

# Introduction to an Open-Source Teaching and Assessment System – MyOpenMath

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# Humber's transition and our experience

- MyOpenMath is an **open-educational** platform used for practice questions, quizzes, assignments, tests and live polls.
- Pre-pandemic, MyOpenMath was trialed in a few math courses at Humber
- Since pandemic, approximately **10,000 Humber students** per year are using MyOpenMath for their math and stats courses.

# A Sample Course on MyOpenMath

### Communication

Messages  
Forums

### Tools

Roster  
Gradebook  
Calendar  
Course Map  
More...

### Questions

Manage  
Libraries

### Course Items

Copy From...  
Export

### Mass Change


Assessments  
Forums  
Blocks  
Dates  
Time Shift

Course Settings  
Help  
Log Out

## BMTH 120 Template (OCMA)

View: **Instructor** Student Quick Rearrange

Add An Item... ▾

 **Welcome Students!**  
Showing Always

Click on the **Course Information/Getting Started** folder to find an **Intro to MyOpenMath** assignment to help familiarize you with entering answers in MyOpenMath.

 **Humber Math Centre Online Help**   
Showing Always

Students are now able to book online tutoring sessions for both math and writing help. We invite students to visit our website where they can choose between the Math and Writing Centre and will also find instructions on how to book their online appointments for each.

Above is the link for the Math Centre Tutoring.

- ▶ **Course Information/Getting Started**   
*Currently Showing Collapsed. Showing Expanded Thu 1/14/21, 10:00 am to Sat 1/30/21, 11:59 pm*
- ▶ **Unit 1 Introduction to Math of Finance**   
*Currently Showing Collapsed. Showing Expanded Sat 1/16/21, 10:00 am to Fri 1/22/21, 11:59 pm*
- ▶ **Unit 2 Compound Interest - Future value and Present value**   
*Currently Showing Collapsed. Showing Expanded Sat 1/23/21, 10:00 am to Fri 1/29/21, 11:59 pm*
- ▶ **Unit 3. Compound Interest-Further topics**   
*Currently Showing Collapsed. Showing Expanded Sat 1/30/21, 10:00 am to Fri 2/5/21, 11:59 pm*
- ▶ **Unit 4 Annuities: Concepts, Future Value calculations**   
*Currently Showing Collapsed. Showing Expanded Sat 2/6/21, 10:00 am to Fri 2/12/21, 11:59 pm*
- ▶ **Unit 5 Annuity: Present Value and Annuity Payment Calculation**   
*Currently Showing Collapsed. Showing Expanded Sat 2/13/21, 10:00 am to Fri 2/19/21, 11:59 pm*
- ▶ **Unit 6 Annuities: Number of Annuity Payments and Interest Rate**   
*Currently Showing Collapsed. Showing Expanded Sat 2/20/21, 10:00 am to Fri 2/26/21, 11:59 pm*
- ▶ **Unit 7 Amortization of Loans and Mortgages**   
*Currently Showing Collapsed. Showing Expanded Sat 2/27/21, 10:00 am to Fri 3/5/21, 11:59 pm*

# Features

Creating quizzes and searching in the library

Integration with LMS (Blackboard, Canvas, D2L, Moodle)

