Integration Canvas/LAT Integration Setup Guide



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Data Integration Solutions

Enterprise Data Hub Launches

The Enterprise Data Hub establishes a central portal through which institutions can manage data between Taskstream by Watermark and other enterprise data resource systems within or outside of the campus infrastructure. The Enterprise Data Hub has been built to scale and utilizes non-relational database technology to process vast amounts of data.

Direct Access to Taskstream from within Canvas

The Enterprise Data Hub creates a direct data link from Taskstream by Watermark to Canvas data. Taskstream by Watermark which previously required students to log into both Canvas and Taskstream by Watermark can now be completed from within Canvas alone, greatly simplifying and streamlining the student workflow and user experience.

Students are able to navigate into a single course section in Canvas and interact with their assessment requirements in the LMS assignment area.

This seamless integration establishes a critical connection between student work submitted at the course level in the LMS and the learning outcomes assessed at the course, program and institution levels in Taskstream by Watermark.

Grade Transfer from Taskstream to Canvas LMS Gradebook

Artifacts submitted to Taskstream by Watermark assessment requirement within the Canvas assignment area are available in Taskstream by Watermark for scoring by the Evaluator. Once the Evaluator submits a final score for the artifact it automatically passes back to the LMS and populates the gradebook. This eliminates the need to score assignments in two systems, simplifying the Evaluator workflow.

This document explains step by step how you can set up your LMS to utilize the Taskstream by Watermark Integration Solutions.

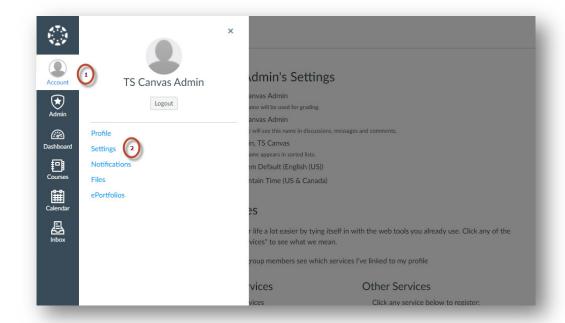


Part 1: Step-by-step Setup Guide for the Canvas Administrator/Taskstream Administrator

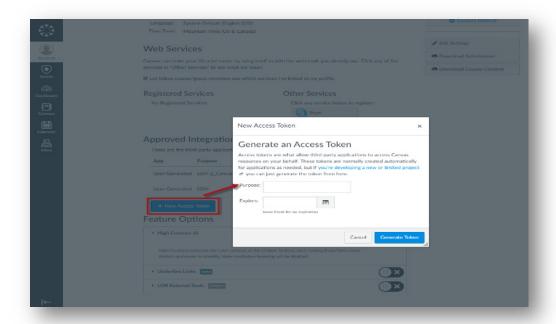
Configure Canvas and Taskstream admin area – Required for Student Experience and Grade Transfer

Steps:

- Log into Canvas with a System administrator account
- 2. On the right hand bar, click on the "Account" icon
- 3. Then click on the "Settings" link.

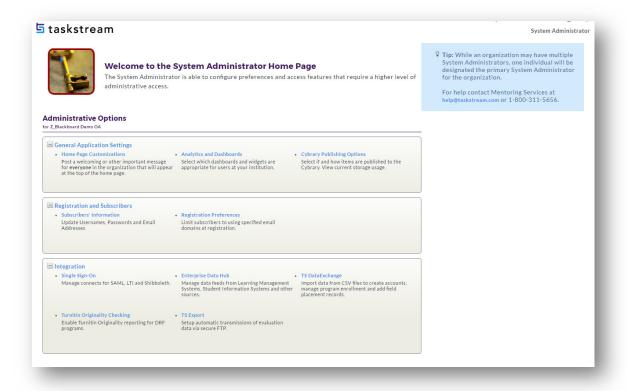


- 4. Under the "Approved Integrations" section, click on the **New Access Token** button.
- This will launch a pop-up and enter a Purpose (ex: Taskstream Integration). Leave the Expires field blank and click Generate Token.
- 6. It returns a token string. Copy this value down as it will be used for configuring on the Taskstream end.

