

Using Data to Understand Learner Engagement

Can we measure Engagement?



COURSE ACCESS

TIME IN CONTENT

SOCIAL PARTICIPATION







ASSIGNMENT SUBMISSIONS

Class Progress

9 Performance Metrics

- Grades Performance
- Assignments Performance
- Discussions Participation
- Content Completion
- System Access (30 Days)
- Survey Completion
- Quiz Performance
- Objectives Completion
- Checklist Completion

Filter to: All Users ▾ Use agents to automate feedback

Name ▲	Content Completed	Discussions	Assignment Submissions	
 Briggs, CJ cbriggs 45745665	<div style="width: 85%;"><div style="background-color: #0070C0; height: 10px;"></div></div> 85 % Completed: 23 / 27	10 read 2 threads 2 replies	<div style="width: 54%;"><div style="background-color: #C00000; height: 10px;"></div></div> 54 %	Item: First Review Score: 58.33 % <div style="width: 77.78%;"><div style="background-color: #0070C0; height: 10px;"></div></div> 77.78 %
 Chen, Amy achen 59698639	<div style="width: 52%;"><div style="background-color: #0070C0; height: 10px;"></div></div> 52 % Completed: 14 / 27	8 read 2 threads 3 replies	<div style="width: 40%;"><div style="background-color: #C00000; height: 10px;"></div></div> 40 %	<div style="width: 57.78%;"><div style="background-color: #0070C0; height: 10px;"></div></div> 57.78 %
 Johnson, Marcus mjohnson 52321852	<div style="width: 48%;"><div style="background-color: #0070C0; height: 10px;"></div></div> 48 % Completed: 13 / 27	4 read 2 threads 1 replies	<div style="width: 75%;"><div style="background-color: #0070C0; height: 10px;"></div></div> 75 %	<div style="width: 65.5%;"><div style="background-color: #0070C0; height: 10px;"></div></div> 65.5 %
 Kline, Michael mkline 46282325	<div style="width: 52%;"><div style="background-color: #0070C0; height: 10px;"></div></div> 52 % Completed: 14 / 27	3 read 2 threads 2 replies	<div style="width: 35%;"><div style="background-color: #C00000; height: 10px;"></div></div> 35 %	<div style="width: 37.5%;"><div style="background-color: #0070C0; height: 10px;"></div></div> 37.5 %
 Lee, Jacob jlee 22153589	<div style="width: 37%;"><div style="background-color: #0070C0; height: 10px;"></div></div> 37 % Completed: 10 / 27	0 read 1 threads 0 replies	No scores received	<div style="width: 100%;"><div style="background-color: #0070C0; height: 10px;"></div></div> 100 %
 Robbins, Andi arobbins 56586714	<div style="width: 42%;"><div style="background-color: #0070C0; height: 10px;"></div></div> 42 % Completed: 11 / 26	3 read 1 threads 2 replies	<div style="width: 55%;"><div style="background-color: #C00000; height: 10px;"></div></div> 55 %	<div style="width: 61.67%;"><div style="background-color: #0070C0; height: 10px;"></div></div> 61.67 %

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The screenshot shows a user profile for Briggs, CJ (cbriggs, 45745665) with a navigation menu on the left. The main area displays 'Content Progress' for 'English 1101 Fall 2021' with an overall completion of 77.78%. A 'Table of Contents' section shows 'Unit 1: Poetry' at 90% completion (9/10 items). Two items are listed: 'Poetry Terms' (40 visits, 0d 0h 12m 58s, downloaded, last visited 25 October 2022 4:15 PM) and 'Anatomy of a Poem' (29 visits, 0d 0h 14m 24s, downloaded, last visited 09 May 2022 3:58 PM). A progress bar at the top right indicates 85% completion for 23 of 27 topics.