Live Polls

Late pass

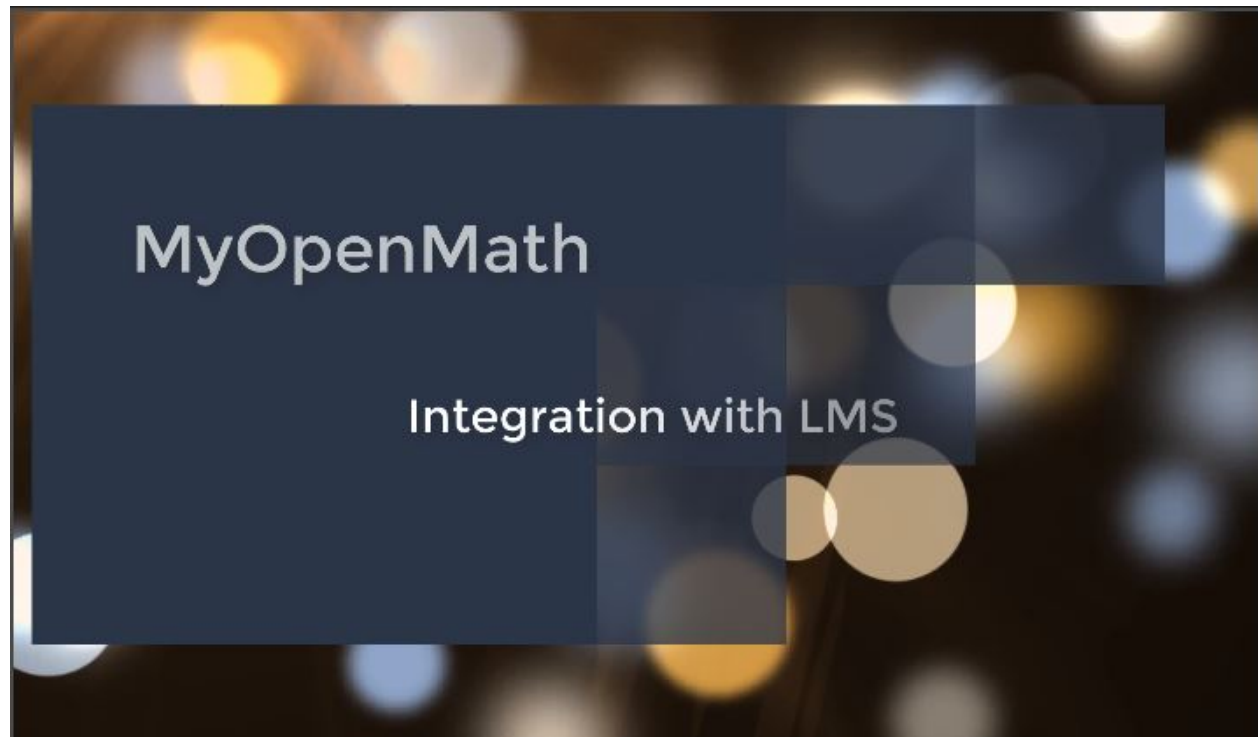
Accommodations

Creating quizzes  
and searching in  
the library (demo)



Integration  
with LMS  
(Blackboard,  
Canvas, D2L,  
Moodle)

Once MyOpenMath is integrated with LMS, students don't need to register or go to MyOpenMath to access assessments.

