

## Did Someone Say FREE? Utilizing a Learning Management System in a Hospital based program

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## Objectives

- ❖ Learning Objective 1  
Summarize how to implement a learning management system into the existing structure of a program.
- ❖ Learning Objective 2  
Discuss the pro's and con's to using a free, learning management system.
- ❖ Learning Objective 3  
Evaluate if a learning management system is a valuable tool for hospital based programs to the same extent as university based programs.

## The Need for Change

- ❑ Predominately paper based program.
- ❑ Technology heavy campus to antiquated system.
- ❑ Preparation for BOC



## Learning the Terminology

- Course Management Systems (CMS),
  - Learning Management Systems (LMS),
  - Learning Content Management System (LCMS)
  - Virtual Learning Environments (VLE).
- ALL THE SAME!

### All systems provide common features and options:

- Gradebook
- Calendar
- Discussion
- Assignment upload
- Email notifications

## Free, Open License

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- ✓ Moodle > Free and open source.  
Translated in over 100 languages.  
✓ Many themes and plugins are available allowing Moodle users to extend the features and change the look of the site.
  - ✓ Sakai > Free and open source.
  - ✓ Course sites > a free version of Blackboard Learn and Collaborate.  
✓ You can create up to 5 courses for free  
✓ Web-based
  - ✓ Forma Lms > Free and open source  
✓ Was born in 2012  
✓ Customizable and scalable
  - ✓ Ellademy > Free  
✓ Web-based
  - ✓ Canvas > Open source and free.  
✓ You can host it yourself if you want/can. You can access the source code at GitHub.  
✓ There is a free web-based version.
  - ✓ ELMS Learning Network (ELMSLN) > Free and open source  
✓ A free extension for Drupal, a free and open source content-management framework. This means you have to download and install Drupal first.
  - ✓ Kornukopia > Free, Education Management System (EMS)  
✓ Web-based
  - ✓ Open edX LMS > an well-known and open source platform for creating MOOCs.  
✓ Free and open source
- <https://educationaltechnology.net/free-open-source-learning-management-systems/>

## My experience

- ❑ July 2014: Time of transition for program
  - ❑ Interim Program Director and myself
  - ❑ New class beginning - AT SAME TIME
- ❑ Had a meeting with Blackboard, heard about Canvas
- ❑ Many pro's to Canvas
  - ❑ Easy to sign up
  - ❑ Easy to navigate and set up a course
  - ❑ Easy for students to use
  - ❑ Many features - calendar, discussion, announcement, assignment, file/document management...
  - ❑ FREE

Create Canvas Account

Sign Up As a Teacher

**Sign up now, it's free!**

I'M A TEACHER I'M A STUDENT

Parents sign up here

Sign Up for Your Account

TEACHER SIGNUP

\*First Name \*Last Name

\*School / Organization \*Organization Type

\*Email \*Phone

\*I agree to the terms of use and acknowledge the privacy policy.

SUBMIT

Log In

Click the Need a Canvas Account? Click Here, It's Free! banner.

## Let's Take a Tour of Canvas

Points to cover:

- Dashboard
- Navigating options
- Creating a course
  - Options in course
- Quizzes, assignments, questions banks, files, maximum data storage

### View Student Analytics

Student	Page Views	Participations	Submissions	On Time	Late	Missing	Current Score
Emily Boone	72	8	30	12	3	3	86.21%
Wesley Doe	13	4	30	4	1	4	98.87%
Mike Johnson	29	4	30	4	1	5	94%
Shane Jones			30	0	0	8	43%
Maria Sanderson	2	0	30	0	0	8	40.82%
Steve Smith			30	2	0	8	56.25%

Student Analytics are always shown in a table format and displays an overview of student participation in the course.

You can view the student name [1], page views [2], participations [3], and submissions [4]. Submissions shows how many published and graded assignments each student is assigned in the course. Submissions are also broken down according to how many submissions were on time [5], late [6], and missing [7]. An assignment only counts as missing if the due date has passed and it has not been submitted. You can also view a student's current score percentage [8], which is their total score in the course.

The analytics table is paginated so you can view more students if you continue to scroll down the page.

### View Announcements

Search title, body, or author Unread + Announcement

Assignment One Information  
Doug Roberts  
As you probably noticed, your next assignment has been posted. Here are the answers to a few of the most...

