



Cornerstone LMS Integration with eeds

Edge Integration Guide

Cornerstone's eeds Integration provides healthcare organizations the ability to integrate their Cornerstone Learning portal with eeds, the online CE tracking system for healthcare professionals. With this integration, you can have a unified transcript of all Cornerstone and eeds learning activity. When this integration is enabled, eeds CE course completions, including CE credit information is transmitted to Cornerstone via the Express Class API. Users can see eeds Conference Series & Symposiums in your Course Catalog and link to eeds to register for scheduled Activities.

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Version history

Version	Date	Modified By	Changes Made
1.0	01/15/2020	Kevin Churbuck	Creation of Document

Overview

Prerequisites

- Cornerstone Learning Module
- Cornerstone APIs
- eeds Account

Exceptions

- This integration will create new Event & Material learning objects as needed.
- Completions will be transmitted at the Material learning object level via the Express Class API.
- CE Credit information will be transmitted per eeds Credit Type as Transcript Custom Fields.
- Aggregated CE Credit information will be available directly in the eeds system.
- This integration will transmit data from eeds to Cornerstone only. No data will be transmitted back to eeds.
- Once data is transmitted from eeds to Cornerstone, any modification to the data will need to be done directly in Cornerstone.

Prerequisite Setup

User Account

Please create a Cornerstone User Account to be utilized by this integration. Please use the below field level details. All other fields can be populated at your discretion. It is not necessary to provide any login credentials to your eeds representative. Completions will be transmitted at the Material learning object level via the Express Class API.

- UserID: eeds
- Username: eeds
- First Name: eeds
- Last Name: Admin
- Once data is transmitted from eeds to Cornerstone, any modification to the data will need to be done directly in Cornerstone.

Security Role

The eeds User Account should be added to a Security Role that includes the below Security Permissions. It is advised to create a new Security Role with only the permissions.

- Employee API – View
- Course Catalog – Update
- Events – Create
- Materials Manage
- Express Class - Manage
- Training Custom Fields

Online Provider

Please create a Global Product Support case requesting a Provider be created in your portals.

- Title: eeds
- Type: Online Provider

ILT Provider

Please create an Instructor Led Training Provider in your portals.

ILT > Vendors & Instructors > Add New Vendor

- Vendor Name: eeds-ILT
- Active: Checked

Subject

Please create a Subject with the below details.

Admin > Tools > Learning > Catalog Management > Subjects > Add a New Subject

- Subject Title: eeds
- Subject Parent: NONE

Material Type

Please create a Material Type with the below details.

Admin > Tools > Learning > Catalog Management > Materials > Material Types > Add New Type

- Subject Title: eeds

Training Custom Fields

CE Credit Types

Please create a Training Custom Field for each of the eeds CE Credit Types you wish to track in Cornerstone with the below configuration. See Appendix B for list of current eeds Credit Types.

EXAMPLE

- Name: AMA PRA Category 1 Credit
- Email Tag: EEDS_001 (Template: “EEDS_###”, ### is the eeds Credit Type ID with leading zeros to make it 3 digits long)
- Type: Numeric
- Active Training Type: Material
- Visible to End User on Transcript: TRUE
- Availability: All Users

Define the field name, field type, field availability and additional field properties below. If availability is not defined the custom field is not visible to anyone.

Name: AMA PRA Category 1 Credit
Email Tag: EEDS_001
Type: Numeric Field
Available Languages: English (US)
Active:

FIELD DETAILS FOR EACH TRAINING TYPE Check/Uncheck All

Active Training Type	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Response Required	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Editable On Transcript By Admin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Visible to End User on Transcript	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Editable on Transcript By End User	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

eeds Certificate

Please create a Training Custom Field that eeds will populate with a URL to the eeds Certificate for each completion.