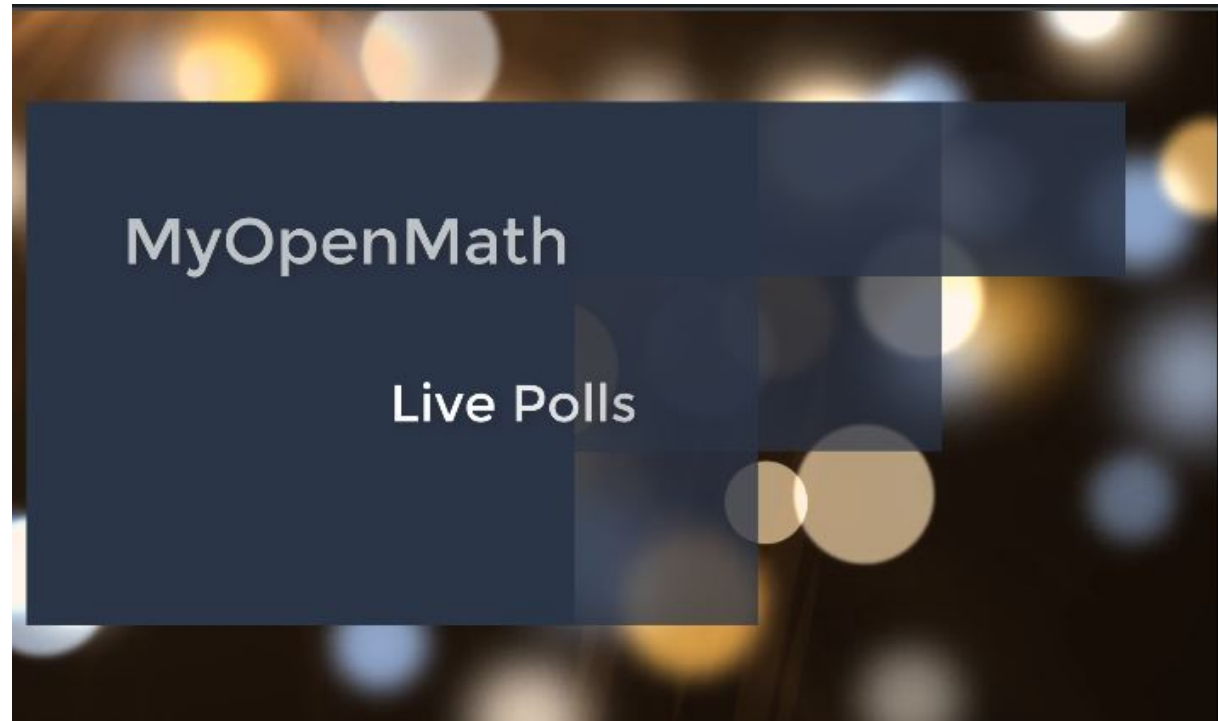




## Live Polls

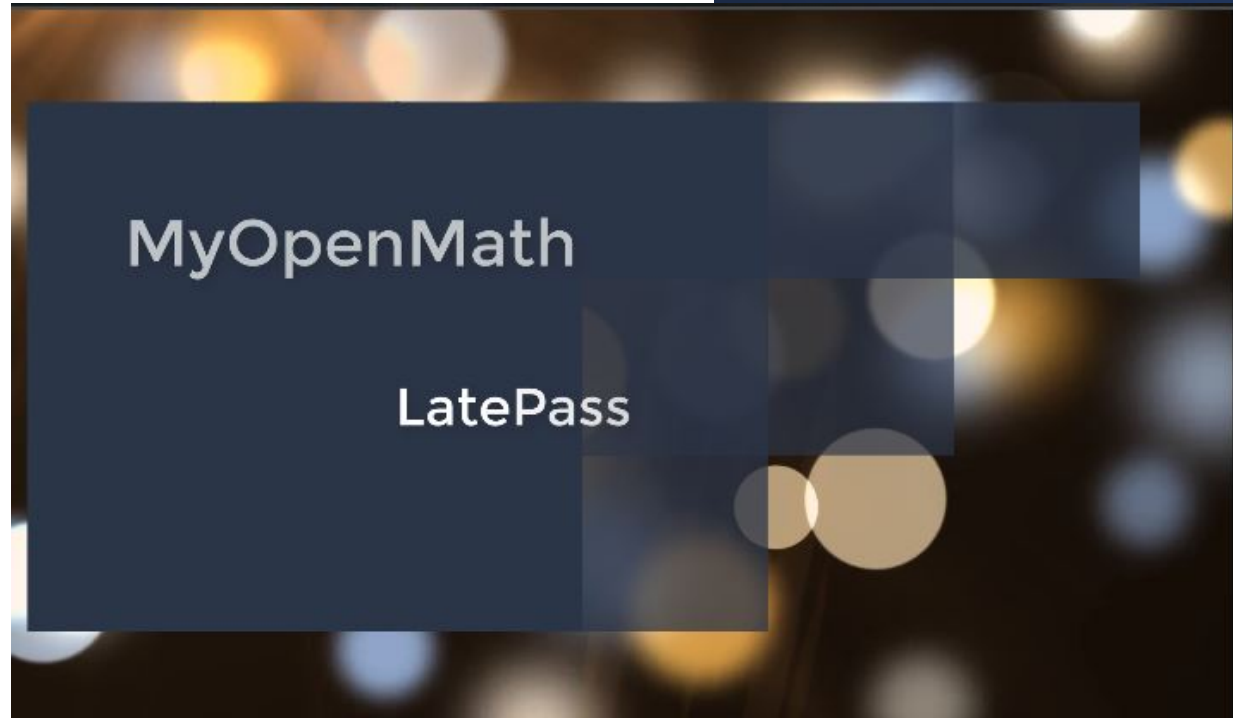
Live Poll is a student engagement tool used in classroom.

- Grades can go to students' gradebook if choose to.
- Works well with math questions.



# Late Passes

- LatePasses allow students to grant themselves an extension on a homework assignment.
- Teacher can decide whether and how to use LatePasses in their classes.





