

# Canvas Analytics



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[learning.nmsu.edu](https://learning.nmsu.edu)

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## NMSU Systems (administration + support + training)

- Canvas LMS
- Course Evaluations & Surveys
- Zoom
- Canvas Credentials / Badging
- Canvas Studio
- CidiLabs DesignPLUS / UDOIT
- EdPuzzle
- Gradescope
- iClicker
- Intelliboard
- Canvas Microlearning / Catalog
- Packback
- Quickbase
- Readspeaker
- Respondus Lockdown Browser
- Turnitin
- Yellowdig
- Metaverse / VR
- Khanmigo
- Atomic Search

## AT Open Lab



On-Demand Support via Zoom  
Monday – Friday  
Accessed through the Canvas Help Menu

<https://learning.nmsu.edu/>

[learning@nmsu.edu](mailto:learning@nmsu.edu)

575-646-5125



# Workshop Agenda

- Canvas Analytics Overview
  - Why would I want to use Canvas analytics?
  - Who has access to New Analytics?
- Canvas Analytics
  - People
  - New Analytics
  - Canvas Studio Insights
  - Modules Progress
  - Quiz Statistics / Quiz Log



# Analytics are boring right? Not necessarily...

## Dictionary

Definitions from [Oxford Languages](#) · [Learn more](#)



an·a·lyt·ics

/,anəˈlɪdɪks/

*noun*

the systematic computational analysis of data or statistics.

"content analytics is relevant in many industries"

- information resulting from the systematic analysis of data or statistics.  
"these analytics can help you decide if it's time to deliver content in different ways"

Source: [languages.oup.com](https://languages.oup.com)



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# Why would I want to use Canvas analytics?



## Monitor student engagement

Provide interventions when needed

Attendance

Did students view my content?



## Make data-driven decisions

Improve online quizzes using statistics

Adjust overall structure/flow of course based on student activity

Determine optimal length of video content



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# Who has access to New Analytics?

- NMSU Canvas Roles
  - Teacher Yes
  - Co-Teacher Yes
  - TA Yes
  - Students No
- Types of Classes
  - Academic
  - Non-Academic



# People (course navigation)

Name	Login ID	SIS ID	Section	Role	Last Activity	Total Activity
 Daniel Olsson Admin	[REDACTED]	[REDACTED]	Introduction to Canvas Workshop - DO	Teacher	Oct 12 at 2:17pm	256:54:50
 <a href="#">Chris P. Bacon</a>	canvas0016	canvas0016	Introduction to Canvas Workshop - DO	TA	Aug 5, 2020 at 7:52am	* < 2 minutes
 <a href="#">Clara Barton</a>	canvas0008	canvas0008	Introduction to Canvas Workshop - DO	Student	Mar 19 at 3:32pm	05:08
 <a href="#">David Crockett</a>	canvas0013	canvas0013	Introduction to Canvas Workshop - DO	Student	Aug 30 at 8:44am	02:20
 <a href="#">Madame Marie Curie</a>	canvas0005	canvas0005	Introduction to Canvas Workshop - DO	Observer Only		
 <a href="#">Benjamin Franklin</a>	canvas0006	canvas0006		Observing: nobody		
 <a href="#">Robin Hood</a>	canvas0012	canvas0012	Introduction to Canvas Workshop - DO	Student	Aug 30 at 8:45am	01:35:16



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# New Analytics

- Provided by Instructure
- Implemented via Learning Tools Interoperability (LTI)
- Data is refreshed within published courses every 8 hours
- Page views and participation metrics are aggregated across all devices which includes the mobile app
- Tool is broken down into 5 separate tabs

Course Grade

Weekly Online Activity

Students

Reports

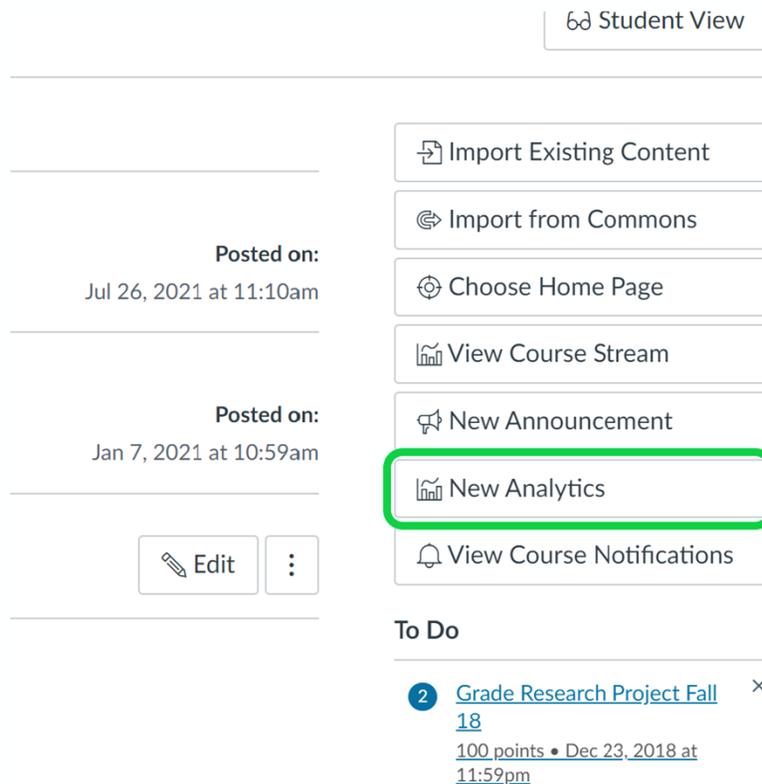
Attendance

NEW



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# Where is the tool located in Canvas?



