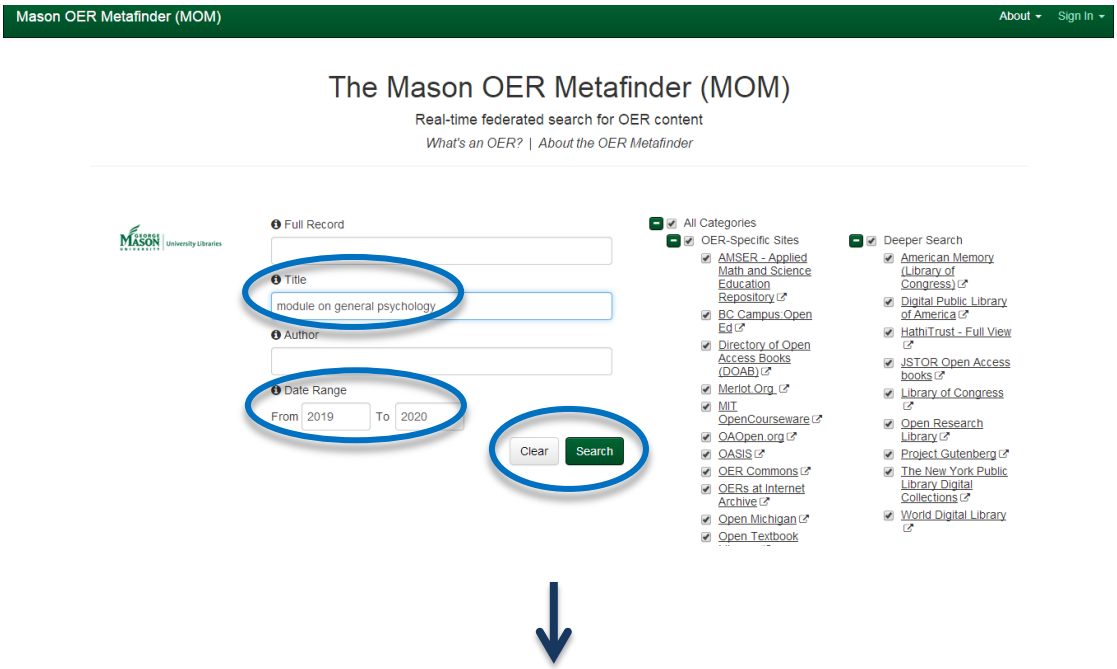
MOM assists you in finding Open Educational Resources as you click the search button. Unlike the first three OER that were discussed, MOM does not contain collections of materials that you can use but rather it will aid you to find it across 21 different open educational resources depositories. We can parallel it to a search engine but will exclusively yield search results that are OER.

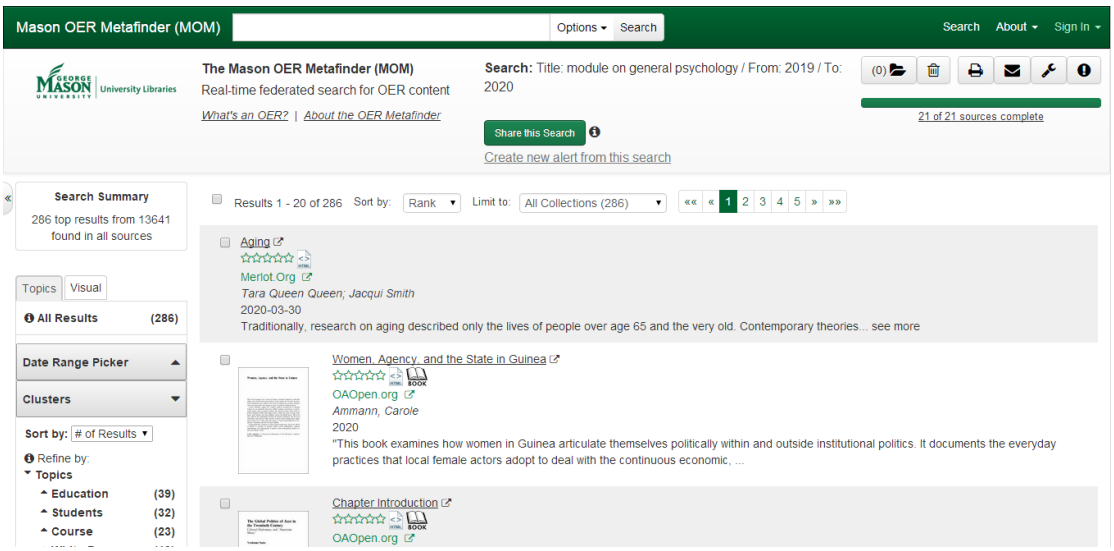
How to use MOM?

1. Go to https://mom.gmu.edu



2. Fill up all the boxes with information that will help yield search results that are most appropriate for your use and then click the search button