Topics Visited	Total Visits	Time Spent	Progress
25 / 27	330	0d 4h 5m 4s	85 % Completed: 23 / 27


Unit	Progress	Last Visited
Unit 1: Poetry	90 % Completed: 9 / 10	25 October 2022 4:15 PM

Item	Visits	Time Spent	Status	Last Visited
Poetry Terms	40	0d 0h 12m 58s	Downloaded	25 October 2022 4:15 PM
Anatomy of a Poem	29	0d 0h 14m 24s	Downloaded	09 May 2022 3:58 PM

Class Progress

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 **Briggs, CJ**
cbriggs
45745665

< >

English 1101
Fall 2021

77.78 %

Summary


Grades

Objectives

Content

Discussions

Assignments

Quizzes 

Checklist

Surveys

Course Access

System Access History

Course Access Progress

Days Visited (Last 30 Days) Last Accessed

2 25/10/2022

Days Visited: 2

Last 30 Days

25 October 2022	Absent period: 5
03 October 2022	Absent period: 21

Class Progress

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The screenshot displays the 'Course Access Progress' page for user CJ Briggs. At the top left, there is a user profile card for 'Briggs, CJ' with ID 'cbriggs' and '45745665'. Below this is a larger profile card for 'CJ Briggs' (ID: 45745665, Learner) with a 'Send Email' and 'Send Instant Message' button. A 'User Progress' link is also visible. On the right, a progress bar shows 'Days Visited: 2'. Below the progress bar, a table lists 'Absent period' values: 5 and 21. A sidebar on the left contains a menu with items: Objectives, Content, Discussions, Assignments, Quizzes (with a lock icon), Checklist, Surveys, Course Access (highlighted), and System Access History. The main content area shows a date '03 October 2022'.

Content Reports

Content > Reports

Reports

Statistics SCORM Reports

Export Statistics Reset Statistics

Content Users

Total Number of Users: 8

Users Who Have Visited Content: 7

Average Time Spent on Content: 00:08

Expand All Collapse All

Content	Users Who Have Visited Content	Users Who Have Completed Content	Average Time Spent
▶ Module 1. Welcome!	8	8	0:01:55
▶ Module 2. Unit 1: Poetry	8	8	0:02:49
▶ Module 3. Unit 2: Non-Fiction	8	8	0:02:46
▶ Module 4. Unit 3: Presentations	8	8	0:00:41
▶ Module 5. Your Last Day	8	5	0:16:47
▶ Module 6. Bonus Material: Group 1	0	0	-
▶ Module 7. My first Test Unit	8	1	-
▶ Module 8. Bonus Material: Group 2	0	0	-
▶ Module 9. Week #1	0	0	-
▶ Module 10. Module	8	0	-

Content Reports

Content	Available To	Users Visited	Average Time Spent
▼ Module 1. Welcome!	8	7	0:01:55
i. 📄 Poetry Elements to Consider	8	5	0:03:59
ii. 🎥 Virtual Classroom: Welcome Session	8	3	0:02:12
iii. ⚡ Syllabus Confirmation	8	7	0:00:27
iv. ⚡ Grade Alert	8	1	0:01:08
v. ⚡ Untitled 🗄	0	0	-
vi. ⚡ test 🗄	0	0	-
vii. ⚡ Untitled 🗄	0	0	-

Content Reports

Reports

Module Name

Welcome!

Total Number of Users

8

Users who have visited this module

7

Users for whom the module is available

8

Average time spent on this module

0:04:24



[Show Search Options](#)



<input type="checkbox"/>	Last Name ▲, First Name	Available	Last Visited	Number of Visits	Total Time Spent	Average Time Spent
<input type="checkbox"/>	Briggs, CJ	Yes	29 March 2022	63	0:19:21	0:00:18
<input type="checkbox"/>	Chen, Amy	Yes	25 June 2018	2	0:03:27	0:01:43
<input type="checkbox"/>	Johnson, Marcus	Yes	25 June 2018	2	0:01:06	0:00:33
<input type="checkbox"/>	Kline, Michael	Yes	25 June 2018	2	0:01:58	0:00:59


Performance +

Insights


Course Homepage Widget

English

Activity Feed ▾


 Create a post...

Latest Posts

 D2L Support • Message • Sep 23, 2021 4:47 PM ⋮

Hi Class, this is an opportunity to share your thoughts. Please comment below!

