



SIS Integration for Banner and Colleague

Setup and User Guide

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Introduction

EvaluationKIT by Watermark [“EK”] enables institutions to connect *directly* with Banner and Colleague via the Ellucian Ethos API, providing EK administrators with an additional option to:

1. Import course, section and student and instructor enrollments into EK course evaluation projects
2. Import student enrollments into EK general (institutional) surveys

Benefits of the Integration

Institutions using Banner or Colleague can take advantage of this integration by replacing the need to:

1. Import course, section and student and instructor enrollment information from the LMS where the LMS derives this information from the SIS.
2. Upload a course, section and enrollment CSV file into EK.

Minimum Requirements

Watermark supports Ellucian Ethos API, v16.0.0, which requires the following minimum SIS-specific API versions for activation of this connection in EK:

- Banner Ethos API, v9.17
- Colleague Ethos API, v1.25

Prerequisite setup tasks are required within the Banner and Colleague SIS systems - see *‘Banner and Colleague Setup Checklists’ at the end of this document.*

Integration Scope and Supported Ethos Data Models

This integration supports “read” (API “GET”) transactions directly from Banner and Colleague into EK projects.

- There is no limit imposed on the number or frequency of course and enrollment imports from the SIS into EK.
- EK Admins can import one, some or all courses and corresponding enrollments, including refreshes, for an academic period.
 - Each academic period requires a separate import action.



Supported Ethos Data Models

The following core Ethos Data Models are supported in the EK-Ethos integration:

| | |
|---------------------|-------------------------------|
| Courses | Section Registrations |
| Course Statuses | Section Registration Statuses |
| Sections | Persons |
| Section Statuses | Instructors |
| Section Instructors | Academic Periods |
| | Academic Levels |

What is Not Supported in the EK-Ethos Integration

- Teaching Assistants
 - The Ethos API version can't readily distinguish between an instructor and a teaching assistant (TA). Therefore, if one or more TAs teaches a course section, TAs can be imported as instructors from the SIS into an EK course evaluation.
 - The EK configuration provides an EK Admin with the option to generate a separate course evaluation for each instructor, including each TA when imported as an instructor.
- User Groups
 - The Ethos API does not currently support the concept of student user groups that may be applicable to EK course evaluations.
 - If more granular segmentation of students and course sections are required for a course evaluation, LMS integration and CSV file import options currently supported in EK remain data import options.

LMS vs. SIS for Data Import

Whether to use the LMS or SIS for data import, either courses or enrollment refreshes, is best determined by the institution itself. EK enables EK admins to select either or both the LMS and SIS to bring data into course evaluation projects.



Here are some considerations and options to take into account when deciding which system to import courses and enrollment refreshes from:

- If you have been using the LMS to import courses, for example, and that has been working well to meet the evaluation needs of the institution, continue to use it.
- If you manually download data into a csv from the SIS and then manually upload it into EK, then enabling the direct connection between Banner or Colleague and EK, replacing the manual effort, is probably a good choice for your institution.
- If you want to take advantage of both the LMS and SIS integrations with EK, consider creating projects for each system and monitor results.

EK will match course and enrollment data imported from the SIS with user information imported from the LMS to trigger survey notifications to students in the LMS.

Setup & Configuration

Before an institution can configure the Banner or Colleague SIS connection in EK, the institution must email a request to activate the connection to eksupport@watermarkinsights.com.

There are also prerequisite setup tasks in the SIS before the connection is operational, including submitting a request to Ellucian to enable the Banner or Colleague Ethos API in the SIS for connectivity to EK. This request must include the API version for the specific SIS, as noted under 'Minimum Requirements' above. A detailed integration steps will be provided to clients requesting activation of the SIS integration.

Configuration Sequence Overview

1. Add SIS URL and API token
2. Add course and enrollment data mapping
3. Select and import courses
4. Re-sync users (enrollment refresh)



Step 1: API Connection & Data Mapping

Log into EK and navigate to Accounts > Integrations.

Click on 'Ellucian Banner' (or 'Ellucian Colleague') – only the SIS used by the institution will display. These settings will apply to all EK course evaluation projects for your institution.