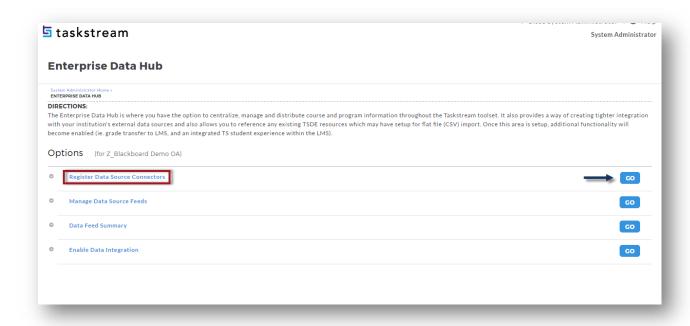




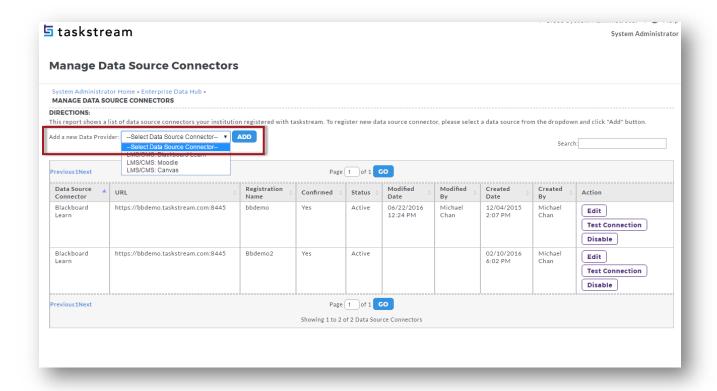
- Logon to Taskstream LAT (Learning Achievement Tools).
- Click on System Admin from top navigation menu. Login with your credentials. If you do not have access, please contact your Taskstream contact.
- 3. From the System Administrator Home Page, click Enterprise Data Hub.



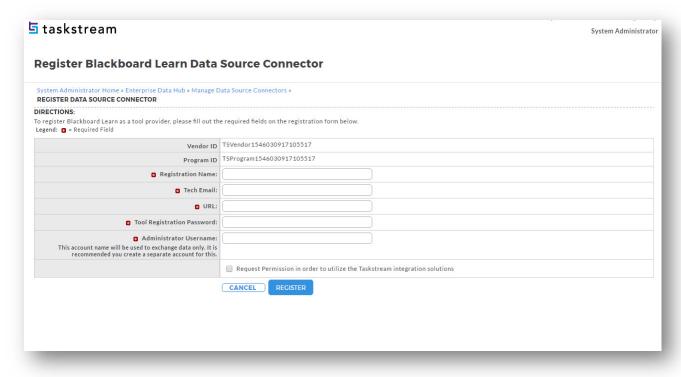
 Click on the Go button associated with Register Data Source Connectors.



 Select the Canvas data source from the dropdown and click Add button.

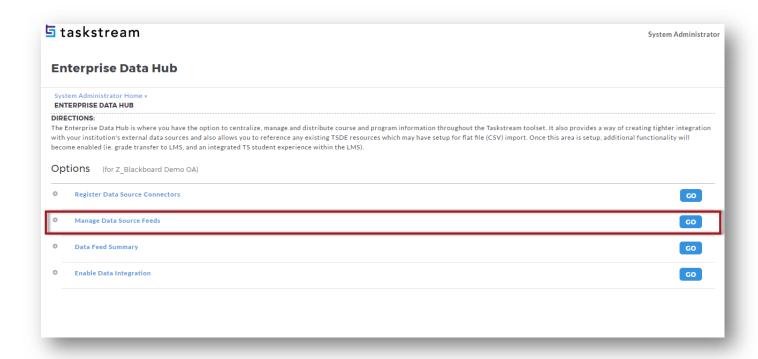


- Fill out all information on the screen as all of the fields are required.
 - Registration Name –
 Give it a unique name
 (10 character limit).
 - Tech Email Add a technical contact in case registered data source runs into issues.
 - URL Your Canvas URL
 - Token Token value generated from the first step earlier in the Canvas Setting page.
 - Click on the Register button to verify if the URL and token are accepted. If accepted, the system will route you back to the Manage Data Source Connectors page.