Welcome to Class  
Doug Roberts  
Welcome to History 101 in summer semester 2017. I'm excited to have all of you in this class. Here are a fe...

Announcements are listed in reverse chronological order with the newest appearing first and the older Announcements appearing towards the bottom.

Each announcement includes the name of the announcement [1], the name of the person who posted the announcement [2], whether a discussion has an enabled podcast feed [3], the last announcement post/reply date [4], and the number of unread/total replies in the announcement [5]. If an announcement includes a lock icon, the announcement has been closed for comments [6].

**Note:** If an announcement doesn't include a name and/or user image, the announcement has been copied from a previous course import.

### View Assignments Index Page

All Grading Periods Search for Assignments Group Assignment

Assignments 3/20 of Total 1 Item

Historical Video Assignment  
Available: History 101 - 1 Due: 10/24

A Closer Look: The United States Constitution Written Response 2  
All of Rights Available - 1 Due: 11/20 at 11:59pm - 20 pts

A Closer Look: The United States Constitution Written Response 1  
Articles of Confederation and the Constitution Available - 1 Due: 11/20 at 11:59pm - 10 pts

The Assignments Index page is designed with global settings at the top of the page [1], followed by the Assignment groups [2]. Individual assignments are nested within each Assignment group [3].

# Assessments

## Why give online?

- Feel good prep for certification exam.
  - Used to taking exams on a computer with scratch paper.
  - Have found students do not perform differently between paper and online.
  - Feedback: felt comfortable with computer during cert.
- Produces immediate feedback for students and myself.
- Easily assess statistics for questions and students.



## Lockdown Browser: Respondus

For additional info: <https://www.respondus.com/products/respondus/>

## View Log Feature

- ❖ Allows teacher to see log of students activity while taking exam.
- ❖ Leave Canvas page?
- ❖ What order answer questions in?
- ❖ Use with caution.
- ❖ Other functions that are allowable can make it appear as though students are leaving Canvas page when they are not.
  - ❖ Takes additional investigating.
- ❖ Does not replace lockdown browser feature but can be helpful if questioning students activity while taking an exam.
- ❖ Requires proctoring to still occur.

## Same Exam – Student 2

Canvas updates

To enjoy your experience as an active member and participate often. However, as a member, we ask that you respect the community code.

**The Canvas Community Code**

- Be cool.**  
It's OK to be critical and express frustration from time-to-time, but rudeness is not acceptable. Always treat others with respect. We're in this together.
- Be you.**  
You are encouraged to build your profile and presence, and in that spirit we ask that you include your first and last name in your display name. And, you are discouraged from cloning yourself: always log in with the same account to prevent creating duplicate accounts.
- Pitch ideas, not products.**  
Hey, we know there are a lot of amazing ed-tech tools out there. If you want to share ways these have been helpful in teaching, please do. But if you're a third party vendor or partner, this is not the place to generate sales leads.
- Stay on target.**  
This community is your place to discuss and network about all things Canvas. If you want to sell a couch or find someone with whom to take long walks on the beach, there are other sites for those things.

We trust you'll abide by these guidelines (because you're awesome). With the exception of B Guides comments and B Release Notes comments, comments are not deleted in any other areas of the Canvas Community unless you stray, our B Community Team reserves the right to scold, suspend, or even ban you.

## Canvas Community Guide

FIND ANSWERS

SHARE IDEAS

JOIN GROUPS

**FEATURED PLACES**

**Guides**  
Public documentation for the Canvas LMS and mobile-related products, like Canvas and Commons.

**Release Notes**  
Release Notes for the Canvas LMS and mobile-related products, like Canvas and Commons.

**Canvas Training**  
This is your portal to access Canvas Training throughout your campus and to purchase additional training.

**Canvas Commons**  
Commons is a learning object repository that enables educators to find, reuse, and share resources.

**Canvas Network**  
Canvas Network offers open online courses where educators and students everywhere can learn and connect.

**Partners & Platform**  
Home landing for all existing Canvas partners and for the partner-developer community.

**TRENDING RESOURCES**

**FEATURED PLACES**

**CanvasLIVE**  
CanvasLIVE is a virtual event destination for all Canvas users. Events are hosted by instructors, employees, Canvas Community members, and/or Canvas Partners. Sessions are designed to open dialogue and enhance their teaching and learning with Canvas (more).