Banner and Colleague are displayed in the sample below for illustration purposes only.

The screenshot shows the EvaluationKIT interface with the 'Accounts' menu open and 'Integrations' selected. The 'Integrations' list includes CAS, LTI, Open Authentication (OAuth), Shibboleth, Historical Data, Blackboard, Canvas, Brightspace, Moodle, and Schoolology. Under 'Schoolology', 'Banner' and 'Colleague' are listed and highlighted with a red box. Other sections like 'Site Settings', 'Reporting', and 'Search' are also visible.

Setup

The screenshot shows the 'Banner Integration' setup page. The 'Setup' section has three input fields: 'Banner Server Url' (https://pt3082.bipphop.com:443), 'API Token' (.....), and 'Ethos Version' (16). Below these are 'Save', 'Test', and 'Push to Sub Accounts' buttons. The 'Data Mapping' section has four dropdown menus: 'Course Code Template', 'Section Title Type' (Select), 'Person Credentials Type' (bannerid), and 'Person Email Type' (Select). There is also a 'Use Email Preferred' checkbox and a 'Save Mappings' button.



Enter/select the following required information, then Save:

1. Banner (or Colleague) Server URL for your institution.
2. API token generated when you enabled the API in your SIS with Ellucian.
3. Ethos Version = “16” (Ellucian Ethos API version; not the Banner or Colleague API version).

Click ‘Save’

- Displays the ‘Data Mapping’ section and enables EK to retrieve course, section, person and person email type selections defined in your SIS.

Once you save the data mapping parameters in EK, do not change them to ensure you do not drop enrollments in a course evaluation project.

Data Mapping

Course Code Template

1. The ‘Course Code Template’ enables you to define and tailor the structure of the course code created in EvaluationKIT when importing courses from your SIS in order to match to your LMS course code.
 - a. This is a free form text (string) field that includes and can be a combination of:
 - i. Structured ‘Course’ and ‘Section’ data objects as defined by the Ethos data objects;
 1. See Appendix B: Ethos Course and Section Objects for a full list of available data combinations.
 - ii. User-defined entries [*alphanumeric and special characters except { }*].
2. Implementation of SIS Integration
 - a. The Watermark Implementation Team will request the course code structure you need defined and will enter it on your behalf in the Course Code Template during the Ethos Integration implementation process.
 - b. You will have read.write access to this field but, if you provided the correct mapping, you should not change the equation entered in this field.
 - c. If, however, you change the course code structure in the LMS, you will have to change the equation created in the Course Code Template to keep the SIS and LMS in sync.
3. You must use at least one {course.x} **or** {section.x} object in the Course Code Template to map courses to create the appropriate course code you need. You may use multiple course and/or section objects as appropriate to your need.
 - a. Course and Section objects are the ‘parent’ whereas the available data objects associated with each are “children”. For example:
 - i. {course.number} and {section.academicPeriod.code}



- b. As illustrated in the previous example, each object used must be separated by a period.
- 4. You may add any user defined text in combination with the structured data to create the course code you need. An example of a complete course code construct might be:
 - a. {course.number}~{section.academicPeriod.code}
 - b. {section.number}.{section.academicPeriod.code}.{section.code}

Select the appropriate option in each of the following required fields:

- 1. Section Title Type
 - a. Specifies how an imported course should be titled in a course evaluation.
 - b. Selections include:
 - i. Short Section Title
 - ii. Long Section Title
 - iii. Short Course Title
 - iv. Long Course Title
- 2. Person Credentials Type
 - a. Specifies how imported instructor and student enrollments should be identified in a course evaluation.
 - b. Selections, which may vary based on the configuration within your SIS, include:

| Banner | Colleague |
|--|---|
| bannerid bannerSourceid bannerUdcid bannerUserName elevatid person email type | colleaguePersonid colleagueUserName elevatid person email type |

- 3. Persons Email Type
 - a. Specifies the email that should be used for each person enrollment imported into a course evaluation. Applied to all enrollments imported into EK.
 - b. Selections may vary depending on what has been configured in your SIS – e.g., School, Business, Personal, etc.
 - c. Use Email Preferred
 - i. The ‘Person Email Type’ setting allows an override, applying a person’s preferred email address, if specified in the SIS.