Course Overview ▾



Day	Activity Level
Su	Low
Mo	Low
Tu	Low
We	High
Th	Low
Fr	Low
Today	Medium

2 people visited this course today.

No quizzes have been submitted today.

[Class Engagement](#)

[Course Access](#)

[Tool Access](#)

Class Engagement Tool

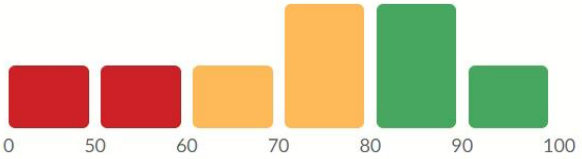
D2L BRIGHTSPACE English

Content Assignments Discussions Quizzes Classlist Grades Class Progress Urkund Portfolio More ▾

Class Engagement

8 students have not visited this course in the past 7 days.

Grade Distribution



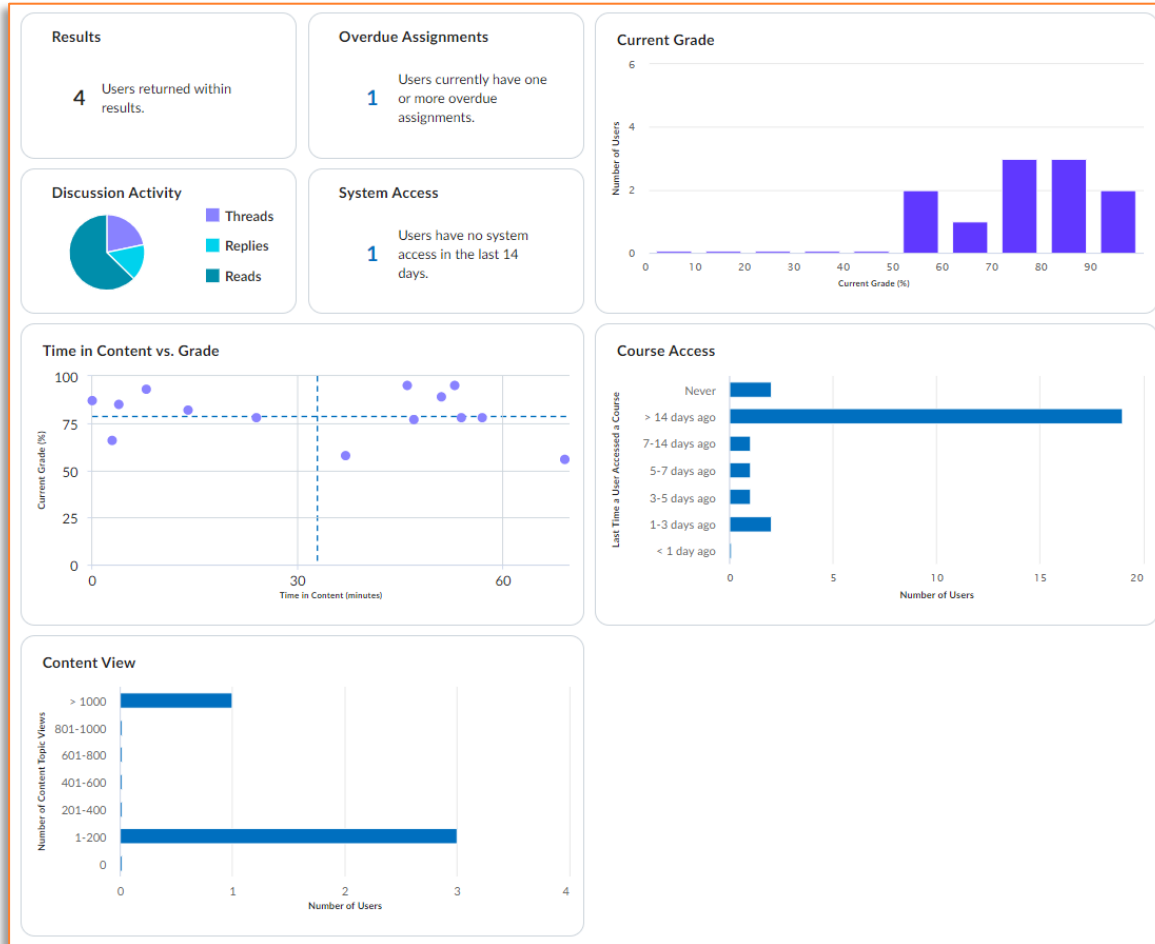
Grade Range	Count
0-50	2
50-60	2
60-70	3
70-80	5
80-90	5
90-100	3

Email Class

Search Students...