63 Student View

---

Posted on:  
Jul 26, 2021 at 11:10am

---

Posted on:  
Jan 7, 2021 at 10:59am

Edit

- Import Existing Content
- Import from Commons
- Choose Home Page
- View Course Stream
- New Announcement
- New Analytics**
- View Course Notifications

To Do

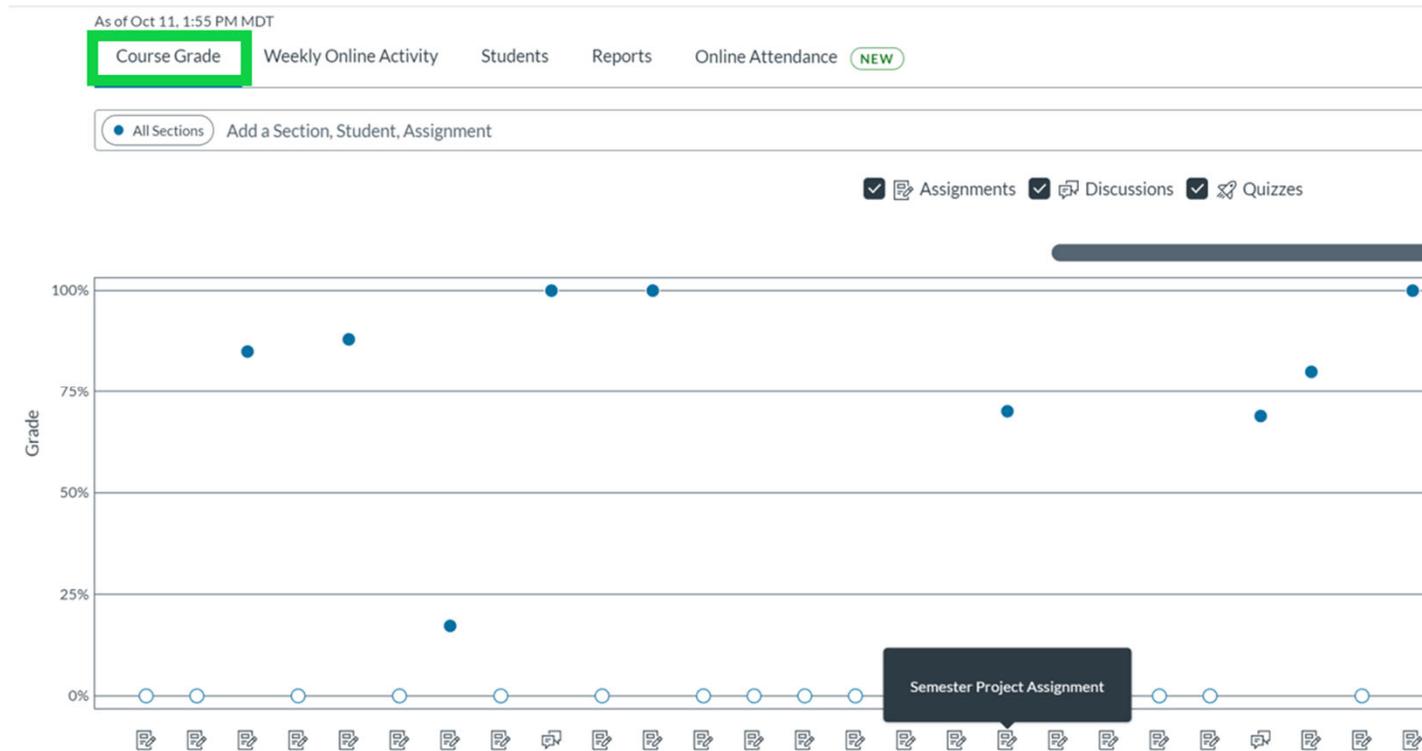
- 2 [Grade Research Project Fall 18](#) ×  
100 points • Dec 23, 2018 at 11:59pm

- Navigate to your course homepage
- Click the *New Analytics* button (top right of screen)



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# (1) Course Grades Tab Overview



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# (1) Course Grades Filtering

You cannot filter more than 3 items at a time!