Click 'Save Mappings'.

Step 2: Import Courses

Select the course evaluation project in the 'Projects' tab for which SIS courses and enrollments should be synced and imported into the project.

The screenshot shows the 'Projects' page in EvaluationKIT. At the top, there are navigation tabs: Home, Surveys, Projects, Results, and Account. The page title is 'Create and Manage Projects'. Below this, there is a search section with fields for Name, Status, Type, and Folder. A table below the search section lists existing projects:

| ID | Name | Type | Status | Created Date | Start Date | End Date | Edit | Copy | Delete |
|-------|------------------------|-------------------|--------------|---------------------|---------------------|--------------------|------|------|--------|
| 66836 | Elucian Banner Test 2 | Course Evaluation | Not-Deployed | 12/19/2019 10:12 AM | 12/18/2019 12:00 AM | 1/31/2020 12:00 AM | | | |
| 66835 | Elucian Banner Tests | Course Evaluation | Not-Deployed | 12/17/2019 1:50 PM | 12/19/2019 12:00 AM | 1/31/2020 12:00 AM | | | |
| 66834 | Canvas Tests - Q4 2019 | Course Evaluation | Not-Deployed | 12/16/2019 11:12 AM | 12/18/2019 12:00 AM | 1/31/2020 12:00 AM | | | |
| 66833 | Marc demo SIS | Course Evaluation | Not-Deployed | 12/12/2019 1:48 PM | 12/10/2019 12:00 AM | 1/31/2020 12:00 AM | | | |

Any courses previously imported into the project will be displayed in the Courses table.

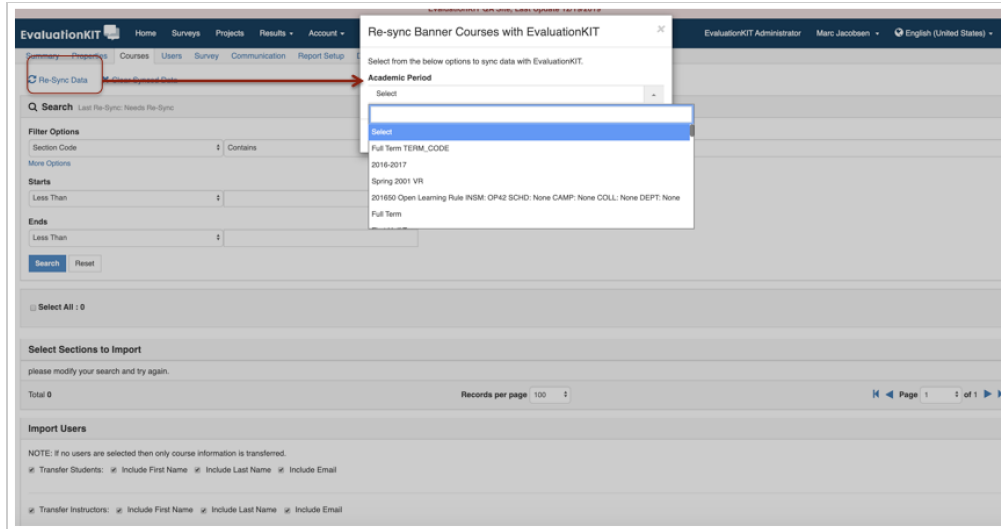
In the 'Data Import' drop down, select Ellucian Banner (or Ellucian Colleague) to re-sync courses and corresponding enrollments from the SIS.

The screenshot shows the 'Data Import' dropdown menu for the 'Ellucian Banner Tests' project. The dropdown menu is open, showing options: Excel, Blackboard, Canvas, Brightspace, Moodle, FTP as Data Source, Ellucian Banner, and Ellucian Colleague. The 'Data Import' dropdown is highlighted with a red circle. Below the dropdown, there are search fields for Course Code, Title, Call#/Unique ID, and Hierarchy Level. There are also fields for Instructor/Teaching Assistant Email, Instructor/Teaching Assistant Username, and Enrollment. A 'Search' button is visible at the bottom left of the search section.

Resync Data

Click 'Re-Sync Data' and select the academic period for which active courses and corresponding enrollments should be retrieved from the SIS.

