**Cengage | National Geographic Learning**

**OneRoster 1.0/1.1**

OneRoster is a standard roster format created by[IMS Global Learning Consortium](https://www.imsglobal.org/activity/onerosterlis). The following contain detailed information regarding the OneRoster implementation for Cengage NGLSync platform.

OneRoster Version Detection

Per OneRoster specification, the version of the OneRoster package is determined by the manifest.csv file. In the absence of a manifest.csv file, the OneRoster package must be treated as a OneRoster v1.0 package

# Importing OneRoster Packages

**Note**: All OneRoster packages imported into NGLSync MUST be in a valid .zip file with the csv files at the root of the zip. For instance, do not compress the folder containing the csv files; select the csv files themselves.

When your OneRoster package has been validated and can be automated, a OneRoster directory will be established and this will enable end-to-end automation of OneRoster through the SFTP upload. You will need to update your SFTP setting to include the “OneRoster” directory, so your files get posted to that folder.

## Default Student and Teacher Passwords

If passwords are not provided in the OneRoster user record (OneRoster v1.0 doesn't provide a column for password in the user file), the default password will be assigned to that user at creation time. For SAML/SSO users, the passwords are not required for access, but only required for the OneRoster setup. Internal admin will set those values but will not be shared with end users.

## Deactivation Threshold

This threshold (a number between 0 and 100) is used as a safety check when processing OneRoster packages. After the OneRoster data is validated, and before it is sent for processing, a calculation is done to determine how much of the data will be deactivated (as a percentage of total data). If the percentage of data TO BE DEACTIVATED is equal to or greater than the Deactivation Threshold, then the process will **not** automatically continue into the processing phase. When this happens, a user must access the OneRoster job through the NGLSync dashboard and select "Add to processing". If the threshold is not set, the imports will never automatically continue into the processing phase. This threshold can be changed at anytime if it needs to be set high at beginning of school year where there will be a high percentage of change, but after a few months can be lowered to a smaller percent where the rate of change is much less.

# OneRoster License Association

Cengage requires a listing of your course or class sourcedids to be associated in the OneRoster packages with purchased products (licenses to content). If we do not complete this step, all courses and classes within your OneRoster packages will be invalidated, and nothing will be processed. Course sourcedids should be provided if the purchased content is applicable to all teacher/class associated with that course sourcedids. If the content is purchased for some and not all, then class sourcedids should be provided.

# Class/Course Title

The class title that is presented to Teachers and students is derived from your classes.csv file and the Title column. In event that the data captured from your SIS does not provide enough distinction between periods or sections, we will append the sourcedId value to the title. In the NGL sync portal, Teachers have the ability to Edit the class title to something more meaningful to them, however this edit does not impact your OneRoster data. The edited class title will be an alias captured in our system, but original title from your OneRoster will persist in our system as well. A district admin can view all courses rostered and any edited course will have the alias name in parenthesis next to the official title.