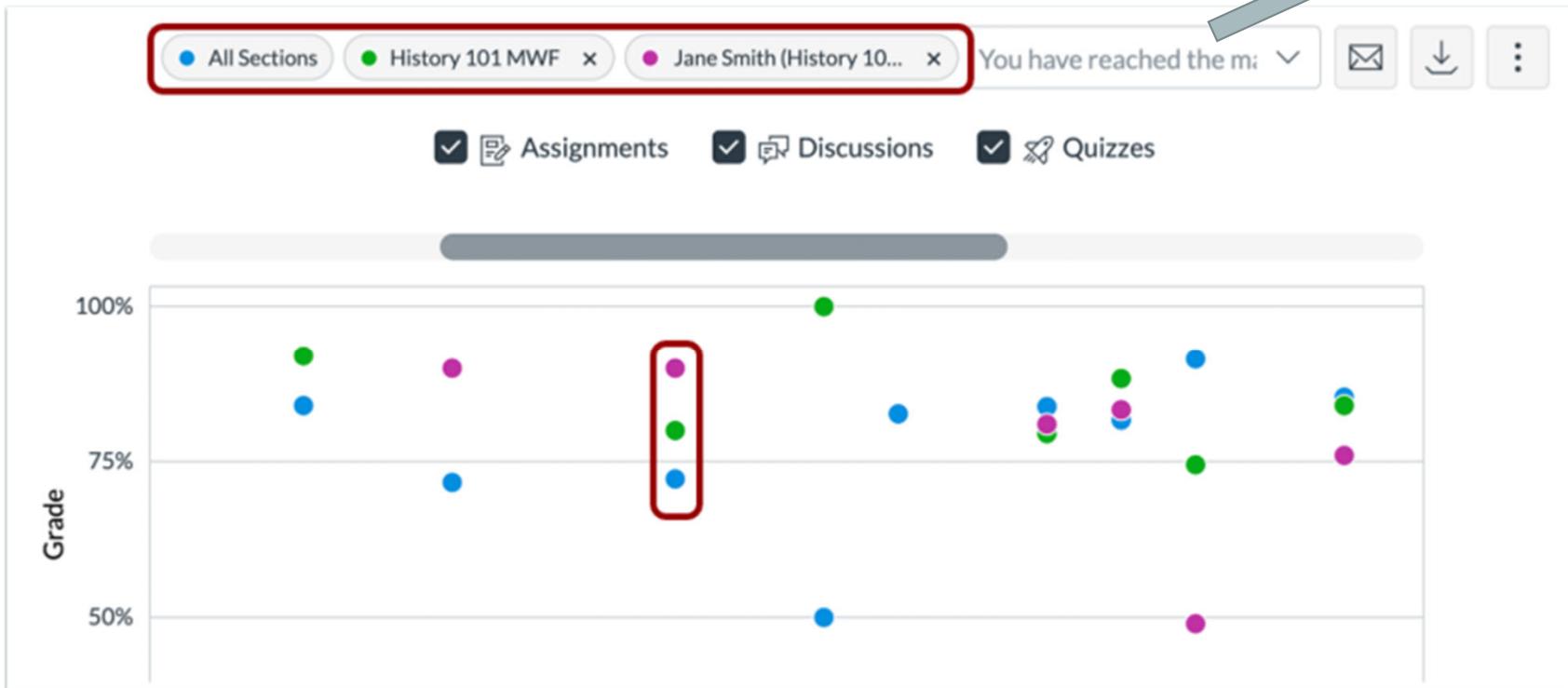


Image Source: [community.canvaslms.com](https://community.canvaslms.com)



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# (1) Course Grades Chart Options