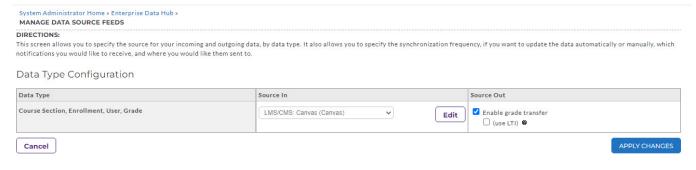
 Click on the Go button associated with Manage Data Source Feeds.



- The Manage Data Source feature allows you to specify the course for your incoming data (and ultimately outgoing data) by data type
 - o For the Course Section, **Enrollment, User** and Grade data type, select your registered data source under the **Source In** column, and then check **Enable grade transfer** under the Source Out column if you would like ability for Taskstream evaluators to send the scores back to

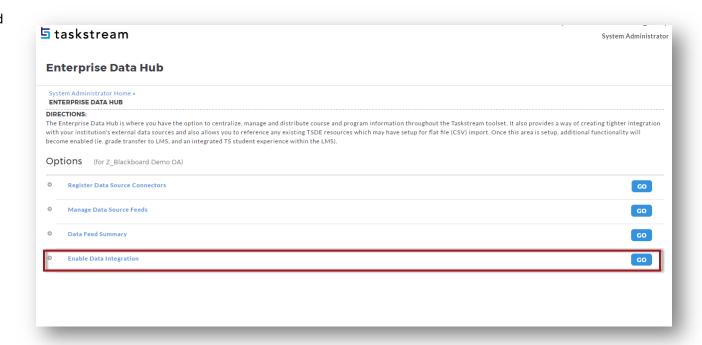
Canvas.

Manage Data Source Feeds



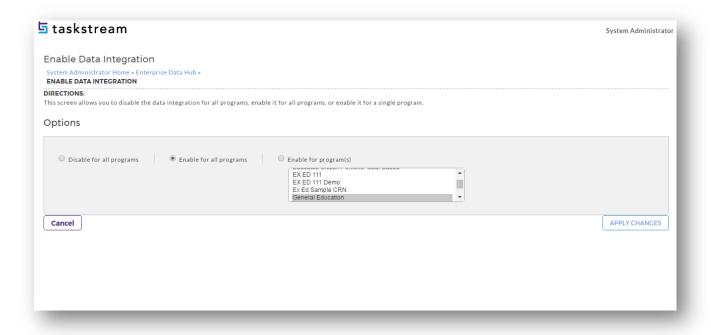
* Don't check the flag 'use LTI'.

 Click Apply Changes and it will take you to the previous page where you will need to go to Enable Data Integration section. Click on the GO button associated with Enable Data Integration



Enable Data Integration

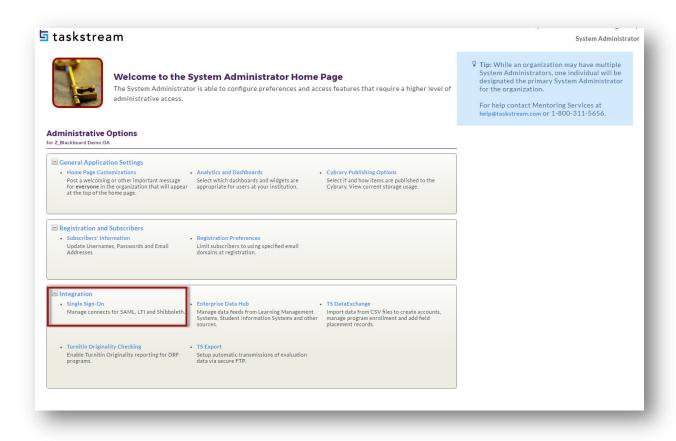
- You must either enable the integration for all the DRF Programs or enable it for select DRF program(s)
- Once you have enable integration on this page, it will enable the LMS Mapping button to appear on the DRF Template tab under DRF Program Management. That will eventually allow your assessment coordinator to map your Canvas data against the Taskstream Data template structure