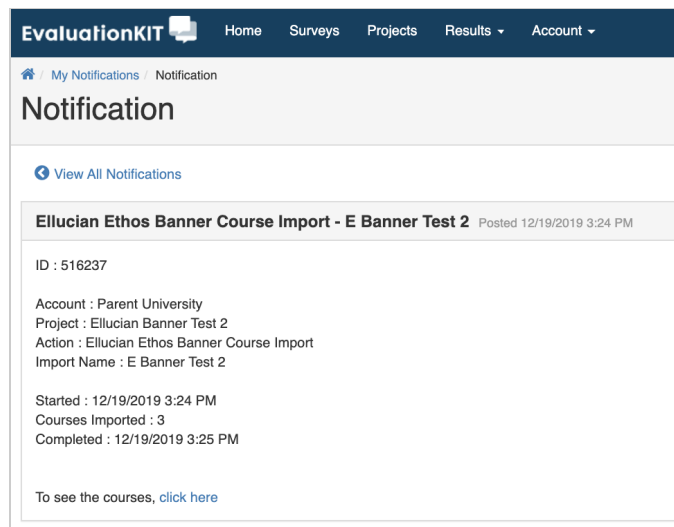
If an academic period is not specified (*drop down selection = 'Select'*), all active courses in the SIS will be synced.



A green status bar - "Data source is being re-synced" will display on the bottom of the page.

To verify that a re-sync is completed:

1. Click on 'Notifications' in the drop down under your login (*your name in the upper right corner of the page*)
2. Click on the notification related to the project for which you just re-synced course data
3. Verify the notification status = Completed
 - a. You can also review the courses re-synced from within the notification



Search & Select Courses for Import

Search for the course(s) you want to include in this project - e.g., "Spring 2020". Then select the course section(s) synced from the SIS that you want to import into the project. To narrow the list of sections to import, specify one or more filters.



The screenshot shows the EvaluationKIT interface for a project named 'Ellucian Banner Test 2'. The page has a dark blue header with navigation links like 'Home', 'Surveys', 'Projects', 'Results', and 'Account'. Below the header, there are tabs for 'Summary', 'Properties', 'Courses', 'Users', 'Survey', 'Communication', 'Report Setup', and 'Deploy Project'. The 'Courses' tab is active, showing a search bar and filter options. The search bar contains 'Section Code' and 'Contains'. Below the search bar, there are sections for 'Starts' and 'Ends' with 'Less Than' dropdowns. A 'Search' button and a 'Reset' button are also present. Below the search bar, there is a 'Select All : 250' button. The main content area is titled 'Select Sections to Import' and contains a table with columns: Course Title, Course Subject, Subject Code, Course Number, Section Code, Section Number, Section Title, Section Academic Period, Section Start, and Section End. The table lists several course sections with their respective details.

| <input type="checkbox"/> | Course Title | Course Subject | Subject Code | Course Number | Section Code | Section Number | Section Title | Section Academic Period | Section Start | Section End |
|--------------------------|------------------------------|--------------------|--------------|---------------|--------------|----------------|------------------------------|-------------------------|--------------------|---------------------|
| <input type="checkbox"/> | 20th Century American Lit | English Literature | ENGL | 103 | 10025 | 001 | 20th Century American Lit | Full Term | 1/4/2002 12:00 AM | 5/15/2002 12:00 AM |
| <input type="checkbox"/> | 20th Century American Lit | English Literature | ENGL | 103 | 10048 | 001 | 20th Century American Lit | Full Term | 1/16/1995 12:00 AM | 5/12/1995 12:00 AM |
| <input type="checkbox"/> | Accounting for Info. Systems | Accounting | ACCT | 2340 | 10006 | 001 | Accounting for Info. Systems | Fall 1995 | 8/28/1995 12:00 AM | 12/15/1995 12:00 AM |
| <input type="checkbox"/> | Accounting for Lawyers | LAW | LAW | 7760 | 10085 | 001 | Accounting for Lawyers | Law 1995 | 9/4/1995 12:00 AM | 12/15/1995 12:00 AM |
| <input type="checkbox"/> | Accounting Info. Systems | Accounting | ACCT | 2430 | 10007 | 001 | Accounting Info. Systems | Fall 1995 | 8/28/1995 12:00 AM | 12/15/1995 12:00 AM |

Additional Import Settings

You can set the additional configurations for an import from the SIS (mirrors current LMS import functionality in EK).