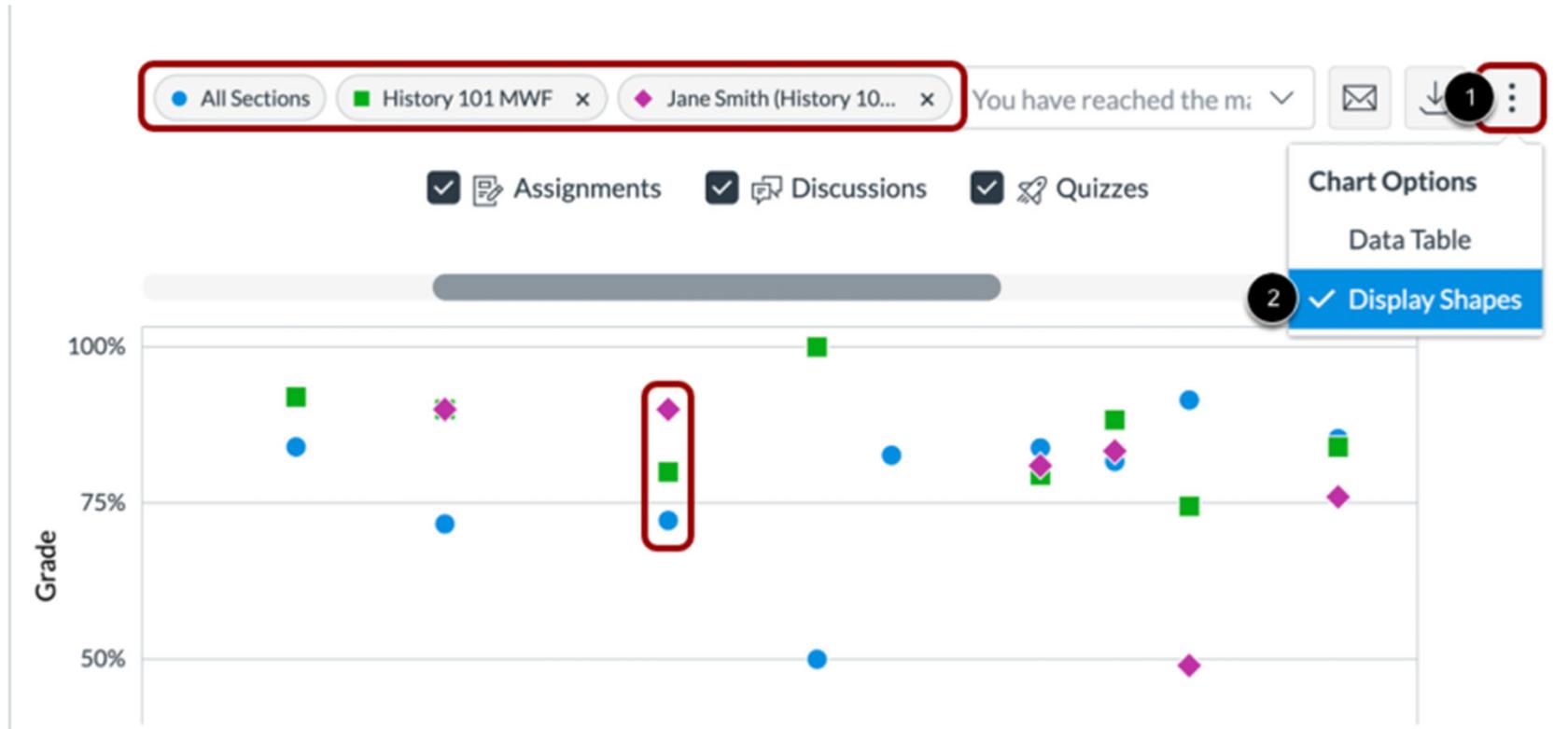


Image Source: [community.canvaslms.com](https://community.canvaslms.com)



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# (1) Course Grades Messaging



• All Sections

proctored exam

No Due Date



Message Students Who

Score Range Missing Late

Range 0 to 100 %

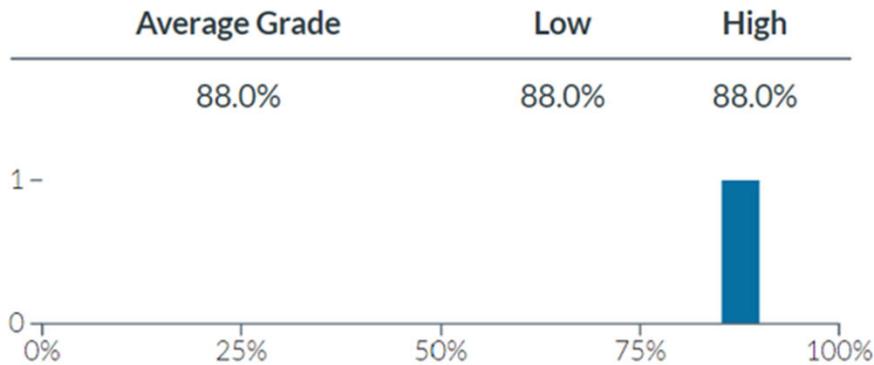
BCC All Sections 1 Students

Subject Enter subject of message here...

Message

Close

Send



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# (1) Course Grades Data Export



Full name	Sortable name	Overall course grade	Assignment on time percent	Last page view time	Last participation time	Last logged out	Email	SIS Id
Marco Polo	Polo, Marco	89.16		20-Mar-18	-	29-Jan-21	canvas0003@nmsu.edu	canvas0003
Clara Barton	Barton, Clara	92.46	100	19-Mar-21	19-Mar-21	29-Jan-21	canvas0008@nmsu.edu	canvas0008
John Kennedy	Kennedy, John	94.19		20-Mar-18	-	-	canvas0001@nmsu.edu	
David Crockett	Crockett, David	91.11	50	30-Aug-21	30-Aug-21	29-Jan-21	canvas0013@nmsu.edu	canvas0013
Martin Luther	Luther, Martin	93.98	0	30-Aug-21	30-Aug-21	11-Jun-21	canvas0010@nmsu.edu	canvas0010
Robin Hood	Hood, Robin	86.21	50	30-Aug-21	30-Aug-21	29-Jan-21	canvas0012@nmsu.edu	canvas0012
Walter Payton	Payton, Walter	91.57		20-Mar-18	-	-	canvas0019@nmsu.edu	canvas0019
Atilla T Hun	Hun, Atilla T	88.66	100	5-Aug-20	-	29-Jan-21	canvas0002@nmsu.edu	canvas0002
Nikola Tesla	Tesla, Nikola	93.98		20-Mar-18	-	29-Jan-21	canvas0011@nmsu.edu	canvas0011
Betsy Ross	Ross, Betsy	84.88		16-Oct-19	-	29-Jan-21	canvas0009@nmsu.edu	canvas0009
George Washington	Washington, George	86.6	100	20-Mar-18	-	-	canvas0020@nmsu.edu	canvas0020
Aldous Huxley	Huxley, Aldous	96.78	0	30-Aug-21	30-Aug-21	29-Jan-21	canvas0014@nmsu.edu	canvas0014
Merwin Maude	Maude, Merwin	86.51		20-Mar-18	-	29-Jan-21	canvas0015@nmsu.edu	canvas0015
Will Rogers	Rogers, Will	86.75		20-Mar-18	-	-	canvas0017@nmsu.edu	canvas0017