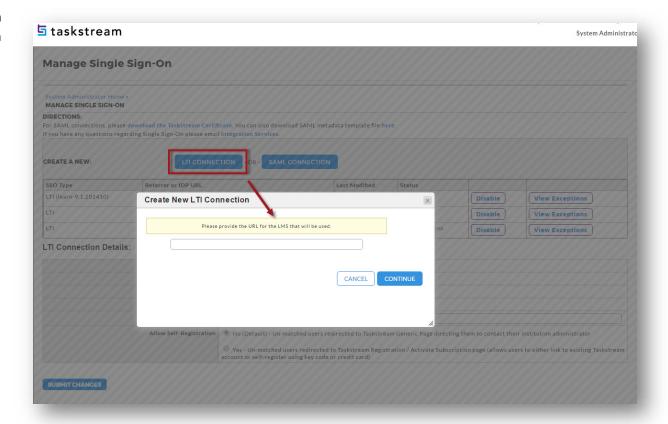
• Once you click "Apply Changes" here, please send an email to integration@taskstream.com so that we may review everything and ensure that the data pull process is working seamlessly.



Go back to the System
 Administration Home Page. Click
 Single Sign-On.



- Click on LTI Connection button to create a new LTI connection by providing the Canvas URL that will be used, then click Continue.
- The system will produce an Launch URL, Assignment
 Direct Access URL, Shared key and Shared Secret which will be needed later to configure on the Canvas side.

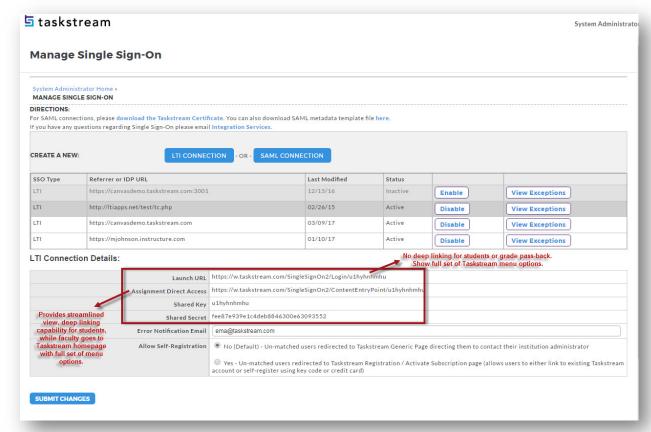




Note: In this document, we will focus on the Assignment Direct Access URL. This URL will provide your students with a streamlined content view within Canvas that deep link the student to their Taskstream submission area. Faculty can also use this URL to SSO into the Taskstream homepage with the full range of menu options.

If your institution wants a basic SSO implementation where both faculty and students see the full Taskstream website of menu options, then the **Launch URL** should be used. However, there is currently no deeplinking and grade pass-back ability using this URL.

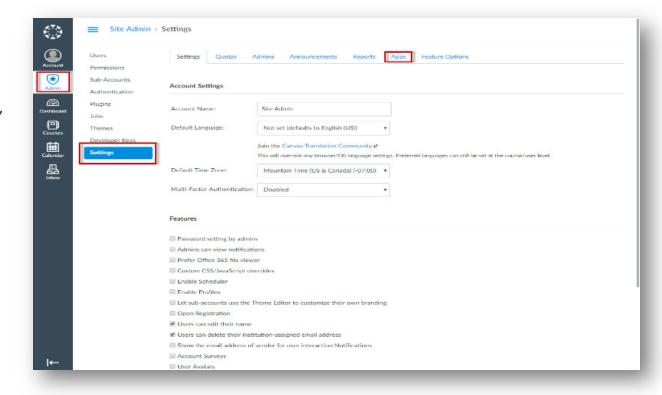
- Enter an Error Notification Email if you wish to receive an email notification if there are SSO issues.
- Allow Self-Registration If your institution has new students selfregister/pay for a Taskstream account, then select Yes. Else, select No.
- Keep this page open and open a separate browser session to go to Canvas.