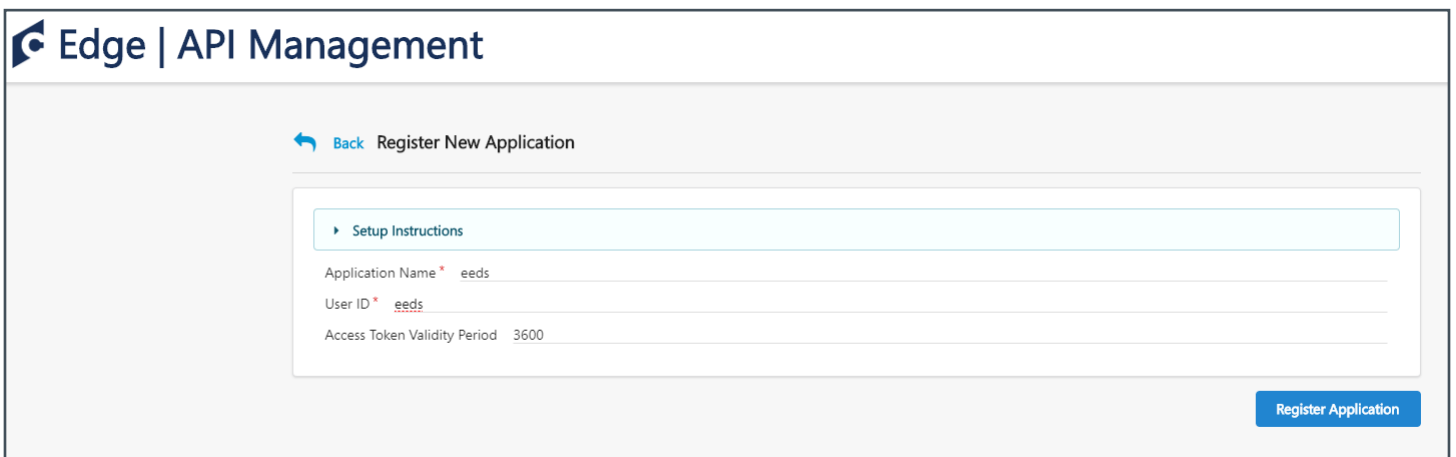
- Name: eeds Certificate
- Email Tag: EEDS_CERT
- Type: Scrolling Text Box
- Active Training Type: Material
- Visible to End User on Transcript: TRUE
- Availability: All Users

Edge setup

OAuth 2.0 Token

Admin > Tools > Edge > API Management

- Manage OAuth 2.0 Applications
- Register New Application
- Application Name: eeds
- User ID: eeds
- Access Token Validity Period: 3600
- Scopes – Check “Cornerstone API”
 - ▶ Select Modify and check the below Scopes
 - Employee:read
 - Expressclass:create
 - Training:create
 - Training:read
 - ▶ Click save
- Click Register Application
- Provide your eeds representative the “Client ID” and “Client Secret” values



The screenshot shows the 'Edge | API Management' interface. At the top left is the Edge logo. The main heading is 'Edge | API Management'. Below this is a breadcrumb trail: 'Back Register New Application'. The main content area contains a form titled 'Setup Instructions'. The form has three input fields: 'Application Name * eeds', 'User ID * eeds', and 'Access Token Validity Period 3600'. A blue 'Register Application' button is located at the bottom right of the form.

Appendix

A: Security Permissions

Permission Name	Permission Description
Employee API - View	To GET (View) Users
Course Catalog - Update	<p>Grants ability to manage and edit training items listed in the Course Catalog and also grants access to the Course Console, where training can also be managed and edited. This permission also grants access to the Popular Requests and Highest Rated widgets on the Learning Admin Console (in conjunction with the Learning Admin Console - View permission). This permission also allows administrators to reversion online courses via the Course Console page. This permission also allows administrators to access an Edit Training option for training items included as objectives in Development plans.</p> <p>This permission can be constrained by OU, User's OU, Training Type, Training Item, Provider, ILT Provider, User's ILT Provider, User, User Self and Subordinates, and User's LO Availability. This is an administrator permission.</p> <p>Note: Adding an OU constraint and a provider constraint to this permission results in an "AND" statement.</p>
Events - Create	Grants ability to create new instructor led training events. This permission works in conjunction with Events - View permission. This permission can be constrained by OU, User's OU, ILT Provider, and User's ILT Provider. This is an administrator permission.
Materials Management	Grants ability to view the Material Administration page and create, edit, and copy materials. Once created, these "materials" can be managed like other learning objects via the course catalog. This permission can be constrained by OU, User's OU, and Provider. The constraints on this permission determine which materials the administrator is able to view, edit, copy, and create. This is an administrator permission.
Express Class - Manage	Grants the ability to create and add users to an Express Class for a facilitated training session. This permission can be constrained by OU, User, User Self and Subordinates, and User's OU. This is an end user permission.
Training Custom Fields	Grants ability to create and edit custom fields to be used for one or more learning object types. This is an administrator permission.