\*Export will be in a Zip file format containing a CSV file



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# (2) Weekly Online Activity Tab

Average Course Grade 91.22%

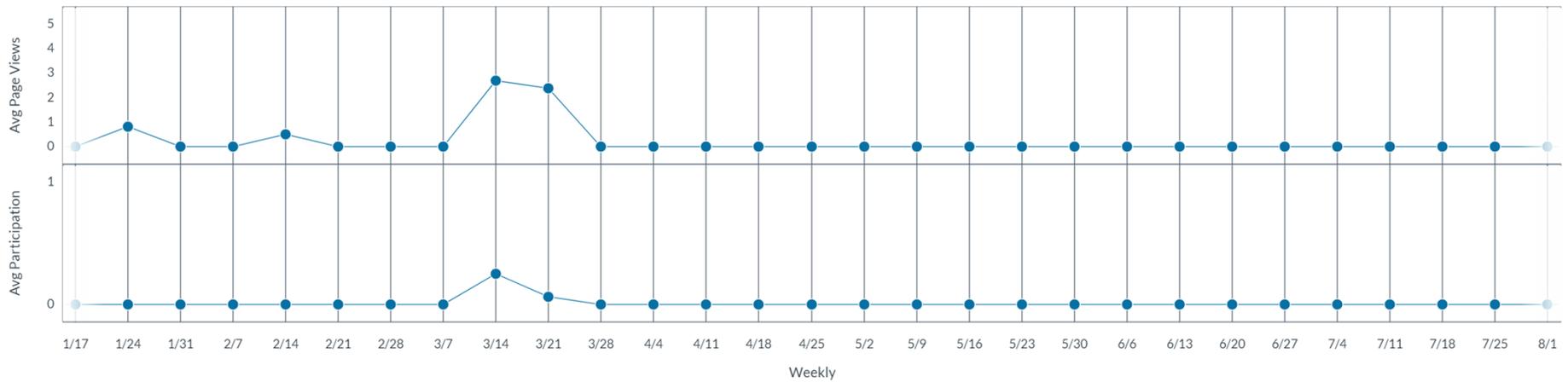
Settings

As of Oct 11, 1:55 PM MDT

Course Grade **Weekly Online Activity** Students Reports Online Attendance **NEW**

Mar 18, 2018–Oct 10, 2021

All Sections Add a Section, Student



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## (2) Weekly Online Activity Filtering