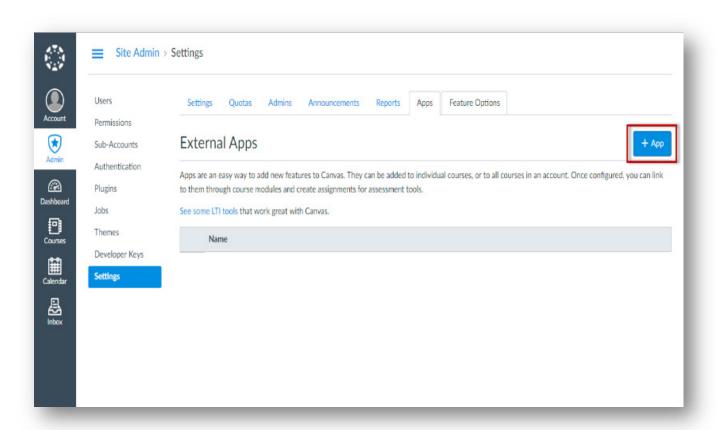
Back in Canvas, as the system admin, you will need to add a new **External App** at either the site-level or in your course shell. The external app will store the Taskstream LTI values. This link will take the student directly into their Taskstream assignment(s), while faculty will go directly into the Taskstream homepage.

- Click on Setting from your left-hand menu.
- Click on the **Apps** tab.



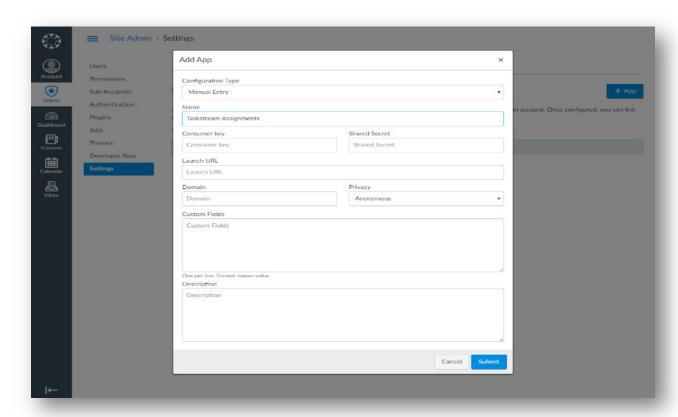


• Click the **+ App** button.



In the Add App pop-up,

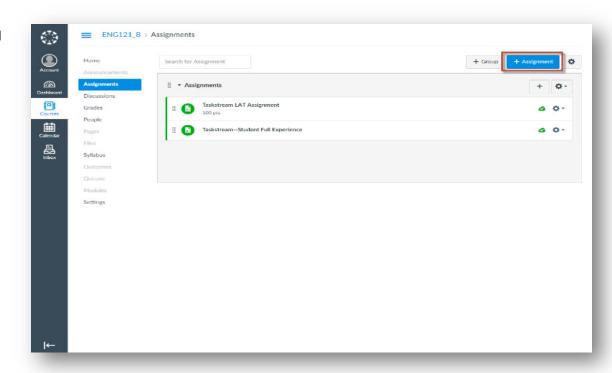
- Configuration Type Leave as Manual Entry.
- Name Enter a name (e.g.: Taskstream Assignments) for the external app.
- Consumer Key Enter the Taskstream Shared Key from a couple of steps earlier.
- Shared Secret Enter the Taskstream Shared Secret from a couple of steps earlier.
- URL Enter the Taskstream
 Assignment Direct Access URL from a couple of steps earlier.
- **Domain** Enter **w.taskstream.com**
- Privacy Set as Public.
- Custom Fields and Description Leave as blank.
- Click **Submit** to save the record.