- Import student and/or instructor first name, last name and/or email
- Create a unique course section for each instructor when multiple instructors, including TAs, are teaching a course section
- Add the instructor name to the course title – e.g., to differentiate between same name course sections for each instructor
- Specify survey and report access dates based on course dates
- Specify a data import name for the import file
- Receive or opt-out of an email confirmation for this data import



Import Users

NOTE: If no users are selected then only course information is transferred.

Transfer Students: Include First Name Include Last Name Include Email

Transfer Instructors: Include First Name Include Last Name Include Email

Create Unique EvaluationKIT Course Sections for each Instructor Optional

Use this feature only if you have multiple instructors teaching a course and would like to create separate course sections / surveys in EvaluationKIT for each instructor. NOTE: an alternate approach is to use the Team - Taught Question feature in EvaluationKIT.

Create a unique course section for each instructor enrolled in the selected course(s).

Add Instructor to Course Title Optional

Add instructor first name and last name to course title using one of the below formats.

NOTE: title for courses with multiple instructors will not change.

None

CourseTitle: Firstname
 CourseTitle: FirstnameLastname
 CourseTitle: Firstname, Lastname
 CourseTitle: Lastname
 CourseTitle: LastnameFirstname
 CourseTitle: Lastname, Firstname

Generate Course-Level Dates Based on Course Dates Optional

Survey :

Course Level Survey Start Dates
 Day
 Bef/
 the Ellucian Course
 End/
 Dates for Selected Courses
(or enter a course level START date manually for all courses)

Course Level Survey End Dates
 Day
 Bef/
 the Ellucian Course
 End/
 Dates for Selected Courses
(or enter a course level END date manually for all courses)

Administrator:

Course Level Report Access Start Dates
 Days
 Bef/
 the Ellucian Course
 End/
 Dates for Selected Courses
(or enter a course level START date manually for all courses)

Course Level Report Access End Dates
 Days
 Bef/
 the Ellucian Course
 End/
 Dates for Selected Courses
(or enter a course level END date manually for all courses)

Instructor

Course Level Report Access Start Dates
 Days
 Bef/
 the Ellucian Course
 End/
 Dates for Selected Courses
(or enter a course level START date manually for all courses)

Course Level Report Access End Dates
 Days
 Bef/
 the Ellucian Course
 End/
 Dates for Selected Courses
(or enter a course level END date manually for all courses)

Import Options Optional

Data Import Name

I would like to receive confirmation emails for this data import.

[Import Data](#)

Click 'Import Data' to import courses and corresponding enrollments from the SIS.

Imported courses will be added to the Courses table.

| Courses - Spring 2019 Course Evaluations | | | | | | | | | | |
|--|-------------------------------------|----------------------------|-----------------------------------|--------------------|--------------------|----------|-------------|----|----------------------|--|
| Code | Title | Unique ID | Hierarchy Level | Start Date | End Date | Students | Instructors | TA | Edit | |
| COISAD | Systems Analysis and Design | COISADU-Sp2019 | College Of Information Technology | N/A | N/A | 4 | 3 | 3 | Edit | |
| QADSe001 | Selenium | QADSe001U-Sp2019 | QA Dept | N/A | N/A | 5 | 3 | 3 | Edit | |
| PDPPL001 | Principles of Programming Languages | PDPPL001U-Sp2019 | Programming Dept | N/A | N/A | 2 | 1 | 1 | Edit | |
| colNDN | Normalization/De-Normalization | colNDNU-Sp2019 | DBMS Dept | N/A | N/A | 2 | 2 | 1 | Edit | |
| JUH's(1@#%&*)Course | History's (1@#%&*)Course | JUH's(1@#%&*)Course-Sp2019 | ParentU QA | N/A | N/A | 3 | 2 | 2 | Edit | |
| pdCO001 | C#.Net | pdCO001U-Sp2019 | Programming Dept | N/A | N/A | 2 | 1 | 2 | Edit | |
| ADPC | Algebra Prarent Course | ADPCU-Sp2019 | Algebra Dept | N/A | N/A | 1 | 1 | 1 | Edit | |
| ADCh2 | Algebra Child2 Course | ADCh2U-Sp2019 | Algebra Dept | N/A | N/A | 1 | 1 | 1 | Edit | |
| ADCh1 | Algebra Child1 Course | ADCh1U-Sp2019 | Algebra Dept | 6/26/2019 12:00 AM | 6/30/2019 12:00 AM | 3 | 2 | 1 | Edit | |