<input type="checkbox"/>	Name▲	Current grade	Predicted final grade	Last visited	Discussions
<input type="checkbox"/>	Barker, Chris cbarker	79%	12%	6 days ago October 26	2 Threads 2 Replies
<input type="checkbox"/>	Briggs, Carter cbriggs	No grade	Insufficient data	34 minutes ago November 1	0 Threads 0 Replies
<input type="checkbox"/>	Carpenter, Jacob jcarpenter	83%	12%	13 days ago October 19	2 Threads 2 Replies

Insights Dashboards - Engagement




Results

Email

<input type="checkbox"/>	Name	Courses	Average Grade	Average Time in Content (mins)	Average Discussion Activity	Last Accessed System
<input type="checkbox"/>	Barker, Chris cbarker - 389	6	89.25 %	72.61	1 Threads, 3 Reads, 1 Replies	Oct 26, 2022 3:29 PM
<input type="checkbox"/>	Chen, Amy achen - 212	12	81.5 %	14.34	0 Threads, 1 Reads, 0 Replies	Nov 1, 2022 1:59 AM
<input type="checkbox"/>	Doyle, Marjorie mdoyle - 393	5	74.5 %	34.28	1 Threads, 3 Reads, 1 Replies	Oct 30, 2022 11:36 PM
<input type="checkbox"/>	Gardner, Stanley sgardner - 394	3	68 %	20.73	1 Threads, 3 Reads, 1 Replies	Jun 23, 2021 2:55 PM

Insights Dashboards - Engagement



Marjorie Doyle
mdoyle - 393

[Email](#)

Org Unit: All Semester

[Export to CSV](#) ...

Summary View

Courses in View

5 courses returned within results.

Average Grade

74.5 % grade averaged from the courses in view.

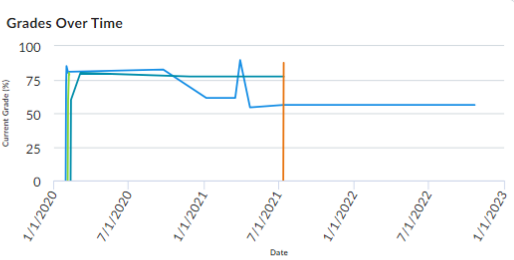
Overdue Assignments

0 assignments are currently overdue.

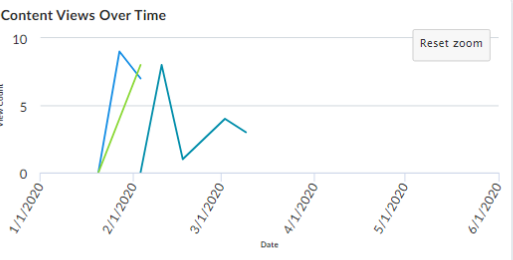
System Access

2 days since the learner last accessed the system.

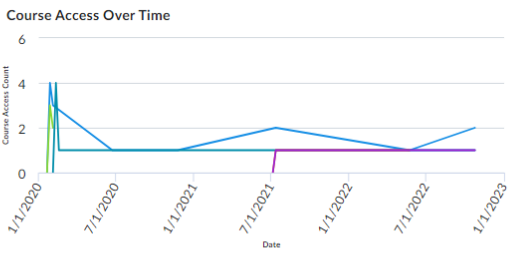
Grades Over Time



Content Views Over Time



Course Access Over Time



● English (Id: 6875)
 ● Business 101 (Id: 6876)
 ● English 201 (Id: 6882)
 ● Foundations of Writing (Id: 6914)
 ● Leadership (Id: 6915)