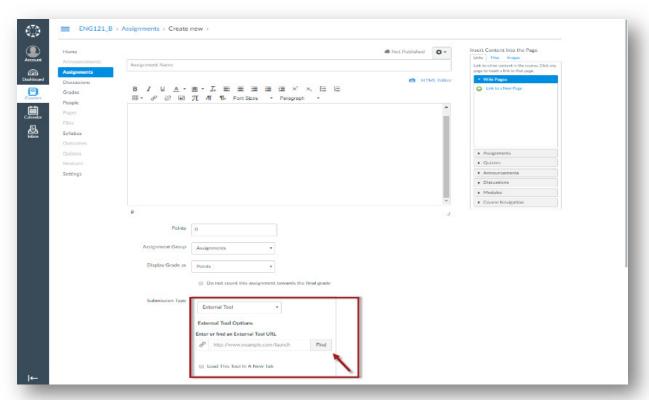
To <u>expose the SSO link</u> for students and faculty members, the External Tool above needs to be added to the **Assignments** section of the respective course.

- Click the **Courses** link on the leftmost navigation bar.
- Click the Course Shell name.
- Click on the **Assignment** link for your course shell.
- Click + Assignment from the right side.
- Enter an Assignment name (e.g. Taskstream Assignments).
- Enter 100 into points field (optional).





- For the **Submission Type**, select **External Tool**.
- Choose the appropriate External Tool URL by clicking the Find.
- This opens up a pop-up window showing a list of possible External Tools. This will contain the LTI URL that attempts to SSO the Canvas user into his/her Taskstream assignment area.
- Select the external tool that was added a couple of steps previously. Choose the appropriate tool by clicking on the URL. Then choose Select.
- If you prefer Taskstream to appear within the Canvas frame, then do not check 'Load This Tool In A New Tab'.
- Moderated Grading??
- Enter a **Due** date (optional).
- Click Save & Publish to save the assignment settings and publish it to the Course Section. Students can now connect to their Taskstream assignment via this new link.



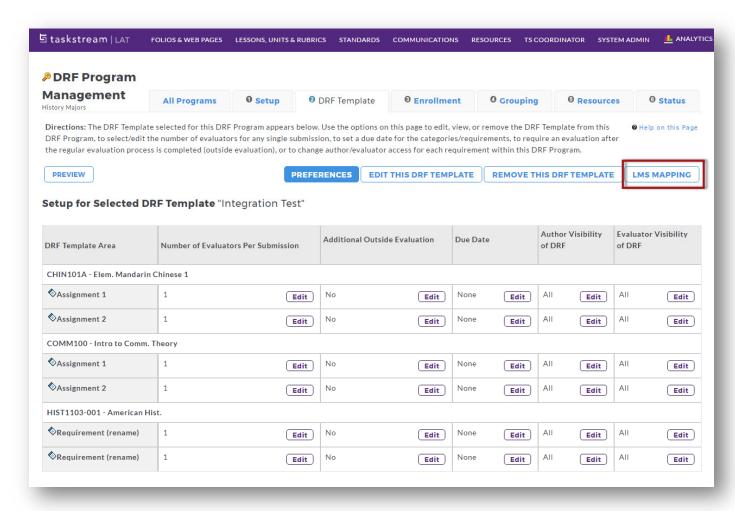


Part 2: Step-by-Step Setup Guide for the Taskstream TS Coordinator (aka Assessment Coordinator)

LMS Mapping within Taskstream DRF Program – Required for Student Experience

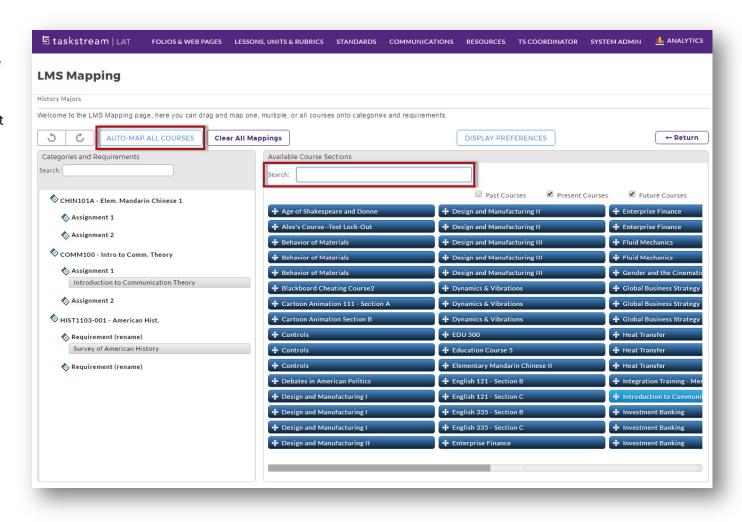
Steps

- Once the Canvas data has been transferred into Taskstream, a TS Coordinator needs to map the Canvas course sections to the DRF requirements. This must be done to allow students to access Taskstream directly through Canvas and/or to allow evaluators to send grades back to Canvas.
- To map course sections to a DRF program, the TS Coordinator must access the DRF Template tab from within Program Management, then click on the LMS Mapping button.