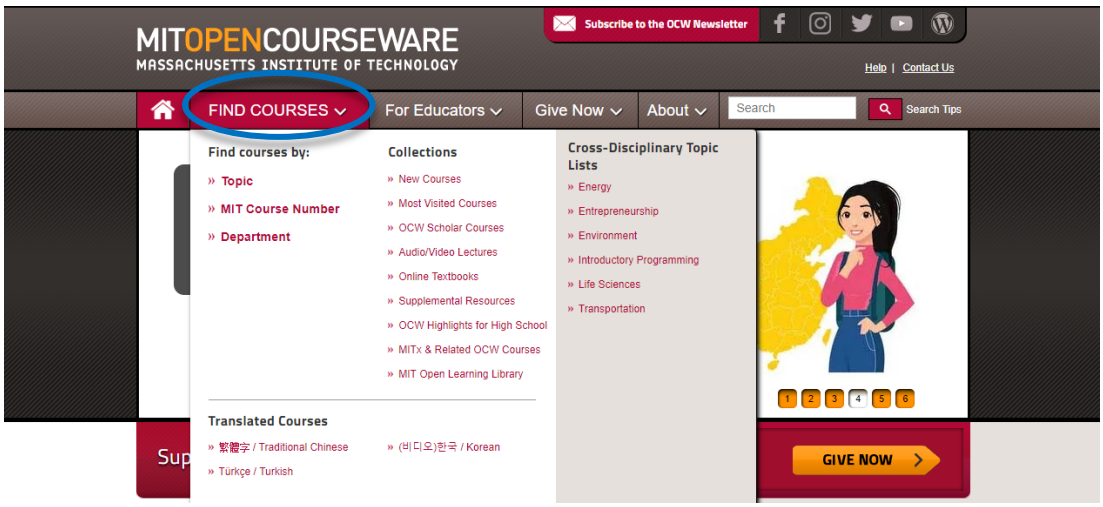
MIT Open Courseware

This is an initiative of the Massachusetts Institute of Technology (MIT) to publish all of the educational materials from its undergraduate-level and graduate-level courses online, freely and openly available to anyone, anywhere. It has a digital collection of high-quality teaching and learning materials, presented in an easily accessible format such as textbooks that are open-licensed electronic versions of print books. Others are self-published online books, or course notes which are so thorough that they serve as an alternative to a conventional textbook. 2,500 MIT on-campus courses and supplemental resources, all available under a Creative Commons license for open sharing in this platform.

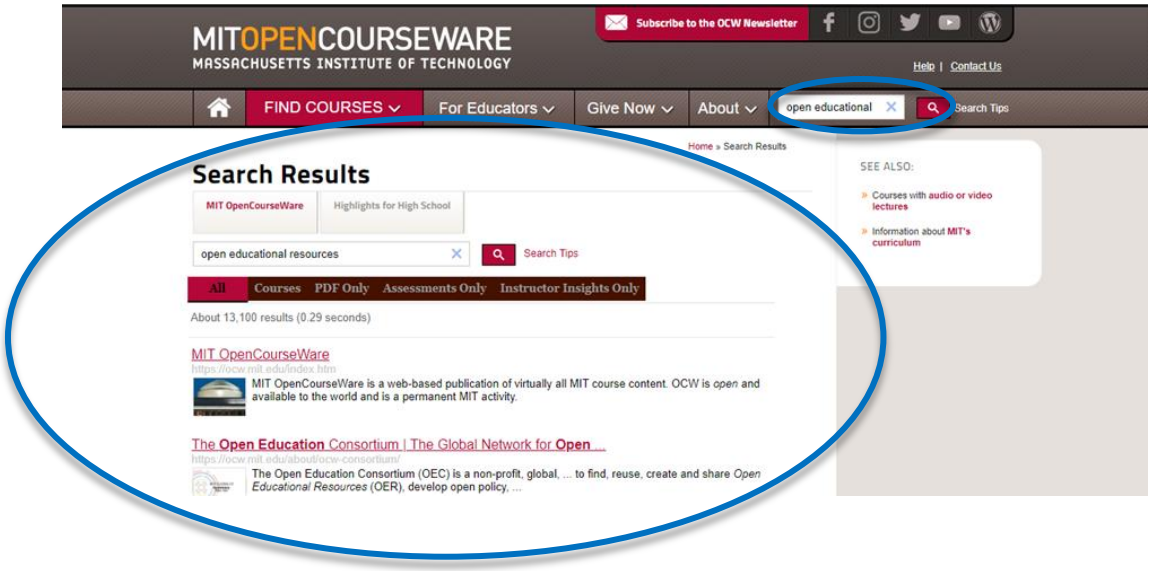
How to use MIT Open Courseware?