Active Courses

Course Name	Current Grade	Predicted Grade	Time in Content (mins)	Discussion Activity	Course Last Access
Business 101 (Id: 6876)	78 %	80.88 %	54.18	2 Threads · 2 Reads · 0 Replies	Feb 6, 2020 8:21 PM
English (Id: 6875)	56 %	14.43 %	69.55	1 Threads · 6 Reads · 2 Replies	Oct 31, 2022 3:41 AM
English 201 (Id: 6882)	77 %	65.75 %	47.03	1 Threads · 5 Reads · 2 Replies	Oct 29, 2022 7:08 AM
Foundations of Writing (Id: 6914)	87 %	No predicted grade	0	0 Threads · 0 Reads · 0 Replies	May 23, 2022 8:08 PM
Leadership (Id: 6915)	No grade	No predicted grade	0.65	0 Threads · 0 Reads · 0 Replies	Oct 25, 2022 3:57 PM

< 1 / 1 > 20 per page

Inactive Courses

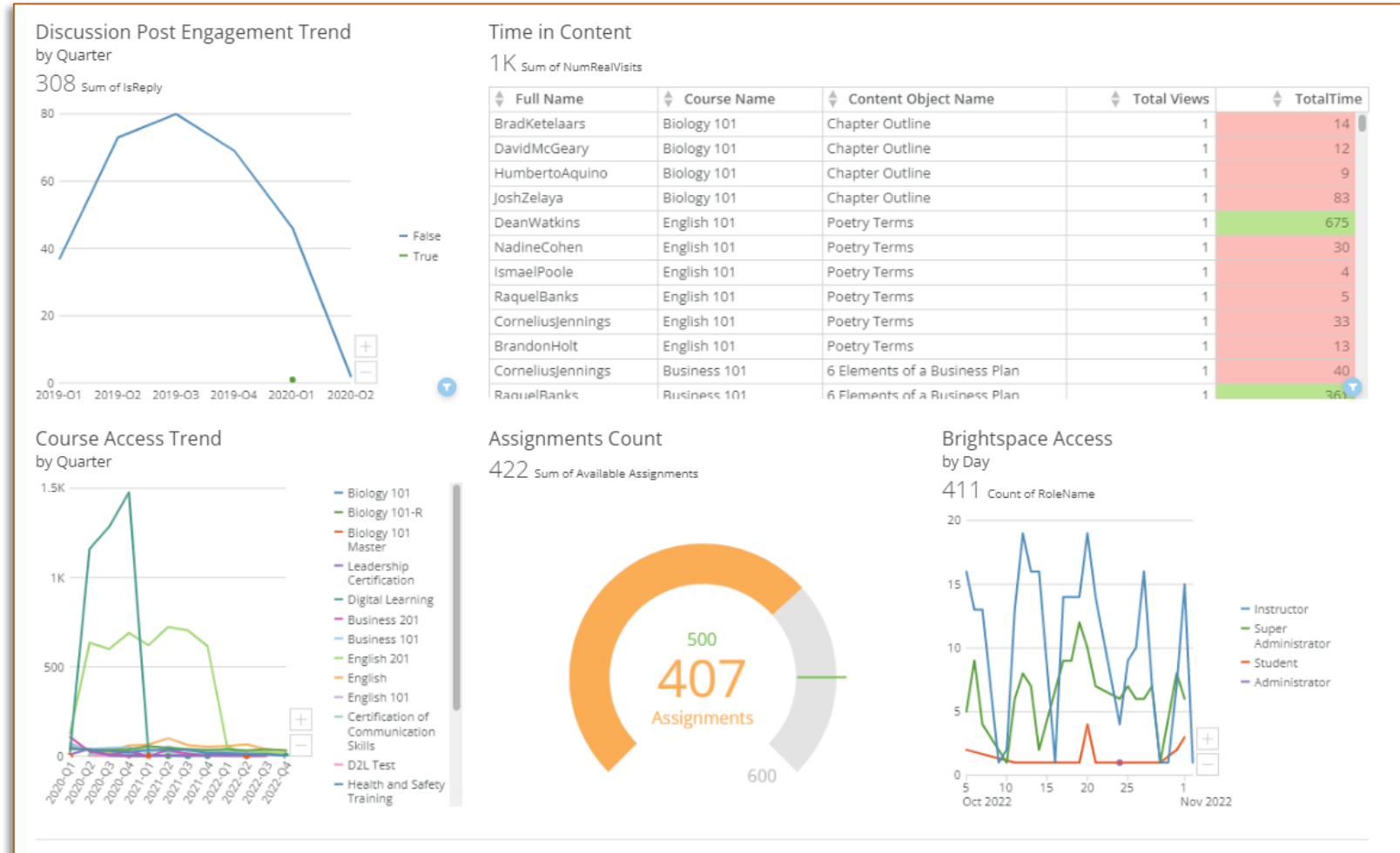
No inactive course data in filtered ranges.