- On the left panel is a list of your DRF structure, while the right panel shows all the Canvas course sections that were imported into Taskstream, All course sections are initially set as dark blue, but once a course section becomes mapped, the color will become a lighter shade of blue.
- There are two approaches to mapping the Canvas course sections against a DRF Category or Requirement. First off, click Display Preferences to search by either course name of by course number.



- If the DRF Category name contains a portion of the Canvas course name or course number, such as "EDU 101", then clicking the **Auto**Map All Courses button will try to automatically map the Canvas course sections against the appropriate DRF area.
- Another approach is to use the Search bar to look for a specific course. The system will filter the course section results based on the search text. You can then manually click and drag the course section over to the left panel against the appropriate the DRF area.



- Some shortcuts include:
 - o Select more than one course section at a time by holding the CTRL key + clicking multiple course sections
 - o Drag course sections(s) onto a DRF category to apply mapping to all of the requirements in that category.

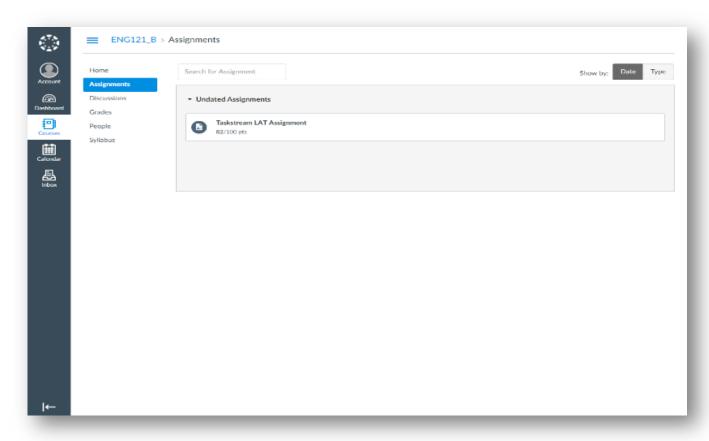


Part 3: Step-by-Step Setup Guide for the student within Canvas

Student Experience: How to submit work into Taskstream while within Canvas

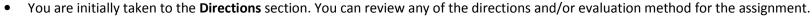
Steps

- While logged into Canvas, click on the Courses link on the left-hand panel.
- Click on the course, on the flyout panel, to which you have been asked to submit work to Taskstream.
- On the left-hand panel within your course, click on the Assignments link.

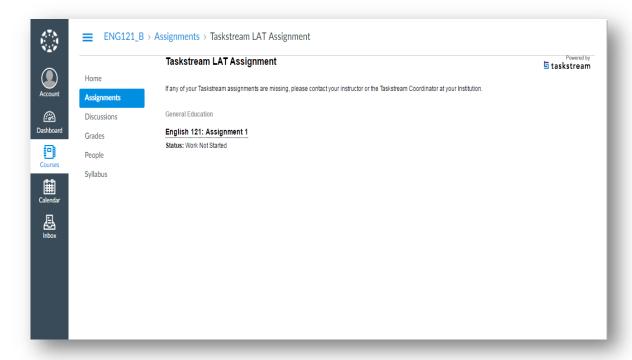




- Under the assignments link, within the righthand area, a link (e.g. Taskstream Assignments) should be available to you (the student) to connect into Taskstream. This link will allow you to connect in the Taskstream DRF requirement(s) and to submit your work.
- Upon clicking on that link within the Canvas course, you are redirected to a screen that lists all the Taskstream DRF requirement(s) associated to (with) the Canvas course.
- The screen display the following information:
 - DRF Program Name
 - DRF Category Name: DRF Requirement Name
 - Student Work Status
 - Taskstream Requirement Due Date (if one exists)
- Click on the link that bet represents what you are trying to submit work for.