1. Go to www.ocw.mit.edu

2. Click on the drop down boxes to choose what specific material you can access or use.

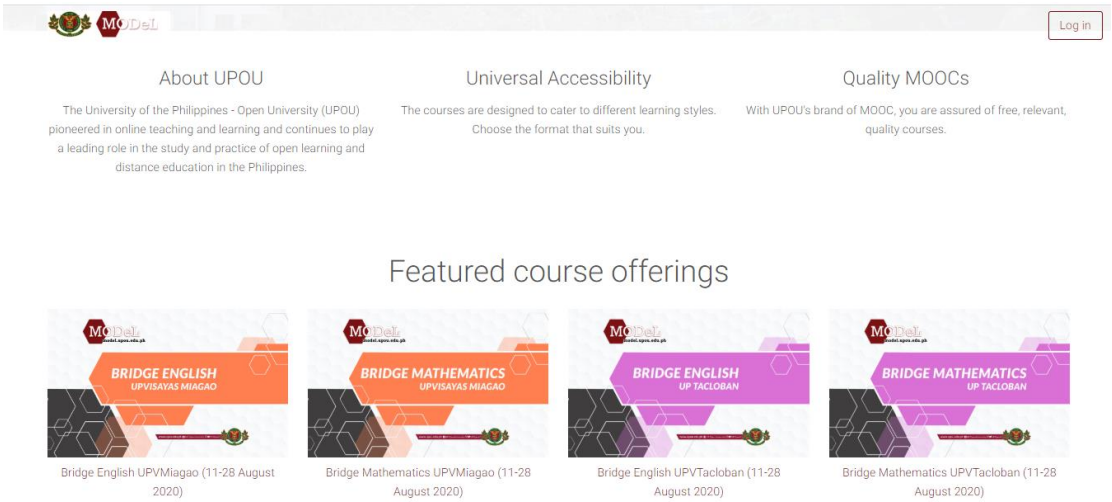


3. Or you can use the search box to find a specific content



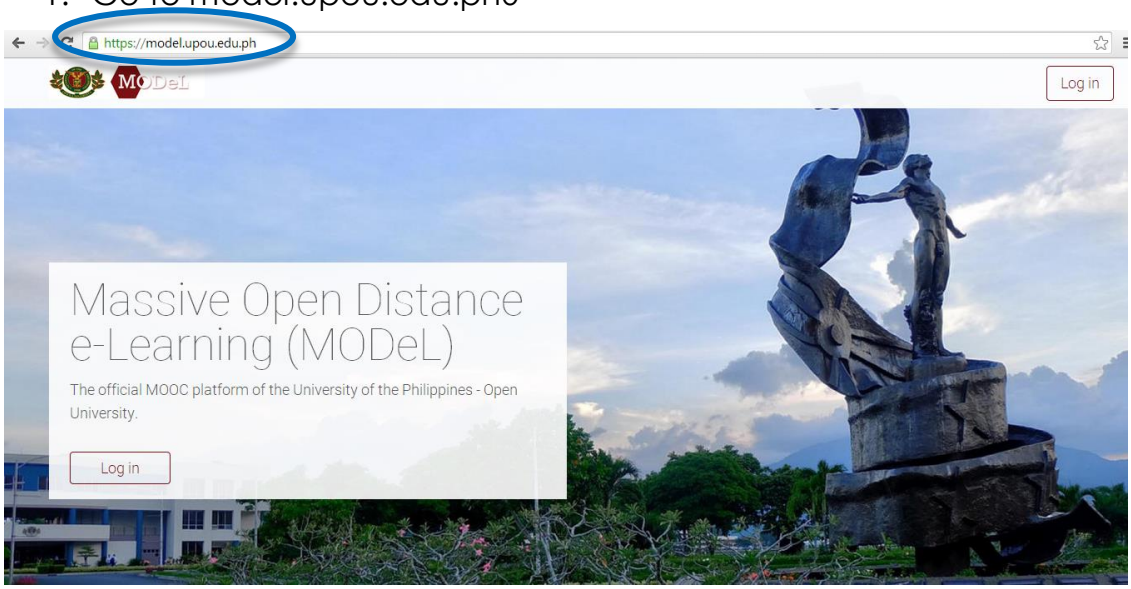
University of the Philippines Online University (UPOU) – Massive Open Online Courses (MOOCs)

This is the official learning platform for the Massive Open Online Courses (MOOCs) offered by the UP Open University. The MOOCs also include free online courses for university administrators and teachers so they can do technology-enhanced/technology-enabled teaching; and technical staff who can provide support for the online component of the remote teaching.

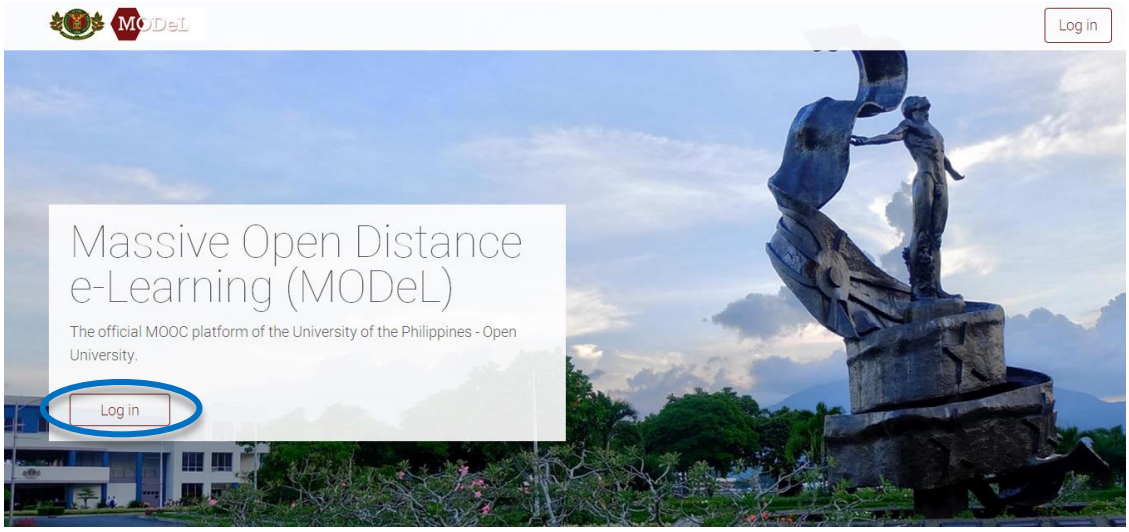


How to use MOOCs?