D2L

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Insights – Interactive Report Builder

- Activity Feed
- Assignment Submission
- Attendance
- Content Progress
- Discussion Posts
- Grade Results
- Intelligent Agent Runs
- Quiz Attempts
- Session History
- User Logins



Acting on Engagement Insights...

Work Smarter not Harder

Can Brightspace help me intervene?



Respond to Absence

No Course Access

No System Access

Respond to Inactivity

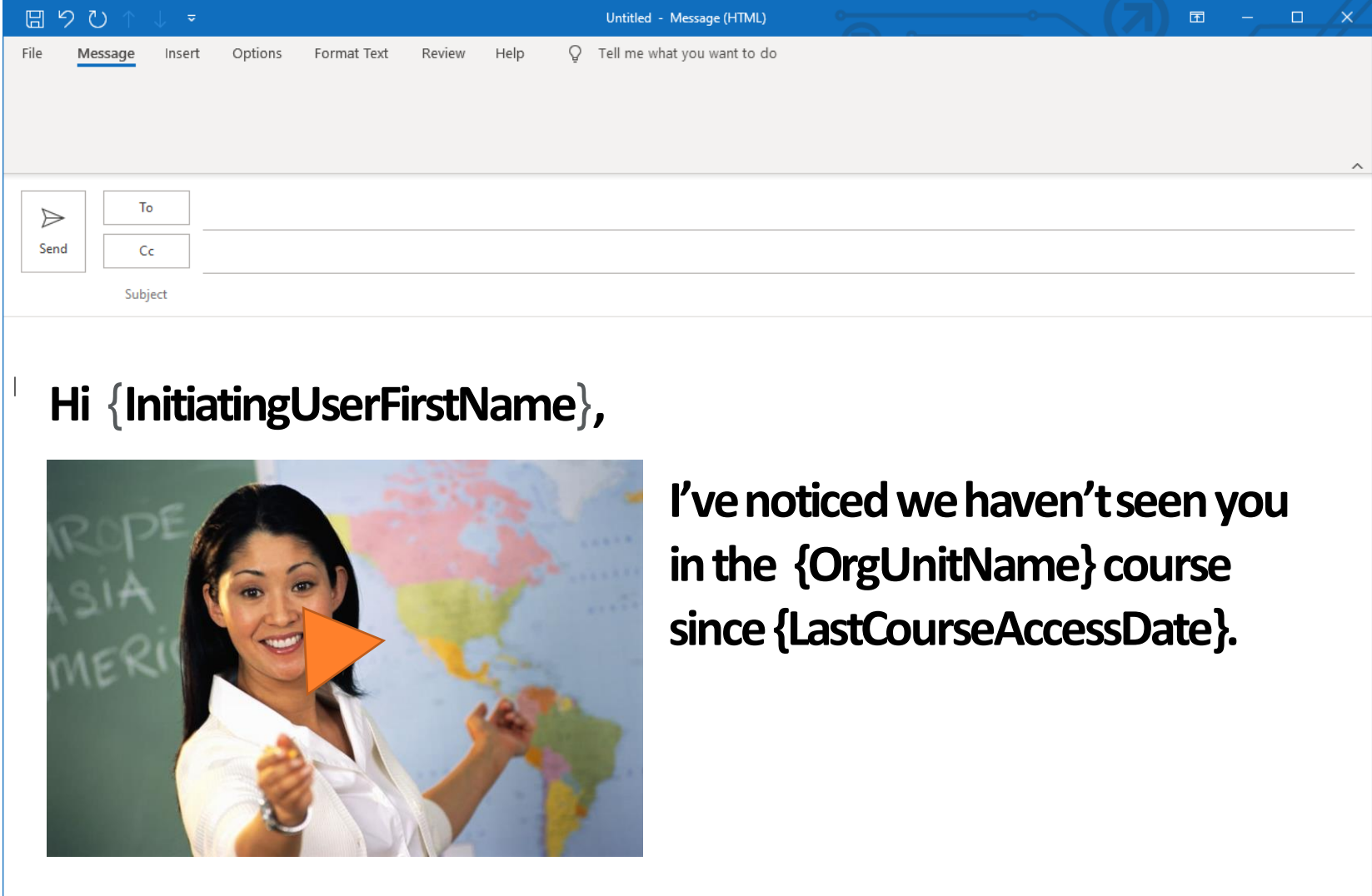
Assignments – overdue / not submitted

Content not visited