## Data specs

|  |  |  |
| --- | --- | --- |
| **OneRoster CSV File Name** | **OneRoster Column In CSV** | **Cengage Description** |
| orgs.csv | sourcedId | SourcdIds are recorded for each entity the first time they are seen in order to uniquely identify that entity for current and future processing. |
| orgs.csv | status | status and dateLastModified are used to determine the type of upload (BULK or DELTA). If these values are populated then the upload is a delta and the status will be used to determine the status (active or inactive) of the entity. If these rows are not populated then everything in the upload is considered active and anything not found in the upload will be deactivated. |
| orgs.csv | dateLastModified | status and dateLastModified are used to determine the type of upload (BULK or DELTA). If these values are populated then the upload is a delta and the status will be used to determine the status (active or inactive) of the entity. If these rows are not populated then everything in the upload is considered active and anything not found in the upload will be deactivated. |
| orgs.csv | name | **School name** |
| orgs.csv | type | Not used. Cengage considers any organization with associate enrollments a school. |
| orgs.csv | identifier | Not used. |
| orgs.csv | metadata.classification | Not used. |
| orgs.csv | metadata.gender | Not used. |
| orgs.csv | metadata.boarding | Not used. |
| orgs.csv | parentSourcedId | Not used. |
| users.csv | sourcedId | SourcdIds are recorded for each entity the first time they are seen in order to uniquely identify that entity for current and future processing. |
| users.csv | status | status and dateLastModified are used to determine the type of upload (BULK or DELTA). If these values are populated then the upload is a delta and the status will be used to determine the status (active or inactive) of the entity. If these rows are not populated then everything in the upload is considered active and anything not found in the upload will be deactivated. |
| users.csv | dateLastModified | status and dateLastModified are used to determine the type of upload (BULK or DELTA). If these values are populated then the upload is a delta and the status will be used to determine the status (active or inactive) of the entity. If these rows are not populated then everything in the upload is considered active and anything not found in the upload will be deactivated. |
| users.csv | orgSourcedIds | SourcdIds are recorded for each entity the first time they are seen in order to uniquely identify that entity for current and future processing. |
| users.csv | role | The role of the user. Only users with teacher or student role are processed. |
| users.csv | username | **Username** to log in to the NGLSync portal to access courses. |
| users.csv | userId | Used as the **LMS\_Id** |
| users.csv | givenName | **First name** |
| users.csv | familyName | **Last name** |
| users.csv | identifier | Not used. |
| users.csv | email | **Email address. (only captured for teachers)** |
| users.csv | sms | Not used. |
| users.csv | phone | Not used. |
| users.csv | agents | Not used. |
| courses.csv | sourcedId | SourcdIds are recorded for each entity the first time they are seen in order to uniquely identify that entity for current and future processing. |
| courses.csv | status | Not used. |
| courses.csv | dateLastModified | Not used. |
| courses.csv | schoolYearId | Not used. |
| courses.csv | metadata.duration | Not used. |
| courses.csv | title | Used only during the license item association process to facilitate the association of course sourcedids with purchased license items. |
| courses.csv | courseCode | Not used. |
| courses.csv | grade | Not used. |
| courses.csv | orgSourcedId | Not used. |
| courses.csv | subjects | Not used. |
| classes.csv | sourcedId | SourcdIds are recorded for each entity the first time they are seen in order to uniquely identify that entity for current and future processing. |
| classes.csv | status | status and dateLastModified are used to determine the type of upload (BULK or DELTA). If these values are populated then the upload is a delta and the status will be used to determine the status (active or inactive) of the entity. If these rows are not populated then everything in the upload is considered active and anything not found in the upload will be deactivated. |
| classes.csv | dateLastModified | status and dateLastModified are used to determine the type of upload (BULK or DELTA). If these values are populated then the upload is a delta and the status will be used to determine the status (active or inactive) of the entity. If these rows are not populated then everything in the upload is considered active and anything not found in the upload will be deactivated. |
| classes.csv | title | **Course name (Note: Cengage course = OneRoster class)** |
| classes.csv | grade | **Course grade** |
| classes.csv | courseSourcedId | SourcdIds are recorded for each entity the first time they are seen in order to uniquely identify that entity for current and future processing. |
| classes.csv | classCode | Not used. |
| classes.csv | classType | Not used. |
| classes.csv | location | Not used. |
| classes.csv | schoolSourcedId | SourcdIds are recorded for each entity the first time they are seen in order to uniquely identify that entity for current and future processing. |
| classes.csv | termSourcedId | SourcdIds are recorded for each entity the first time they are seen in order to uniquely identify that entity for current and future processing. |
| classes.csv | subjects | Not used. |
| enrollments.csv | sourcedId | SourcdIds are recorded for each entity the first time they are seen in order to uniquely identify that entity for current and future processing. |
| enrollments.csv | classSourcedId | SourcdIds are recorded for each entity the first time they are seen in order to uniquely identify that entity for current and future processing. |
| enrollments.csv | schoolSourcedId | SourcdIds are recorded for each entity the first time they are seen in order to uniquely identify that entity for current and future processing. |
| enrollments.csv | userSourcedId | SourcdIds are recorded for each entity the first time they are seen in order to uniquely identify that entity for current and future processing. |
| enrollments.csv | role | The role of the user within the specified course. |
| enrollments.csv | status | status and dateLastModified are used to determine the type of upload (BULK or DELTA). If these values are populated then the upload is a delta and the status will be used to determine the status (active or inactive) of the entity. If these rows are not populated then everything in the upload is considered active and anything not found in the upload will be deactivated. |
| enrollments.csv | dateLastModified | status and dateLastModified are used to determine the type of upload (BULK or DELTA). If these values are populated then the upload is a delta and the status will be used to determine the status (active or inactive) of the entity. If these rows are not populated then everything in the upload is considered active and anything not found in the upload will be deactivated. |
| enrollments.csv | primary | Not used. |
| academicSessions.csv | sourcedId | SourcdIds are recorded for each entity the first time they are seen in order to uniquely identify that entity for current and future processing. |
| academicSessions.csv | status | Not used. |
| academicSessions.csv | dateLastModified | Not used. |
| academicSessions.csv | title | Not used. |
| academicSessions.csv | type | Not used. |
| academicSessions.csv | startDate | **Course start date** |
| academicSessions.csv | endDate | **Course end date** |
| academicSessions.csv | parentSourcedId | Not used. |
| demographics.csv | userSourcedId | Not used. |
| demographics.csv | status | Not used. |
| demographics.csv | dateLastModified | Not used. |
| demographics.csv | birthdate | Not used. |
| demographics.csv | sex | Not used. |
| demographics.csv | americanIndianOrAlaskaNative | Not used. |
| demographics.csv | asian | Not used. |
| demographics.csv | blackOrAfricanAmerican | Not used. |
| demographics.csv | nativeHawaiianOrOtherPacificIslander | Not used. |
| demographics.csv | white | Not used. |
| demographics.csv | demographicRaceTwoOrMoreRaces | Not used. |
| demographics.csv | hispanicOrLatinoEthnicity | Not used. |
| demographics.csv | countryOfBirthCode | Not used. |
| demographics.csv | stateOfBirthAbbreviation | Not used. |
| demographics.csv | cityOfBirth | Not used. |
| demographics.csv | publicSchoolResidenceStatus | Not used. |