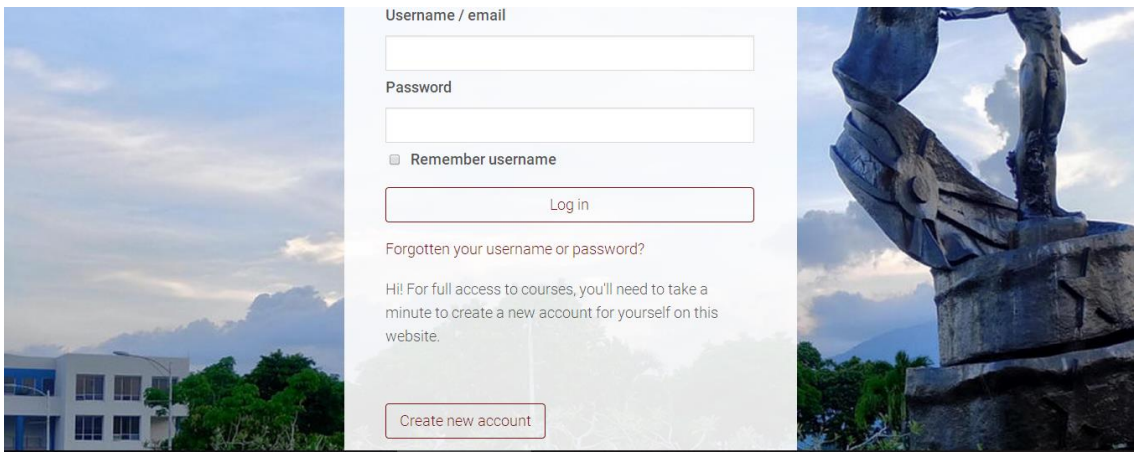
1. Go to model.upou.edu.ph0



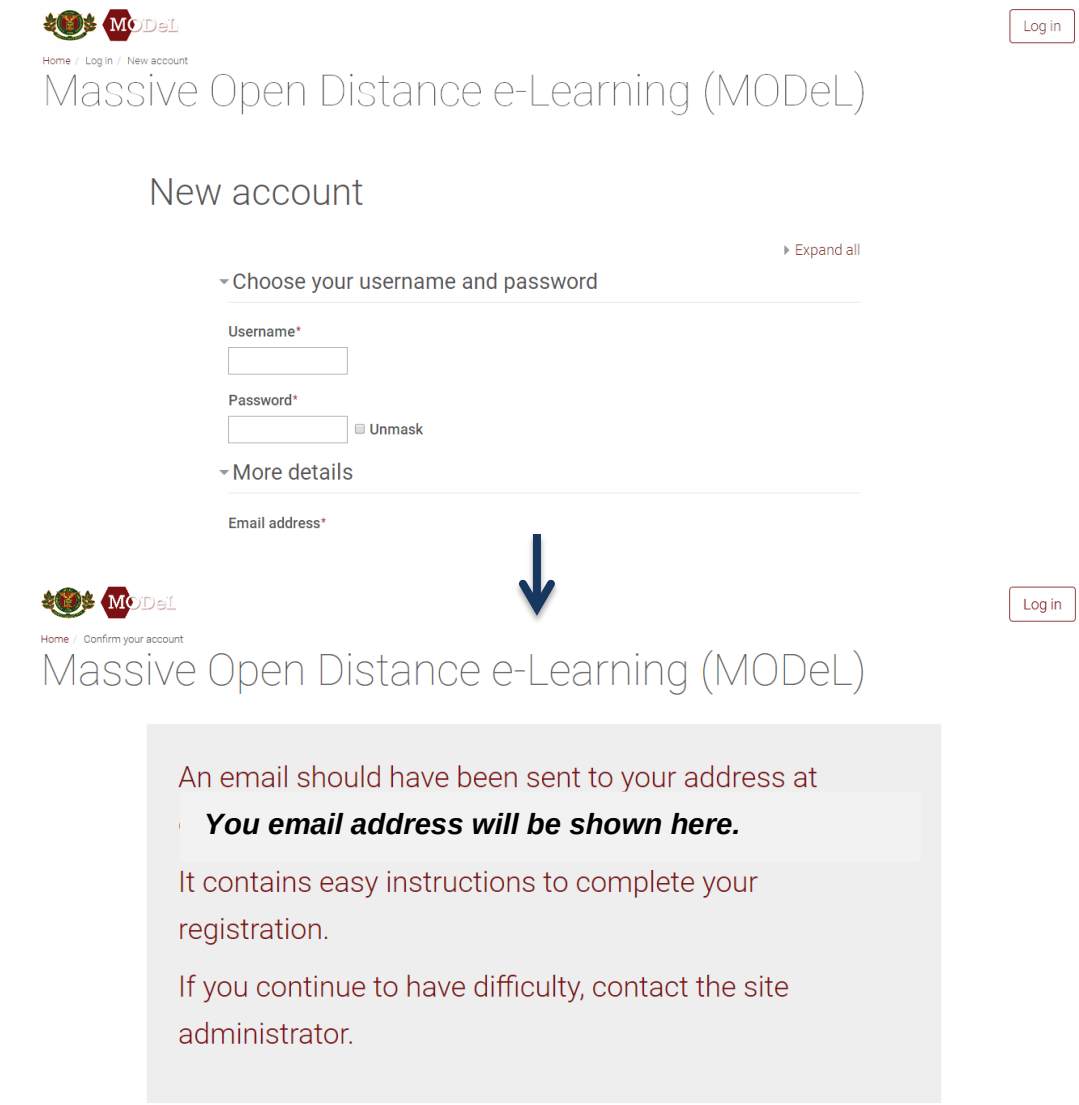
2. Click Log-in.



3. You will be directed to this page, fill-up your ***Username*** and *Password*. If you do not have an account yet click ***Create new account.***



4. Fill-up the needed information and click the create account button at the end of the page. An instruction will be given to you afterwards.



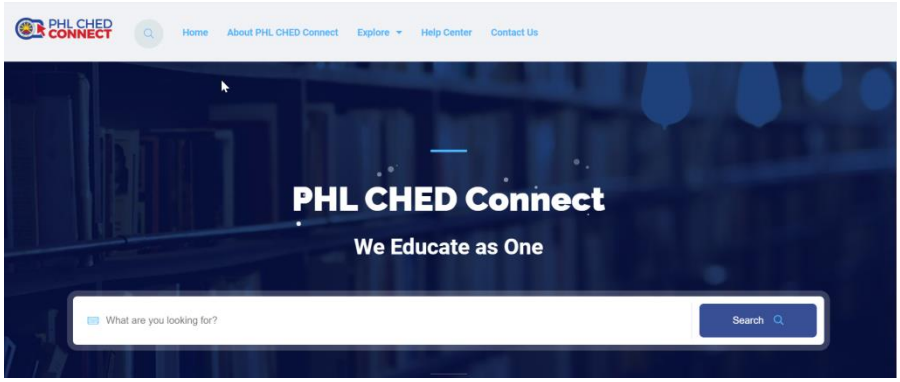
5. Once you can already log-in MODel, you can now access the variety of learning materials in it for free.

PHL CHED Connect

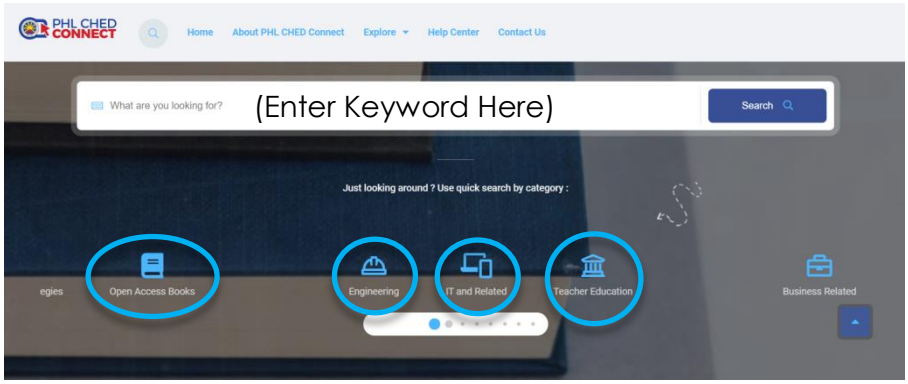
The PHL CHED Connect is a web application that contains higher education course materials in text, media and other digital assets that are useful for teaching, learning and research purposes. We use PHL CHED Connect to expand opportunities for interdisciplinary teaching and learning by allowing instructors to integrate and revise multiple educational resources. Moreover, the use of PHL CHED Connect makes learning and teaching more collaborative

How to Use PHL CHED Connect?