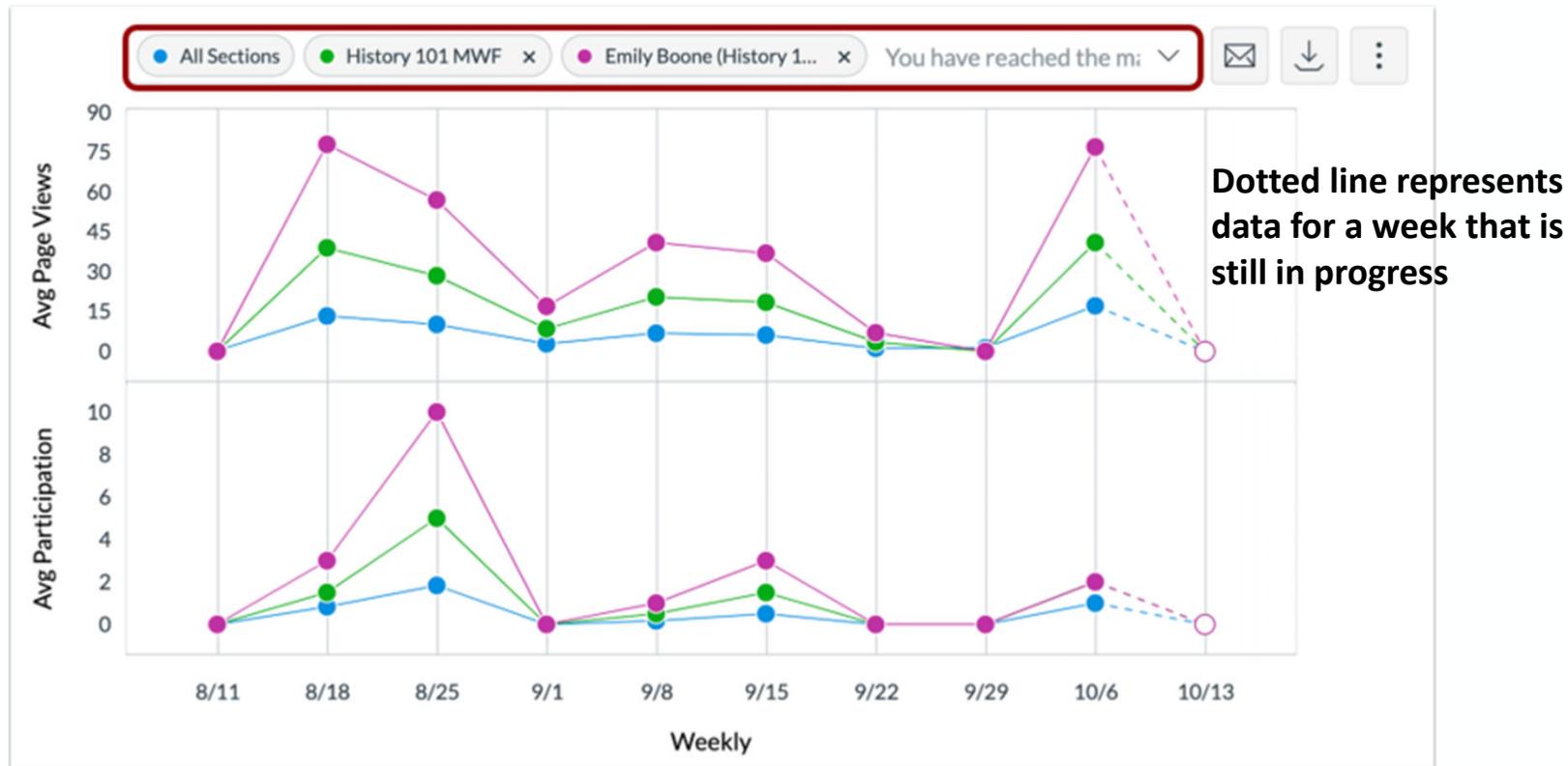


Image Source: [community.canvaslms.com](https://community.canvaslms.com)



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## (2) What triggers a participation in the data?

- Announcements: posts a new comment to an announcement
- Assignments: submits an assignment
- Collaborations: loads a collaboration to view/edit a document
- ~~Conferences: joins a web conference~~
- Discussions: posts a new comment to a discussion
- Pages: creates a page
- Quizzes: submits a quiz
- Quizzes: starts taking a quiz



# (2) Weekly Online Activity Resources Table

Resource	▼ Students	Page Views	Participations
 Course Home	16	448	0
 canvas transparent.png	8	41	0
 Course Assignments	6	11	0
 Course People	5	13	0
 Course Discussions	5	12	0
 Course Grades	4	11	0
 Peer Review Demonstration	4	8	4



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# (2) Weekly Online Activity Messaging



Message Students Who

Viewed   Didn't View   Participated   Didn't Participate

Resource

BCC  [✎ 16 Students](#)

Subject

Message

Close

Send



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# (2) Weekly Online Activity Data Export



Resource	Students	Page Views	Participations
Course Pages	3	3	0
Line.gif	1	1	0
Word Upload Assignment	1	1	0
canvas transparent.png	8	41	0
LockDown Browser	1	4	0
Peer Review Demonstration	4	8	4
Canvas Studio Upload	1	1	0
Course Quizzes	1	5	0
Rubric Added after Submission Test	1	2	0
Course Modules	2	4	0
Daniel Olsson Admin	1	3	0
Adobe Connect	1	3	0
Course Discussions	5	12	0
Canvas Studio Comments	1	1	0
Course Assignments	6	11	0
Canvas Studio Quiz	1	1	0
Essay #3	1	2	0
Partition a Square!	2	4	4
Getting_Started.png	1	1	0
GSlides Collaboration	1	0	1
Course Collaborations	1	3	0
Course People	5	13	0
Course Home	16	448	0



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# (3) Students Tab Overview

Average Course Grade 91.22%

Settings

As of Oct 11, 1:55 PM MDT

Course Grade

Weekly Online Activity

Students

Reports

Online Attendance

NEW

Mar 18, 2018–Oct 10, 2021

All Sections Add a Section, Student



Students (16) ▲	Grade	% On Time	Last Participation	Last Page View	Page Views	Participations
 <a href="#">Clara Barton</a> canvas0008@nmsu.edu	92%	100%	Mar 19, 2021	Mar 19, 2021	87	3
 <a href="#">David Crockett</a> canvas0013@nmsu.edu	91%	50%	Aug 30, 2021	Aug 30, 2021	45	2
 <a href="#">Robin Hood</a> canvas0012@nmsu.edu	86%	50%	Aug 30, 2021	Aug 30, 2021	87	3