Total 9 Records per page 100 Page 1 of 1

EK retrieves course and enrollment data exactly as they are defined and stored within the SIS with the exception of the 'Course Code', which is a concatenation of the course subject and course number, enabling EK to match a course between the SIS and LMS to trigger correct course survey notifications to students within the LMS.



Courses Table

For each course imported from the SIS, course detail is displayed:

- Course title
- SIS course unique ID
- Hierarchy level “ownership” of the course
- Course start and end dates
- Active student enrollments
- Active instructor enrollments

As noted previously, TAs are not distinguishable from instructors; therefore, the TA column will always display ‘0’ for each course imported from the SIS.

Editing Imported Course Data

You have the option of editing the Course Code, Course Title, Unique ID and Hierarchy Level or individual courses to correct any data quality issues that may have existed in the SIS. You can also add cross-listed courses, report mapping, course level dates and optional metadata. Keep in mind that if you re-import course data, any manual changes you made will be overwritten.

Step 3: Refresh Enrollments

As with LMS course imports, you can set an automatic enrollment refresh schedule for Banner or Colleague to add and/or drop students and/or instructors.

The screenshot displays the EvaluationKIT web interface. At the top, there is a navigation bar with 'EvaluationKIT' and 'Home', 'Surveys', 'Projects', 'Results', and 'Account' menus. The user is logged in as 'EvaluationKIT Administrator Marc Jacobsen' in 'English (United States)'. The main content area is titled 'Elucian Banner Tests Users'. Below the title, there are tabs for 'Summary', 'Properties', 'Courses', and 'Users'. The 'Users' tab is active. On the left, there is a '+ Create New User' button and a 'Data Import' dropdown menu. The 'Data Import' menu is open, showing options: 'Excel', 'Blackboard', 'Canvas', 'Brightspace', 'Moodle', 'FTP as Data Source', 'Elucian Banner', 'Elucian Colleague', and 'Opt-Out Users'. The 'Elucian Banner' option is selected. Below the menu, there is a search bar and several input fields: 'First Name', 'Last Name', 'Username', 'Email', 'User Type' (set to 'All'), 'User Status' (set to 'Any'), 'Course Unique ID', and 'Show Users' (set to 'All Users'). There are 'Search' and 'Reset' buttons. At the bottom, there is a table with the header 'Elucian Banner Tests Users' and sub-headers 'Enrollments: 0 Students, 0 Instructors, 0'. The table content shows 'No users found.' and a pagination control at the bottom right indicating 'Page 1 of 1'.



Add Refresh Schedule

Refresh Date & Time:

Refresh every day(s): 1 from: to:

Exclude courses where survey has ended

Refresh Students
 Add Students to EvaluationKIT
 Drop Students from EvaluationKIT

Refresh Instructors
 Add Instructors to EvaluationKIT
 Drop Instructors from EvaluationKIT

Save

Enrollment Refresh Status

No Enrollment Refresh Scheduled

Instructor and students enrollments will be updated and displayed in the Courses table.

Reporting

SIS imports are added to existing Account Notifications page in EK.