No Discussion Posts


Quiz – no attempt / low score

Automated, Personalised Communication



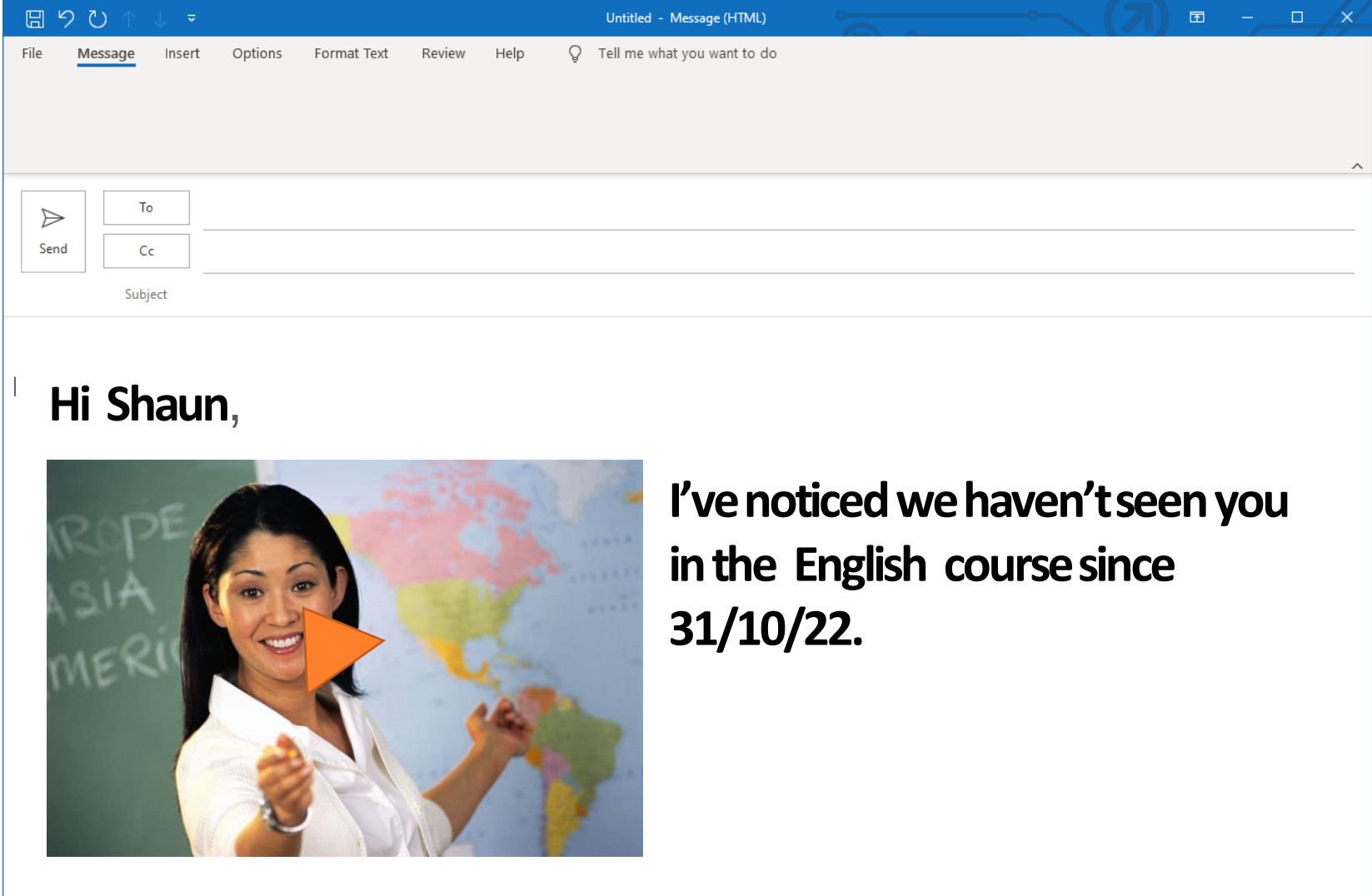
The screenshot shows an email editor window titled "Untitled - Message (HTML)". The menu bar includes "File", "Message", "Insert", "Options", "Format Text", "Review", "Help", and a search icon with the text "Tell me what you want to do". Below the menu bar, there are fields for "To", "Cc", and "Subject". A "Send" button is located to the left of the "To" field. The main content area of the email contains the following text:

Hi {InitiatingUserFirstName},




I've noticed we haven't seen you in the {OrgUnitName} course since {LastCourseAccessDate}.

Automated, Personalised Communication



The screenshot shows an email client window titled "Untitled - Message (HTML)". The menu bar includes "File", "Message", "Insert", "Options", "Format Text", "Review", "Help", and a search icon with the text "Tell me what you want to do". Below the menu bar, there are fields for "To", "Cc", and "Subject". A "Send" button is visible on the left. The main content area displays a personalized message:

Hi Shaun,



The image shows a woman in a white shirt pointing towards a world map. A large orange play button is overlaid on the image, indicating it is a video. The map highlights North America in pink and South America in yellow. The woman is smiling and appears to be in a classroom setting, with a chalkboard in the background showing the words "EUROPE", "ASIA", and "AMERICA".

I've noticed we haven't seen you in the English course since 31/10/22.

Intelligent Agent Library

<input type="checkbox"/>	Agent	Results of Last Run	Last Run Date	Next Run Date
<input type="checkbox"/>	Excellent Result on a Quiz ▼ Sent when a user scores >= 90%		-	-
<input type="checkbox"/>	Feedback on Assignment Posted ▼		-	-
<input type="checkbox"/>	Low Score on a Quiz ▼ The template to use to define the agent to run when a score < a benchmark is found after the quiz is attempted.		-	-
<input type="checkbox"/>	Not Logged Into Course within 5 Days of Enrolment ▼ This agent will run and identify users who have been enrolled to the course for >5 days from the date of their enrolment.	4 users identified	24 September 2020 6:33 PM	-
<input type="checkbox"/>	Overperformers - Additional course enrollment ▼ Those who score above 70% in Poetry Basics will be enrolled in a further course to build on their performance.		-	-
<input type="checkbox"/>	You Haven't logged into the course for a week ▼ This agent will run and identify users who have been enrolled to the course for >7 days from the date of their enrolment.		-	-

Edit Categories

Add Category



<input type="checkbox"/>	Name	Sort Order ▲	In Use?
<input type="checkbox"/>	Administration	1	✓
<input type="checkbox"/>	Reminders	2	✓
<input type="checkbox"/>	Encourage	3	✓
<input type="checkbox"/>	Nudge	4	✓
<input type="checkbox"/>	Congratulate	5	✓

Close