1. Go to phlconnect.ched.gov.ph



2. To look for the desired material or resource, enter the keyword in the Search box to find what you are looking for. You may also Click the icons for Open Access Books, Engineering, IT and Related, Teacher Education, and Business Related materials.

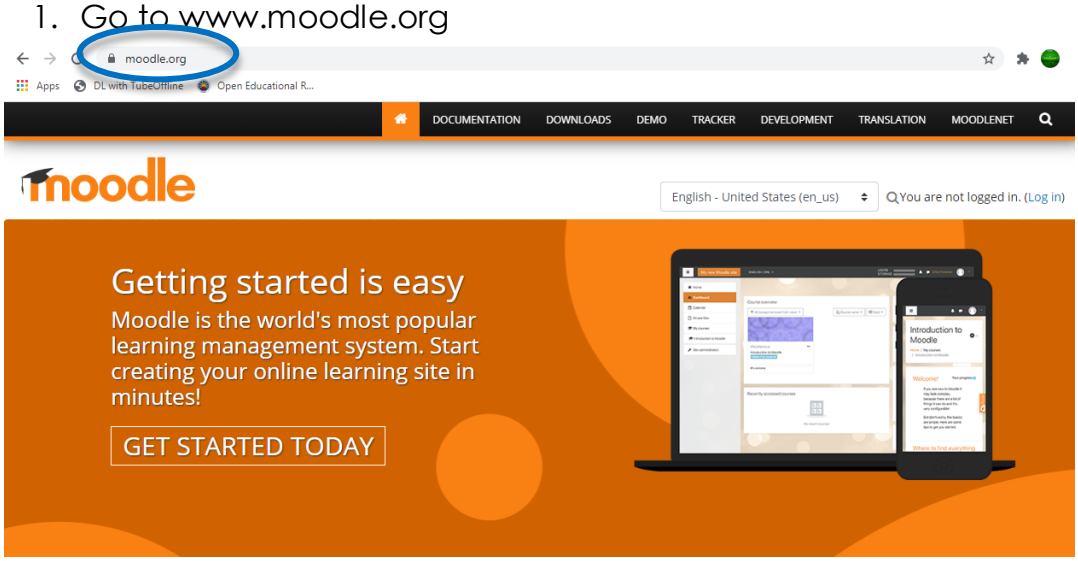


Moodle

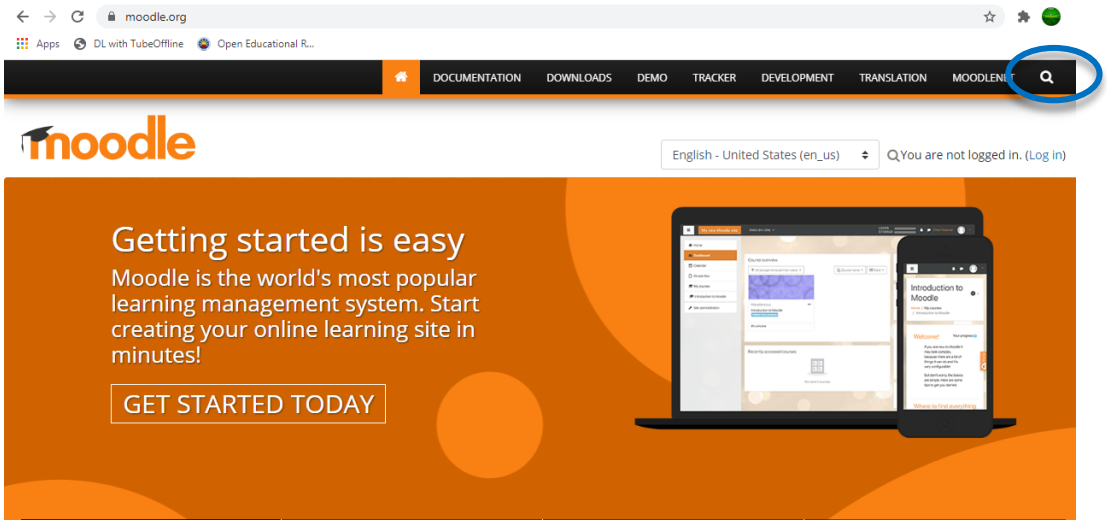
Moodle is a free and open-source learning management system (LMS) designed to provide educators, administrators and learners with a single robust, secure and integrated system to create personalised learning environments. It is used for blended learning, distance education, flipped classroom and other e-learning projects in schools, universities, workplaces and other sectors. It also allows you to search for downloadable courses, some of which are CC licensed. LMS and Moodle will be discussed more in next learning chunk.

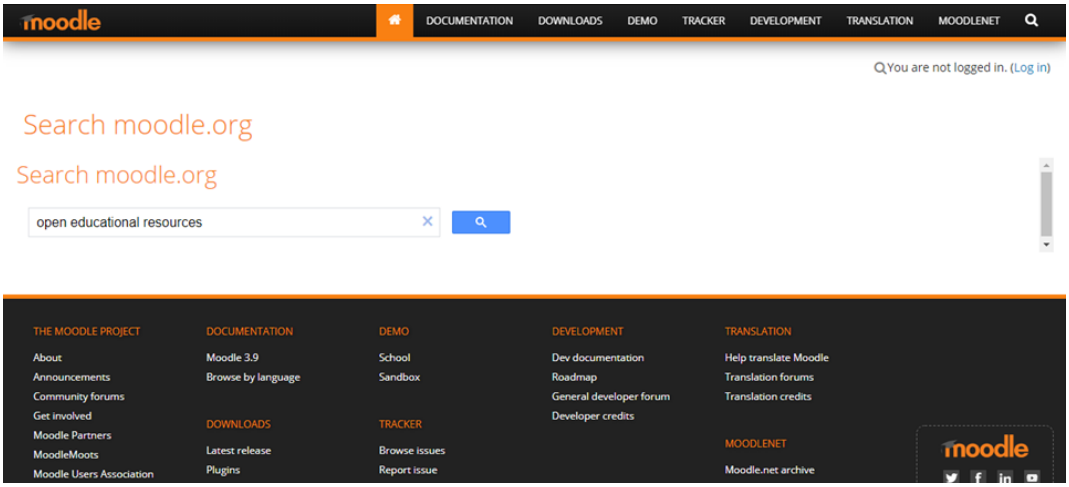
How to use Moodle?