# How I use Late Passes

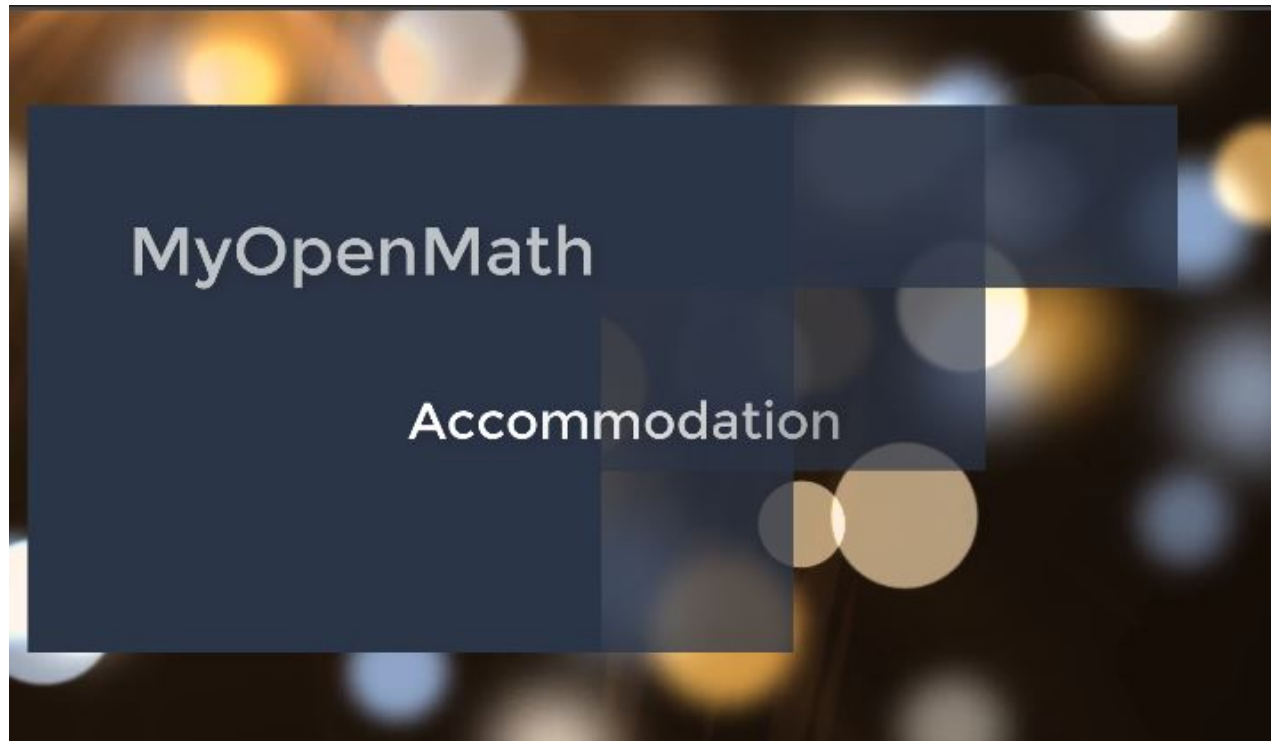
Gave every student  
10 Late Passes at  
the beginning of  
the semester

Each Late Pass  
allows 24-hour  
extension to  
an assessment

Only allow Late  
Passes to be used  
in quizzes but not  
tests.

# Accommodations

- For students who require additional time on assessments, teacher can set it up once for the whole semester.



# Challenge and Solution



STUDENT PRIVACY

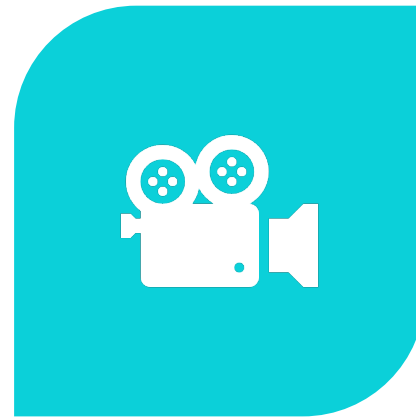


IDEAS (HUMBER'S OWN  
IMATHAS INSTANCE)

# Resources



THREE HUNTER COURSES  
TO COPY



TRAINING VIDEOS



SUPPORT AND TRAINING  
COURSES

# Three Humber courses to copy






**Mathematics of  
Finance (Humber  
BMTH 120)  
(OCMA)**

**Math HeadStart  
for Technical  
Mathematics  
(OCMA)**

**Math HeadStart  
for Business  
Mathematics  
(OCMA)**

If interested in any of these courses, email Kate or Colleen for course ID and enrollment key.

# Topics in Math HeadStart courses

- ▶ **Skills Quiz**  
Showing Collapsed Always 
- ▶ **Module-1: Numerical Computations**  
Showing Collapsed Always 
- ▶ **Module-2: Fractions**  
Showing Collapsed Always 
- ▶ **Module-3: Decimals**  
Showing Collapsed Always 
- ▶ **Module-4: Percent**  
Showing Collapsed Always 
- ▶ **Module-5: Introduction to Algebra**  
Showing Collapsed Always 
- ▶ **Module-6: Algebra**  
Showing Collapsed Always 
- ▶ **Module-7: Algebra Applications**  
Showing Collapsed Always 
- ▶ **Module-8: Geometry**  
Showing Collapsed Always 
- ▶ **Module-9: Graphing**  
Showing Collapsed Always 