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# (3) Students Tab / Individual Course Grade

**CB** Clara Barton 

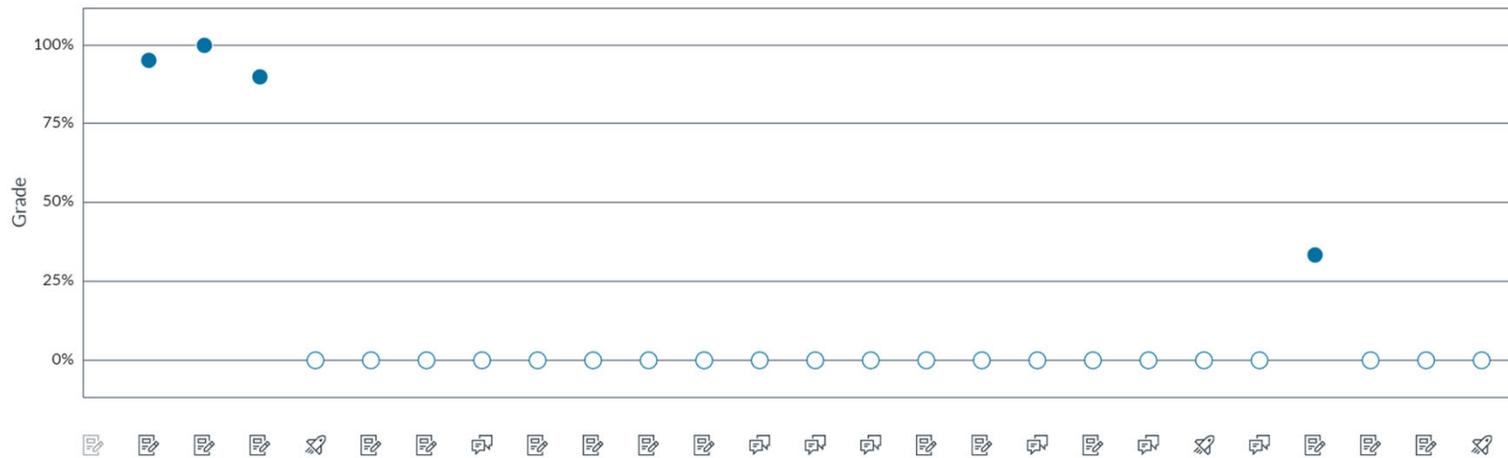
Course Grade

Weekly Online Activity

Communication

92.46% Grade

As of Oct 11, 1:55 PM MDT



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# (3) Students Tab / Individual Weekly Online Activity

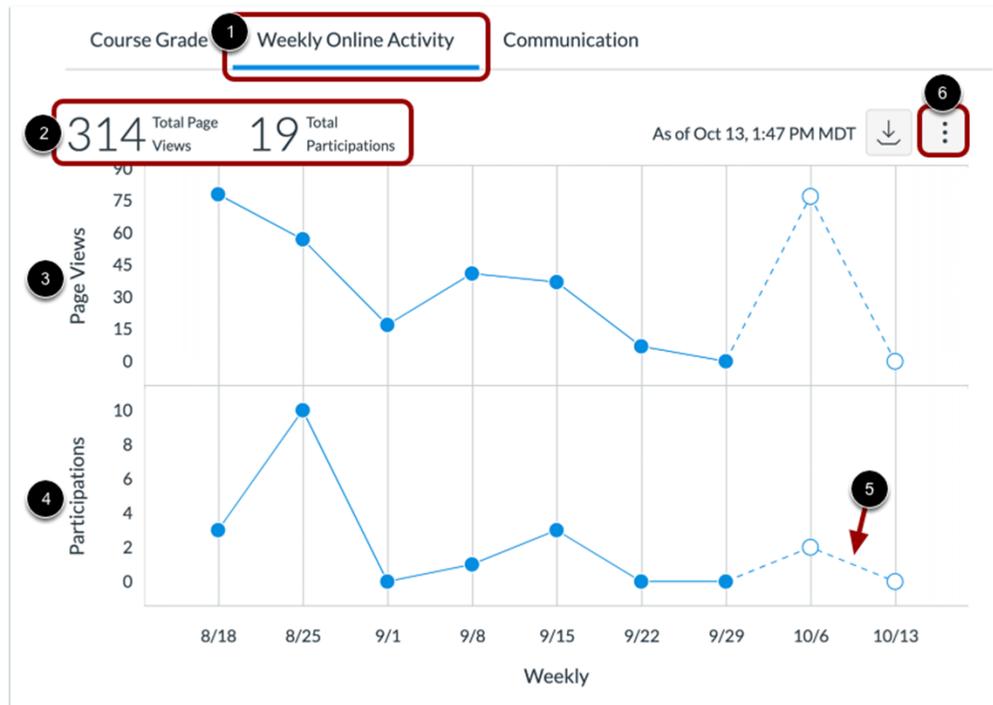


Image Source: [community.canvaslms.com](https://community.canvaslms.com)