1. Go to www.moodle.org

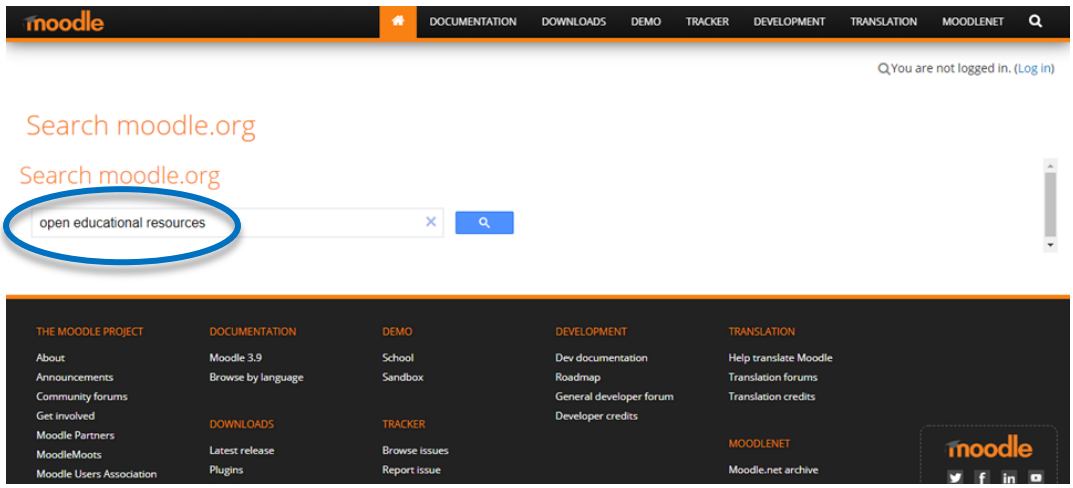


2. Click the magnifying glass icon and it will direct you to a search box.

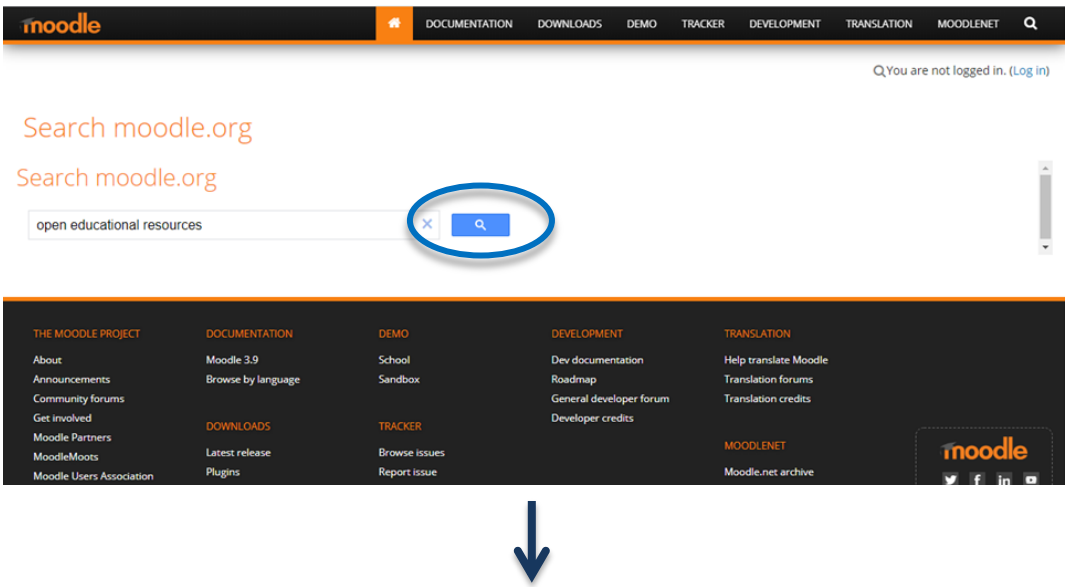


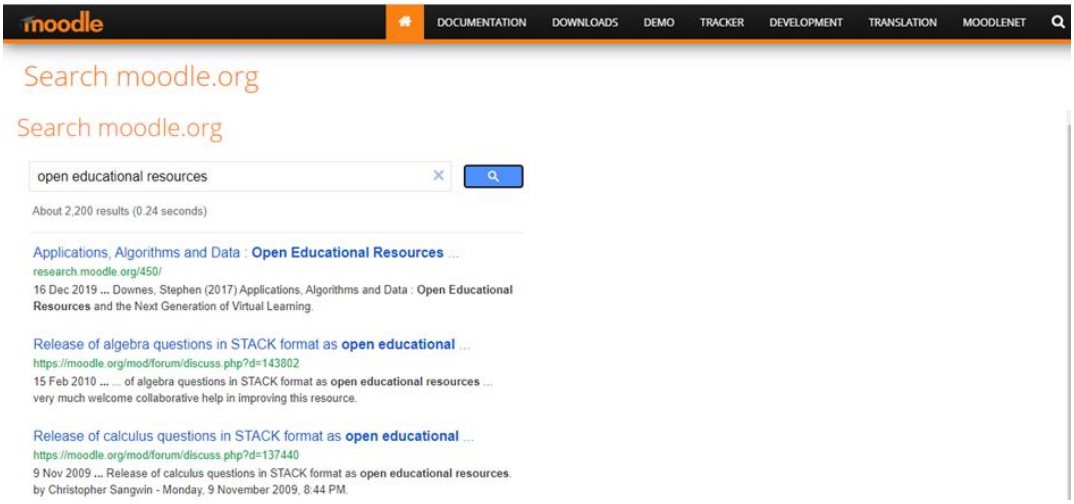


3. Type the material or topic you are looking for



4. After clicking the "magnifying glass" icon, the results will show the available materials you can utilize

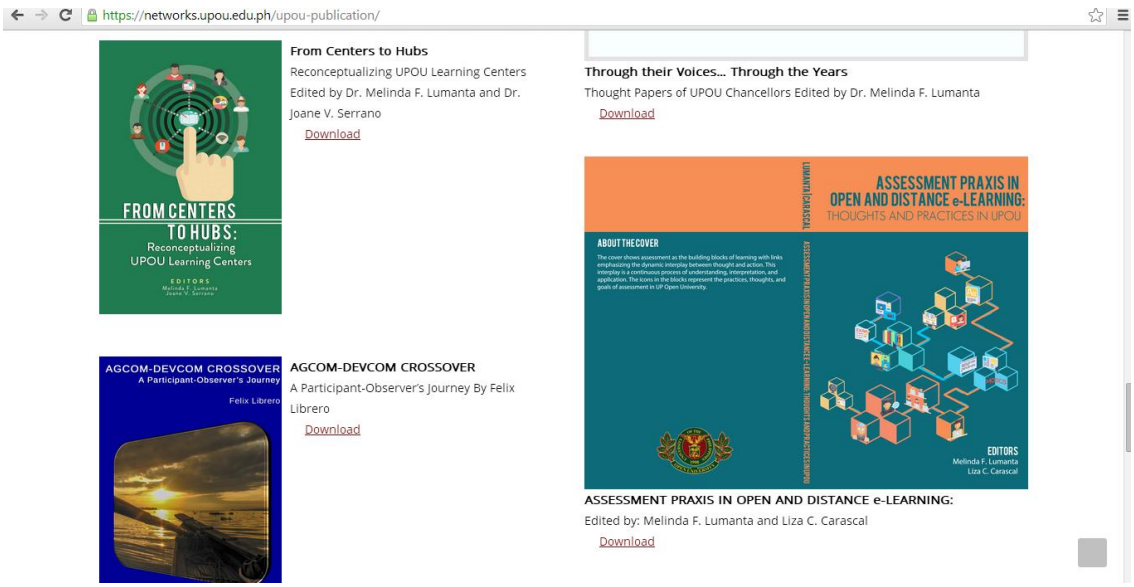




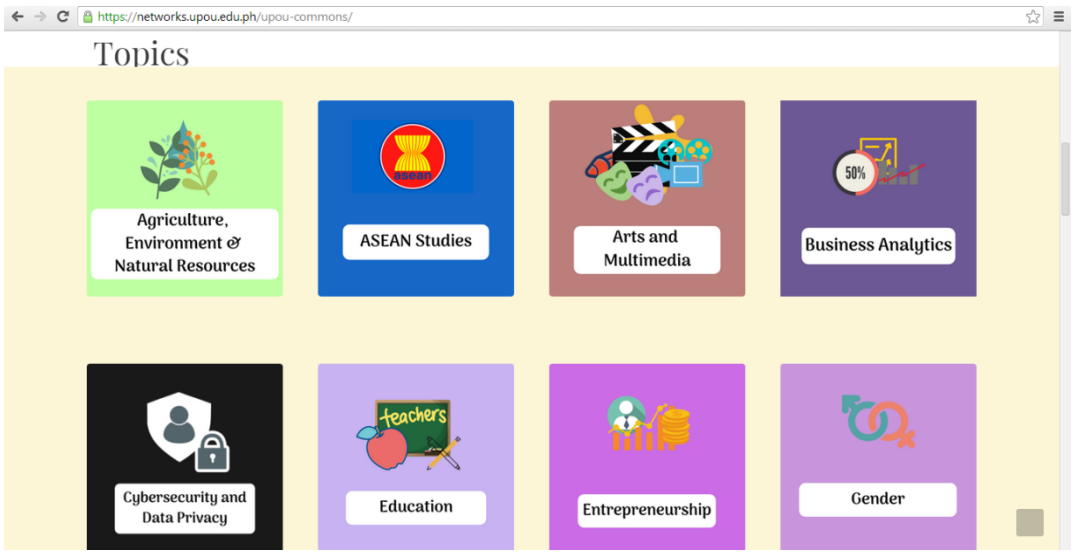