# Training Videos

## Learning Resources by Humber Faculty

- [Copying a Course by Sandeep Bhargava \(2:02\)](#)
- [Adding a Block by Sandeep Bhargava \(1:46\)](#)
- [Introduction to Block, Item, Link, Assessment Creation \(22:55\)](#)
- [Introduction to using Live Polls and the Gradebook in MyOpenMath. \(26:45\)](#)
- [MyOpenMath Gradebook Part 1. \(14:50\)](#)
- [MyOpenMath Gradebook Part 2. \(14:27\)](#)
- [Enabling the Show Work Feature in MyOpenMath. \(8:57\)](#)
- [Exporting Material from MyOpenMath into Blackboard. \(7:35\)](#)

## Learning Resources from Professor David Lippman (some of these videos use older versions of MyOpenMath)

- [Quickstart 1: Creating Courses \(8:02\)](#)
- [Quickstart 2: Setting Dates \(9:03\)](#)
- [Quickstart 3: Content Rearrangement \(7:01\)](#)
- [Quickstart 4: Assessment Settings \(9:37\)](#)
- [Quickstart 5: Gradebook and Roster \(8:22\)](#)
- [Question Writing 1 \(22:06\)](#)
- [Question Writing 2 \(12:49\)](#)











These links can all be found at <https://anthonyvanhoy.com/MyOpenMathvid.html>

# Training Course

## Training Course

### Quickstart

This set of videos covers the essentials to get you up and going: Creating a course by copying an existing one, modifying dates, and some basic operations.

- [Create a Course](#)  [\[+\]](#)
  - Covers creating a course from one of the template courses, or by copying from a colleague
- [Rearranging Content](#)  [\[+\]](#)
  - Rearranging and removing content on the course page
- [Setting Dates](#)  [\[+\]](#)
  - Setting dates for items in the course, individually or using Mass Change Dates
- [Assessment Settings](#)  [\[+\]](#)
  - An overview of the assessment settings, and modifying them using Mass Change: Assessments.
  - The video above is for the new assessment interface. If you're still using the old interface, watch this: [Old Assessment Settings](#)  [\[+\]](#)
- [Reviewing Questions](#)  [\[+\]](#)
  - Rearranging and removing questions on the Add/Remove Questions page
- [Enrolling Students](#)  [\[+\]](#)
  - How students self-enroll into your course
  - You can put your course ID and enrollment key in this document and hand it out to your students, if you'd like:
  - [Accessing MyOpenMath \(Word Doc\)](#) 
- [Roster and Gradebook Basics](#)  [\[+\]](#)
  - An overview of the Roster and Gradebook
- [MathQuill and the Text Editor](#)  [\[+\]](#)
  - Using the math and graph tools in the text editor, and using the MathQuill equation helper in assessments

# Support Course











## Forum: General Comments/Discussion

[View Forum Description](#)

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Search:   All forums in course?

| [List Posts by Name](#) | [Limit to New](#) | [Limit to Flagged](#) |

Topic	Started By	Replies	Views (Unique)	Last Post
<a href="#">LTI 1.1/1.3 - Blackboard Ultra Grade Posting</a> 	Melton, Ryan	5	85 (39)	October 20, 2021, 5:22 am <a href="#">New</a>
<a href="#">Using MOM as a standalone CMS (Course Management System)</a> 	Butenko, Anton	5	120 (64)	October 20, 2021, 12:03 am <a href="#">New</a>
<a href="#">Myopenmath and canvas integration</a> 	Viveros, Hugo	3	89 (54)	October 19, 2021, 1:24 pm <a href="#">New</a>
<a href="#">Individual Passwords</a> 	Warren, Sherri	2	110 (67)	October 18, 2021, 10:21 am <a href="#">New</a>
<a href="#">Please elaborate this detailed answer feature</a> 	Harbaugh, Gregg	5	113 (69)	October 15, 2021, 12:41 pm <a href="#">New</a>
<a href="#">Entire Class got an Exception</a> 	Stull, Beth	2	81 (66)	October 14, 2021, 11:27 am <a href="#">New</a>
<a href="#">Mathematical Software</a> 	Suzuki Administrator, Jeff	6	285 (131)	October 13, 2021, 5:53 pm <a href="#">New</a>
<a href="#">Help with question ID #785663</a> 	Bomer, Megan	1	86 (56)	October 13, 2021, 11:17 am <a href="#">New</a>
<a href="#">Practice Mode</a> 	Van Slyke, David	1	62 (57)	October 10, 2021, 5:37 pm <a href="#">New</a>
<a href="#">Video Lesson Assignment So Students Submit Their Notes From The Video</a> 	Yusaf, Rehana	1	43 (45)	October 8, 2021, 12:17 am <a href="#">New</a>

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# Questions and contact

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