Account

- Site Settings
- Site Information
- Manage Administrators
- Manage Dashboard
- Customize Login Page, Student View & Messages
- Outgoing Email Settings
- Account Notifications**
- Contact Setting
- Hierarchy Builder
- Hierarchy Mapper
- Report Mapper
- Project Folders
- Permissions

Reporting

- Response Rate Tracker Settings
- Results Settings
- Student Reporting Setup
- Mobile Use Reporting
- Custom Question
- Custom Question Settings

Monitoring

- Settings
- Results
- Custom Questions
- Manage Courses

Integrations

- CAS
- LTI
- Open Authentication (OAuth)
- Shibboleth
- Historical Data
- Blackboard
- Canvas
- Brightspace
- Moodle
- Ellucian Banner
- Ellucian Colleague
- FTP

Search

- Users
- Courses
- API
- Documentation



Appendix A: Setup Checklists for SIS

A login to the Ellucian website pages is required to access the links contained in the setup checklists below.

Banner

https://resources.elluciancloud.com/bundle/ellucian_workflow_acn_configure/page/r_auth_source_setup_banner.html

| Task | Location | Reference |
|---|----------------------------|--|
| 1. Install the Ellucian Messaging Service (EMS) on your Banner Web API server. | Banner's Web API server | Install the Ellucian Messaging Service |
| 2. Configure and deploy the Web APIs for Banner. | Banner's Web API server | Banner Integration API Installation Guide |
| | | Banner Ethos API Handbook |
| 3. Add each Ellucian Ethos Data Model as a resource to Banner. | Ellucian Ethos Integration | Add the resources that are owned by Banner |
| 4. Configure BEP (Banner Event Publisher) for EMS/AMQP. | Banner | Banner Event Publisher documentation library in the Ellucian Customer Center |
| 5. Turn on the database triggers in Banner for each data model. | Banner | Banner Ethos API Release Guide |
| 6. Configure and deploy the EMS Adapter to read from the EMS and publish to Ellucian Ethos Integration. | Banner's Web API server | Configure the Ellucian Message Adapter |



Colleague

https://resources.elluciancloud.com/bundle/ellucian_workflow_acn_configure/page/r_auth_source_setup_colleague.html

| Task | Location | Reference |
|---|----------------------------|---|
| 1. Install the Ellucian Messaging Service (EMS) on your Colleague Web API server. | Colleague's Web API server | Install the Ellucian Messaging Service |
| 2. Configure and deploy the Web APIs for Banner or Colleague. | Colleague's Web API server | Setting Up Colleague Web API |
| 3. Add each Ellucian Ethos Data Model as a resource to Colleague. | Ellucian Ethos Integration | Add the resources that are owned by Colleague |
| 4. Configure EDX (Envision Data Exchange), the business event publisher for EMS/AMQP. | Colleague | Setting Up Ellucian Ethos Integration for Colleague Web API |
| 5. Turn on the database triggers in Colleague for each data model. | Colleague | Colleague Ethos Integration APIs |
| 6. Configure and deploy the EMS Adapter to read from the EMS and publish to Ellucian Ethos Integration. | Colleague's Web API server | Configure and deploy the Ellucian Messaging Adapter |



Appendix B: Ethos Course and Section Objects

The following Ethos and Course object lists are comprehensive but you would like not use the majority of child objects to create a course code in EvaluationKIT to match the LMS course code.

| Course (<i>Ethos element</i>) | Section (<i>Ethos element</i>) | |
|--|---|----------------------------|
| id | id | MaxEnrollment |
| titles | description | reservedSeatsMaximum |
| description | startOn | waitlist |
| subject | endOn | crossListed/notCrossListed |
| topic | code | billing |
| categories | number | chargeAssessmentMethod |
| course levels | instructionalPlatform | alternateIDs |
| InstructionalMethod Details | academicPeriod | reportingAcademicPeriod |
| hours | censusDates | |
| owninginstitutionUnits | course | |
| schedulingStartOn | courseCategories | |
| schedulingEndOn | credits | |
| number | site | |
| academicLevels | academicLevels | |
| gradeSchemes | gradeSchemes | |
| credits | courseLevels | |
| billing | instructionalMethods | |
| waitlistMultipleSections | hours | |
| administrativePeriod | instructionalDeliveryMethod | |
| status | status | |
| additionalClassifications | duration | |



Change Log

| Version | Date | What Changed |
|---------|-------------|---|
| 1.3 | Jan 9, 2020 | Original public release |
| 1.4 | Nov 2, 2020 | Added Course Code Template for course import mapping: Setup & Configuration > Data Mapping |