UPOU Networks

The UPOU Networks is the online repository of all multimedia resources produced by UPOU. It has five main features but we will only discuss three in this learning chunk. To access and know more about the other features visit https://networks.upou.edu.ph/.

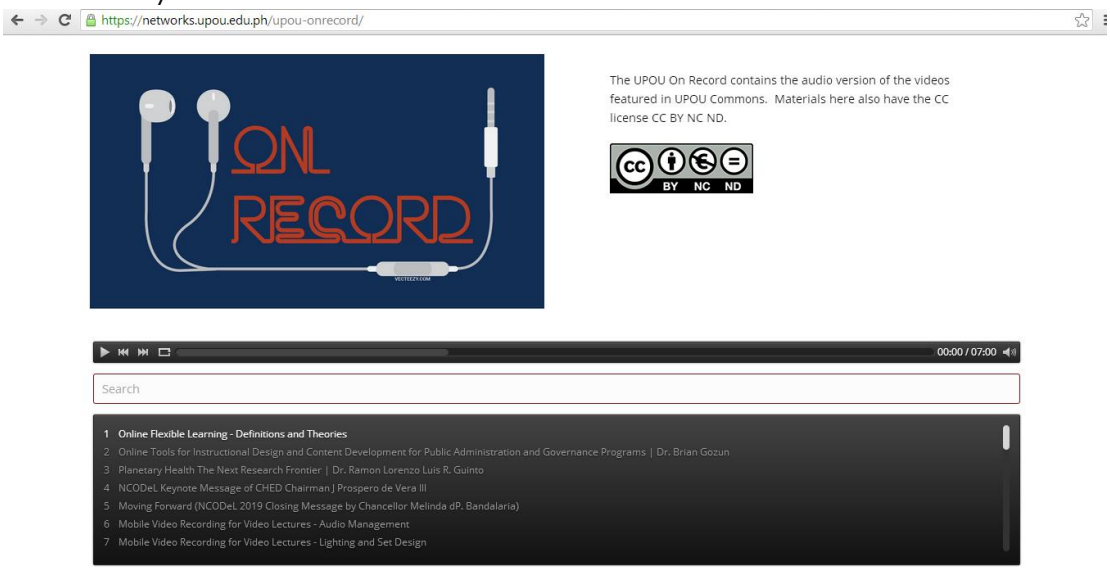
UPOU Publications – a repository of university-produced publications and journals that are open educational resources with creative commons license:



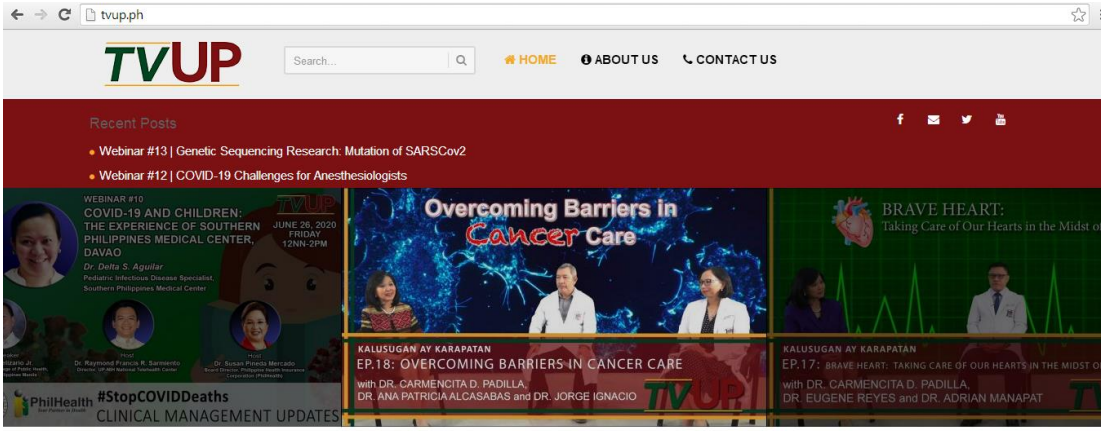
UPOU Commons – a repository of the university-produced open educational resources (OER). It is licensed under:

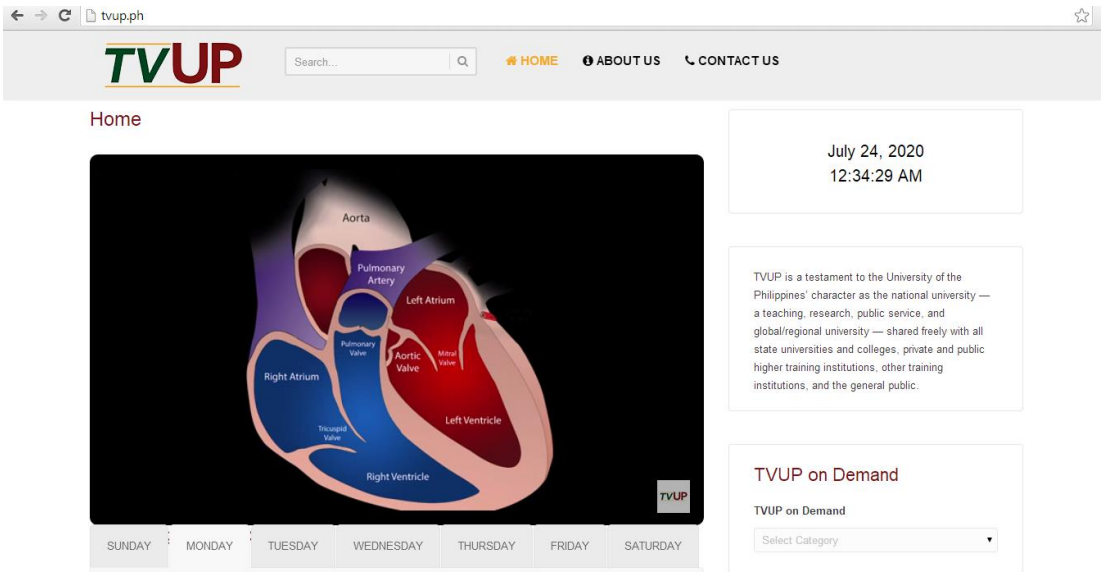


UPOU On Record – an Internet radio and also a repository of podcasts produced by UPOU.



TV UP. It is an Internet television (webcast) network operated by the University of the Philippines which delivers free content (Open Educational Resources) for information and educational purpose. The OERs cover a wide range of topics (TV UP OER List) that can be used by both teachers and students and other individuals interested to learn about the subject area.





In the recent discussion, we learned about the different forms of Open Education Resources. We have discussed six database or collections of OER; three Massive Open Online Courses (MOOCs) platforms; a Learning Management System (LMS); a search engine; and an Internet television. These materials are free to use with some limitations depending on the Creative Commons License it bears.

OUR JOURNEY IS OVER!

DIRECTIONS: Using any of the OERs mentioned above, research about your most favorite lesson in any of the subjects you have taken since elementary until now. Then, on the answer sheet, answer the following questions:

1. Describe your experience using the OER.
2. How would you compare your experience in using the OER and using traditional academic resources such as books and magazines?

Name: _____ Student ID No.: _____

Course: _____ Year: _____

Contact No.: _____ Email Address: _____

ANSWER SHEET

SOB Learning Chunk No. 4
Navigating the Open Educational Resources

1.

2.

INSTRUCTIONS: Please compile all answer sheets of the eight (8) learning chunks and return to:

Student Affairs and Services Offices
Southern Leyte State University, Sogod, Southern Leyte

CUT HERE

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