**IDEAS CURRENTLY OPEN FOR VOTE**

Mar 5, 2017  
**Student Highlight & Annotation Tools for Quizzes**

Mar 1, 2017  
**Regrade quiz when deleting questions**

Mar 1, 2017  
**"Message OBSERVERS of Students Who..." in Grade books**

Mar 3, 2017  
**Multiple Numerical Blanks**

Mar 5, 2017  
**Ability to brand Canvas notifications**

Mar 1, 2017  
**Let us schedule a Publish Date / Time for Content Pages**

**FEATURED PLACES**

**Canvas User Engagement**  
Share tips, tricks, assets, and strategies to optimize Canvas without training, and continued adoption.

**Canvas Admins**  
A group for anyone who is a Canvas admin in their instance. Ask questions and share your ideas!

**Instructional Designers**  
Collaborate with other course developers and instructional designers in connection with Canvas course design.

**LMS Migration Strategies**  
A group to discuss best practices related to LMS to Canvas migration.

**Higher Education**  
A group for anyone using Canvas within higher education setting. Ask questions and share ideas!

**K-12**  
A group for anyone using Canvas within K12 setting. Ask questions and share ideas!

**Canvas Developers**  
A group for those involved in building LTI or API integrations. We also welcome discussion around other standards here.

# Pro's & Con's

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## Pro's

- ❖ Allows for hybrid learning
- ❖ Possibility for distance learning courses
- ❖ All files and lectures in one place
- ❖ Easy, rapid communication with students
  - ❖ Snow day
  - ❖ Sick day
  - ❖ Schedule – mine and theirs
- ❖ Canvas related: updates and new features are also made available to free users.

## Con's

- ❖ Some features only available to paid license institutions/organizations
  - ❖ Not many with Canvas, experience with others?
- ❖ Reluctant faculty/instructors
- ❖ Internet down
- ❖ Downloading stats and exams
  - ❖ Files busy
  - ❖ Blank exam without answers for instructors to review, difficult
- ❖ Pictures from the internet for exams and resources

## Open Educational Resources

\*Free to build your courses

### OER definition:

"teaching, learning, and research resources that reside in the public domain or have been released under an intellectual property license that permits their free use and re-purposing by others. Open educational resources include full courses, course materials, modules, textbooks, streaming videos, tests, software, and any other tools, materials, or techniques used to support access to knowledge" (William & Flora Hewlett Foundation)



## Open Educational Resources

### FREE Textbooks and ebooks:

- [BCcampus](#) > Textbooks
- [Book Boon](#) (Varies) > Free ebooks and textbooks
- [Boundless](#) > Textbooks\*
- [College Open Textbooks](#) > Open textbooks
- [Merlot X](#) > Free Online Textbooks
- [Textbook Revolution](#) > Textbooks

### FREE Open, Online Courses:

- [Open Learning Initiative](#) (Carnegie Mellon University) > Online free courses
- [HarvardX MOOCs](#) > Harvard's Massive Open Online Courses (MOOCs)
- [The Open University on iTunes U](#) > Various subjects
- [Khan Academy](#) > Various subjects
- [MIT OPEN COURSEWARE](#) > Free and open publication of material from thousands of MIT courses, covering the entire MIT curriculum
- [Notre Dame Open Course Ware](#) > NotreDameX
- [Open Yale Courses](#) > Lectures and course materials

<https://educationaltechnology.net/open-free-educational-resources-oer-teaching-learning/>

### Sites with information to add when building courses, how-to build a course, etc.:

[Cool 4 Ed](#) > Open online library for education

[iBerry](#) > information and resources for online learners, researchers, educators

[Open Course Library](#) > A collection of high quality, free-to-use courses.

[Open Education Consortium](#) > Resources, tools and practices



<https://educationaltechnology.net/open-free-educational-resources-oer-teaching-learning/>

IS IT  
WORTH IT?

(Ab'sō·lūte·ly)



## Resources

Forest, E. (2018). Free & Open Source Learning Management Systems. Retrieved from: <https://educationaltechnology.net/free-open-source-learning-management-systems/>

Forest, E. (2018). Open and Free Educational Resources (OER) For Teaching & Learning. Retrieved from: <https://educationaltechnology.net/open-free-educational-resources-oer-teaching-learning/>

William & Flora Hewlett Foundation. Retrieved from: <https://www.hewlett.org/strategy/open-educational-resources/>

Thank you!

