How do I view analytics for a student in a course?

Student analytics show you how well a particular student is doing in your course. You can also view student analytics after your course has concluded.

Your institution may allow students to view their own course analytics, which helps show them accurate information about their course activity and interactions. If this permission is enabled, your view and the student's view of their analytics is the same.

Notes:

- The Analytics features displayed in this lesson will be removed in a future release and will be replaced by New Analytics. View more information on using New Analytics.
- Viewing analytics is a course permission. If you cannot view analytics, your institution has restricted this feature.
- Analytics can also be accessed through the People page and viewing a student's user details page.

Open Course

Open Course
In Global Navigation, click the **Courses** link [1], then click the name of the course [2].

Open Course Analytics

Open Course Analytics
Click the **View Course Analytics** button.

Open Student Analytics

Open Student Analytics
In the Student Analytics table, click the name of the student.

To locate a student, you can sort the table by student name, page views, participates, and current score. The analytics table is paginated so you can view more students if you continue to scroll on the page.

View Student Information

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When viewing analytics for an individual student, you can view the student's name and current percentage in the course [1]. To send a message directly to the student, click the **mail** icon [2].

To view analytics for a different student, click the next or previous buttons in the user menu [3], or locate the student in the drop-down menu [4].

View Analytics Graphs

View Analytics Graphs

By default, analytics are shown in a graph format. These are four types of graphs: Activity by Date, Communication, Submissions, and Grades.

View Activity by Date

View Activity by Date

The Activity by Date graph shows all course activity for the student. The x-axis represents the course dates, while the y-axis represents the number of page views. Dark blue bars represent participation in the course. If a date only includes page views, the bar only displays as light blue.

The graph changes the bar display according to the length of time. Activity that is less than six months old displays bars as daily activity, at six months bars are displayed as weekly activity, and at approximately a year bars are displayed as monthly activity. To view the details of the bar graph, hover over the specific bar you want to view. The weekly view shows the first and last date for the week; the monthly view shows the month and the year. Browser window size, zoom level, and screen resolution may also change how the bars display.

The following user actions will generate analytics course participation:

- loads a collaboration to view/edit the document
- joins a web conference
- posts a new comment to a discussion or an announcement
- submits a quiz
- starts taking a quiz
- submits an assignment
- creates a wiki page

You can also view specific content participation data in the course access report.

View Communication

View Communication

The Communication graph shows the conversations that have taken place between the student and instructor(s) in the Canvas Inbox. The y-axis represents the user type; orange message icons show when a student sent a message to an instructor, and blue message icons show when an instructor sent a message to the student. The x-axis represents the interaction date.

To view the details of the bar graph, hover over the specific bar you want to view. You can view the date of the communication and how many messages were sent. A message is an individual message passed from one user to the other; in message threads, each message is individually counted. In group conversations, interactions are counted as long as the student is one of the recipients. Notifications are not included in analytics unless the user acts on the notification and generates a new message that passes through the Canvas Inbox. Announcements are not included in communication analytics.

You can also view specific communication data in the student interactions report.

View Submissions

View Submissions

The Submissions graph shows the status of each submission for the student. The y-axis represents each assignment, while the x-axis represents the submission date. A green circle indicates an assignment that was submitted on time. A yellow triangle indicates an assignment that was submitted late. A red square indicates an assignment that is missing (not submitted). A white circle with a black outline indicates an assignment with a future due date.

If a submission includes a due date, the submission may include horizontal line. The line indicates when the assignment was submitted, while the shape indicates the actual due date. If a submission was submitted before the due date, the horizontal line is green; if it was submitted after the due date, the horizontal line is yellow. Submissions without a horizontal line either have no due date, or the assignment was submitted on the due date.

To view the details of the bar graph, hover over the specific bar you want to view. Current and past assignments include the assignment title, the due date (if any), the submission date, and the score. Future assignments include the assignment title, due date (if any), and the score.

Note: The Submissions chart does not include information about assignments that do not require a submission (e.g., not graded, on paper assignments), excused assignments, or assignments that do not apply to a student because of differentiated assignments.

View Grades

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The Grades graph shows the median, high, and low scores for each assignment. The x-axis represents each assignment, while the y-axis represents the number of points for an assignment. The vertical black line extends from the highest score to the lowest score [1]. The gray box extends from the 75th percentile to 25th percentile [2]. The horizontal black line shows the median score for the assignment [3].

The student's score is indicated by the same shapes found in the Submissions graph. A green circle indicates an assignment with a good score. A good score is equal to or greater than the median score. A yellow triangle indicates an assignment with a fair score. A fair score is below the median but still within the 75th to 25th percentile range. A red square indicates an assignment with a poor score. A poor score is below the 25th percentile.

To view assignment names and details, hover your cursor over the graph [4].

View Analytics Tables

View Analytics Tables

To view analytics without hovering over graph columns, you can view all data in a table format. To switch to the table format, click the Analytics icon. The icon will switch from the left side to the right, indicating the current analytics view.

View Table Data

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Tables apply to every graph in its respective page, and each column defines the data within its respective graph. Graphical data is displayed by column.

View Table Pagination

Each table is paginated to 30 entries per page; additional pages can be viewed by advancing to the next page.

[Content retrieved from https://community.canvaslms.com/t5/Instructor-Guide/How-do-I-view-analytics-for-a-student-in-a-course/ta-p/969]

Revision #1
Created 2025-05-13 20:22:21 UTC by Brandy Brickey
Updated 2025-05-13 20:28:25 UTC by Brandy Brickey