- Click the **Work** link to begin submitting your work.
- Click the Attachments, Text & Image or Videos button to submit your work content for evaluation purposes.
- Follow through the subsequent screen to add your work and then click **Save and Return**.
- If you have added some content, the **Submit Work** button becomes available. Click it once you are ready to submit for formal evaluation.
- You can review the status of work submission by clicking the Results & Comments link.

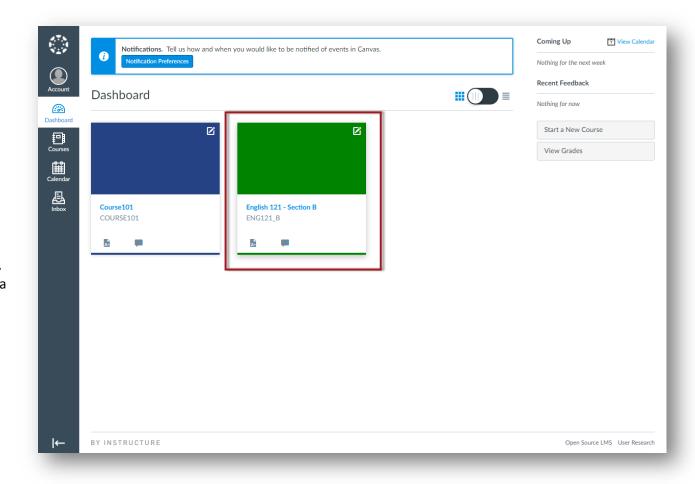


Part 4: Step-by-Step Setup Guide for the Taskstream evaluator

How to send a Taskstream score into Canvas

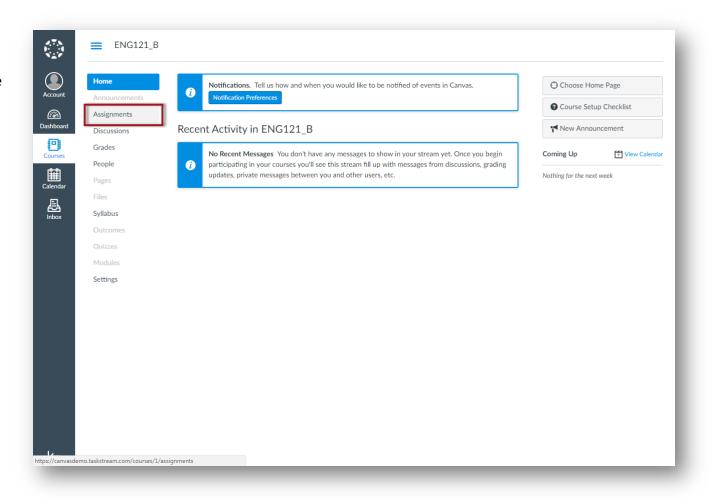
Steps

- Click on a Canvas course
- While logged into Canvas, click on the Courses link on the left-hand panel.
- Click on the course, on the fly-out panel, to which you have been asked to submit work to Taskstream.
- On the left-hand panel within your course, click on the Assignments link.
- Under the assignments link, within the right-hand area, a link (e.g. Taskstream
 Assignments) should be available to you (the instructor) to connect into Taskstream. This link will allow you to connect into Taskstream homepage where you can navigate to your Taskstream DRF program to do the local assessment.





 While logged into Taskstream as an evaluator, locate your DRF program and click on Evaluation Required to locate and start a specific student assessment.



- For the Taskstream evaluator who is about to score a student assessment, there is now an option to Transfer to Canvas Gradebook.
- Since it is likely that the Taskstream scoring method is not on a 100 point scale, you will need to determine out a 100 point scale what you think the student deserves to see in the Canvas grade book.
- Enter an integer value in the Send final score field.
- Click the Submit
 Evaluation Now and
 the score will be sent
 to Canvas.
- You can immediately go to the Canvas
 Grades section to confirm if the score has been sent over.