B: eeds CE Credit Types

CreditTypeID	EMAIL TAG	Credit Name (Custom Field Title)	Credit Description
1	EEDS_001	AMA PRA Category 1 Credit	American Medical Association Physician Recognition Award - Category 1
2	EEDS_002	AMA PRA Category 2 Credit	American Medical Association Physician Recognition Award - Category 2
3	EEDS_003	AAFP Prescribed	American Academy of Family Physicians
4	EEDS_004	AAP	American Academy of Pediatrics
5	EEDS_005	ACOG	American College of Obstetrics and Gynecology
6	EEDS_006	ACEP Category 1	American College of Emergency Physicians
7	EEDS_007	AOA Category 1-A	American Osteopathic Association
8	EEDS_008	ANA	American Nursing Association
9	EEDS_009	CEU	Continuing Education Units
10	EEDS_010	NCNA	North Carolina Nurses Association
11	EEDS_011	ACPE	American Council on Pharmacy Education
12	EEDS_012	Attendance w/ No Credit	No Credit, Just Attendance
13	EEDS_013	APA	American Psychological Association Continuing Education (CE) Credit
14	EEDS_014	CNE	Continuing Nursing Education
15	EEDS_015	AGD	Academy of General Dentistry
19	EEDS_019	NCNA Contact Hours	North Carolina Nurses Association Contact Hours
31	EEDS_031	AAFP Elective	American Academy of Family Physicians Elective Credit
32	EEDS_032	AOA Category 1-B	American Osteopathic Association 1-B Credit
33	EEDS_033	AOA Category 2-A	American Osteopathic Association 2-A Credit
34	EEDS_034	AOA Category 2-B	American Osteopathic Association 2-B Credit
36	EEDS_036	PSNA	Pennsylvania State Nursing Association

CreditTypeID	EMAIL TAG	Credit Name (Custom Field Title)	Credit Description
46	EEDS_046	AAD	American Academy of Dermatology
49	EEDS_049	NBCC	National Board for Certified Counselors
50	EEDS_050	NC Psychology	NC Psychology Board
51	EEDS_051	NAADAC	Association for Addiction Professionals
52	EEDS_052	CRCE	AARC's Continuing Respiratory Care Education
53	EEDS_053	Contact Hours	General Contact Hours
54	EEDS_054	NCBPTE	North Carolina Board of Physical Therapy Examiners
55	EEDS_055	Social Work Credit	Social Worker Credit
56	EEDS_056	BOC Category A	Board of Certification for the Athletic Trainer Category A CEUs
58	EEDS_058	OPTA CEU	Ohio Physical Therapy Association CEU
59	EEDS_059	Ohio OT CEU	Ohio OTPTAT Occupational Therapy CEU
60	EEDS_060	OCDP	Ohio Chemical Dependency Professionals Board
63	EEDS_063	ASRT Category A Credit	American Society of Radiologic Technologists Category A
64	EEDS_064	CNE-APRN AHEC West	CNE-APRN, KUMC-Area Health Education Center – West
65	EEDS_065	CNE-RN/LPN AHEC-West	CNE-RN/LPN, KUMC Area Health Education Center - West
66	EEDS_066	CNE-APRN AHEC East	CNE-APRN, KUMC-Area Health Education Center – East
67	EEDS_067	CNE-RN/LPN AHEC East	CNE-RN/LPN, KUMC Area Health Education Center - East
68	EEDS_068	OPA-MCE	Ohio Psychological Association - Mandatory Continuing Education
69	EEDS_069	Ohio Pharmacy	Ohio Board of Pharmacy
70	EEDS_070	CNE-APRN/RN/LPN AHEC East	CNE-APRN/RN/LPN, KUMC Area Health Education Center - East
71	EEDS_071	CNE-APRN/RN/LPN AHEC West	CNE-APRN/RN/LPN, KUMC Area Health Education Center - West
72	EEDS_072	Kansas EMS	Kansas Board of EMS
73	EEDS_073	Kansas PT/PTA	Kansas Physical Therapy Association

CreditTypeID	EMAIL TAG	Credit Name (Custom Field Title)	Credit Description
74	EEDS_074	KBOP	Kansas Board of Pharmacy
75	EEDS_075	ACHA - Resident Care	Kansas Adult Care Home Administrators - Resident Care
76	EEDS_076	ACHA - Administrative Care	Kansas Adult Care Home Administrators - Administrative Care
77	EEDS_077	KRCS	Kansas Respiratory Care Society
78	EEDS_078	RD/LD	Kansas Registered Dietitian/ Licensed Dietitian
79	EEDS_079	ACSM	American College of Sports Medicine
80	EEDS_080	Counselor Credit	Counselor Credit
81	EEDS_081	Chaplaincy Credit	Association of Professional Chaplains
82	EEDS_082	EMS/First Responders CEU	Emergency Medical Services/First Responders Continuing Education Units
84	EEDS_084	Missouri Respiratory Therapy	Missouri Respiratory Care Board
85	EEDS_085	NYS Physical Therapy	New York State Physical Therapy
86	EEDS_086	BOC EBP Category	Board of Certification for the Athletic Trainer EBP Category CEUs
87	EEDS_087	KBOP - Pending	Kansas Board of Pharmacy - Pending
88	EEDS_088	AAST	American Association of Sleep Technologists
91	EEDS_091	OR Pharmacy Contact Hours	Oregon Board of Pharmacy Contact Hours
92	EEDS_092	OR Pharmacy Contact Hours - Pending	Oregon Board of Pharmacy Contact Hours - Pending