×

Aug 2, 2020–Aug 8, 2020 ↓

Resource	Page Views	Participations
🏠 Course Home	10	0
📄 Course Pages	1	0
🖼️ canvas transparent.png	2	0



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# (3) Students Tab / Communication



Communications are defined as the number of conversations via the Canvas Inbox

Image Source: [community.canvaslms.com](https://community.canvaslms.com)



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# (4) Reports Tab Overview

Average Course Grade 91.22%

 Settings

Course Grade

Weekly Online Activity

Students

Reports

Online Attendance

NEW

Run a report as CSV with near real-time data.

Missing Assignments 

Run Report

Late Assignments 

Run Report

Excused Assignments 

Run Report

Class Roster 

Run Report

Course Activity 

Run Report



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# (4) Reports Tab / Missing Assignments

## Missing Assignments x

This report will produce a list of assignments that have not been submitted yet.

### Example

Student Name	Student ID	Course Name	Course ID	Section Name	Assignment Name	Points Possible	Due Date	Unlocked Date
Student 1	201	Analytical Reporting	17	Afternoon Section	Reporting Techniques 2	10	November 9, 2019	November 1, 2019

\*Export will be in CSV file format

Close



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# (4) Reports Tab / Late Assignments

## Late Assignments x

This report will produce a list of assignments that have been submitted late.

### Example

Student Name	Student ID	Course Name	Course ID	Section Name	Assignment Name	Points Possible	Due Date	Unlocked Date	Submitted Date	Graded Date	Posted Date
Student 1	201	Analytical Reporting	17	Afternoon Section	Reporting Techniques 2	10	November 9, 2019	November 1, 2019	2013-02-26T11:50:36-07:00	2013-02-26T11:50:36-07:00	2013-02-26T11:50:36-07:00

\*Export will be in CSV file format

Close



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# (4) Reports Tab / Excused Assignments

## Excused Assignments x

This report will produce a list of assignments that are excused

### Example

Student Name	Student ID	Course Name	Course ID	Section Name	Assignment Name	Points Possible	Due Date	Unlocked Date
Student 1	201	Analytical Reporting	17	Afternoon Section	Reporting Techniques 2	10	November 9, 2019	November 1, 2019

\*Export will be in CSV file format

Close



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# (4) Reports Tab / Class Roster

## Class Roster ✕

This report will produce a list of students enrolled in the course or section with student contact information such as email, SIS ID, etc. Report data is up to 40 hours delayed.

### Example

Student Name	Student ID	Student SIS ID	Email	Section Name
Student 1	201	51518	peterpanda@example.com	Section 1

\*Export will be in CSV file format

Close



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# (4) Reports Tab / Course Activity

## Course Activity x

The report provides a list of daily user interactions in course resources, where each report entry captures a summary of user views and participations. Report data are up to 40 hours hours delayed, account time zone is applied to facilitate daily views and participation aggregates. Calendar filter only accommodates for 14 days in the past.

### Example

Student Id	Student Name	Sortable Name	Student SIS ID	Section Id	Section Name	Course Id	Course Name	Content Type	Content Name	Times Viewed	Times Participated	Start Date	First Viewed	Last Viewed
123	Student Name	Name, Student	51518	123	Section 1	456	English 101	assignment	assignment 1	7	6	2013-02-26T11:50:36-07:00	2013-02-26T11:50:36-07:00	2013-02-26T11:50:36-07:00

Close



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# (4) Reports Tab Filters

Class Roster Report



Introduction to Canvas Workshop - DO

Filter by

Section Name	▼
Introduction to Canvas Workshop - DO	▼



+ Filter

16 Results

Close

Run Report



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# (5) Online Attendance Overview (not quite ready yet...)

Student	Section	Days Not Met	SUN	MON	TUE
Bruce Jones bruce.jones.canvas@gmail.com	History 101, History 101 T-Th	0	6	7	7
Emily Boone emily.boone.canvas@gmail.com	History 101, History 101 MWF	3	7	7	7
Jane Smith jane.smith.canvas@gmail.com	History 101 MWF	2	X	X	7
Max Johnson max.johnson.canvas@gmail.com	History 101 T-Th	4	X	X	7

Image Source: [community.canvaslms.com](https://community.canvaslms.com)

Settings

Online Attendance Settings

Enable Online Attendance Dashboard

### Online Attendance Criteria

If a student meets ANY of the criteria selected below, for a given day, that student will be marked as "attended" for the day

- Course Access (default)**  
Student views a page in course
- Posts**  
Student posts a new comment to an announcement or a discussion
- Assignments**  
Student submits an assignment
- Conferences**  
Student joins a Big Blue Button conference
- Pages**  
Student creates a page
- Quizzes**  
Student starts taking a Classic Quiz or submits a Classic Quiz



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