

Student Section Associations (Texas v4.0)

Last Modified on 12/20/2024 12:43 pm CST

Tool Search: Ed-Fi

[Object Triggering Logic | School Exclude, Calendar Exclude, Resource Toggle and Resync Logic | Natural Key Changes, Cascading Updates, and Deletes Logic | Scope Year Logic | Event Queue Detail | Object Data Elements](#)

This association indicates the course sections to which a student is assigned.

Object Triggering Logic

Action	Trigger
Post	<p>When a student is scheduled into a course section.</p> <ul style="list-style-type: none"> • A record reports for each Section record that is reported based on the Sections logic. • Does not report a record for the prior term if roster start date is after the term end date. • Only sends records if the student has a enrollment in the schedule structure where the student is scheduled and is not marked as No Show. • Does not send records if: <ul style="list-style-type: none"> ◦ Calendar Exclude checkbox is marked. ◦ School Exclude checkbox is marked. ◦ Course is marked as Inactive or Exclude.
Post	Send a new record if a student's roster start date is changed.
Put	<p>When section information is updated for a student or section.</p> <ul style="list-style-type: none"> • Update when the course or section's homeroom field is changed.
Delete	When a student is deleted from a course section.
Delete	<p>Delete any future records if the student is given a roster end date for the course.</p> <ul style="list-style-type: none"> • Roster End Date must be before Term Start date of future records.
Delete/Post	Delete the record if a student's roster start date is changed.

School Exclude, Calendar Exclude, Resource Toggle and Resync Logic

Action	Trigger
--------	---------

Action	Trigger
None	If a resource is toggled to 'OFF' after data has sent, all sent data will remain in the ODS but no new data sends.
Resync	If a record is in the Ed-Fi Identity Mapping table and not in the ODS, it is deleted from the Ed-Fi Identity Mapping table.
Resync	If a record is in the ODS and it does not have a matching record in Campus or the Ed-Fi Identity Mapping table, it is deleted from the ODS.
Resync	If a mapping is changed in Resource Preferences, a resync needs to be done to reflect the changes.

Natural Key Changes, Cascading Updates, and Deletes Logic

Action	Trigger
Delete/Post	Natural Key change: <ul style="list-style-type: none"> The natural key logic from Sections and Students will update this resource if they change. If a student's Begin Date changes.
Delete/Post	If the natural key changes all dependent data will delete/post. <ul style="list-style-type: none"> Student Section Attendance Events, Grades

Scope Year Logic

Logic
Reports records in the scope year in which the course/section's calendar is aligned. <ul style="list-style-type: none"> Data will only send for years that have valid configuration.

Event Queue Detail

Campus Table	Ed-Fi Action	Fields
roster	Post/Put/Delete	The primary table used for sending data for this resource.
sectionPlacement	Post/Put/Delete	The primary table used for sending data for this resource.
term	Delete and Post	Begin Date

Campus Table	Ed-Fi Action	Fields
term	Put	End date
course	Put	homeroom
section	Put	homeroom

Object Data Elements

This table describes data elements sent within the Student Section Association resource.

Data Element Label	Business Requirement	Logic	M, C or O	Location
id	The unique identifier of the resource.		M	
beginDate	Month, day, and year of the student's entry or assignment to the section. If blank, default is the start date of the first grading period.	<p>Reports the roster start date for the term record in which the start date occurs.</p> <ul style="list-style-type: none"> For any records in the future terms for that course, use the earliest term start date. <p>Reports the earliest term start date associated with the term descriptor selected for this section based on section schedule placement if the Start Date is NULL.</p>	M	<p>Student Information > General > Schedule > Roster Start Date</p> <p>OR</p> <p>System Administration > Calendar > Calendar > Terms</p> <p>roster.startdate or terms.startdate</p>

Data Element Label	Business Requirement	Logic	M, C or O	Location
sectionReference	A reference to the related Section resource.	Reports the fields that are part of the Natural Key for the Section resource.	M	
studentReference	A reference to the related Student resource.	Reports the fields that are part of the Natural Key for the Student resource.	M	
attemptStatusDescriptor	An indication of the student's attempt status for the section.	This is optional, does not report.	O	

Data Element Label	Business Requirement	Logic	M, C or O	Location
endDate	Month, day, and year of the withdrawal or exit of the student from the section.	<ol style="list-style-type: none"> 1. Reports the roster end date for the student + 1 additional day. <ul style="list-style-type: none"> ◦ If a roster end date is entered, deletes any records for future terms for that section. 2. If NULL, reports the latest term start date associated with the term descriptor selected for this section based on section schedule placement. 	O	Student Information > General > Schedule > Roster End Date OR System Administration > Calendar > Calendar > Terms roster.endDate or terms.endDate

Data Element Label	Business Requirement	Logic	M, C or O	Location
homeroomIndicator	Indicator that the class is the student's designated homeroom used for daily attendance reporting.	<ol style="list-style-type: none"> 1. Report s 'True' if the checkbox is marked on either the Section or the Course to which the section is assigned. 2. Otherwise, reports False. 	O	Scheduling > Course > Homeroom or Scheduling > Course > Section > Homeroom course.homeroom or section.homeroom
repeatIdentifierType	An indication as to whether a student has previously taken a given course. NEDM: Repeat Identifier Repeated, counted in grade point average Repeated, not counted in grade point average Not repeated Other.	Does not report. This data is not collected in Campus.	O	
teacherStudentDataLink Exclusion	Indicates that the student-section combination is excluded from calculation of value-added or growth attribution calculations used for a particular teacher evaluation.	Does not report. This data is not collected in Campus.	O	

Data Element Label	Business Requirement	Logic	M, C or O	Location
CourseCompletionIndicator	Indicates whether or not the student finished the full sequence of instruction for a course.	<p>Reports true if the Student is in grade 09, 10, 11, 12 or Special Explanation = J on Course or Roster Batch Edit and the student has a Score on a grading task that has State Reported selected.</p> <p>Otherwise, reports false.</p> <p>If conditions are not met field does not report.</p>	O	<p>Student Information > General > Enrollments</p> <p>Course > Special Explanation</p> <p>Course > Section > Roster Batch Edit > Special Explanation Override</p> <p>Grading & Standards > Grading Tasks > State Reported</p> <p>Course > Section > Grading by Task > Score</p>
etag	A unique system-generated value that identifies the version of the resource.		O	