TX Ed-Fi Suite 3 API v7.1 Data Standard v4.0: Student Section Associations

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Summary

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

Object Triggering

Action	Business Rule(s)
Post	When a student is scheduled into a course section • A record will report for each Section record that is reported based on the Sections logic • If roster start date is after the term end date, do not report a record for the prior term • Only send records if the student has a enrollment in the schedule structure where the student is scheduled and is not marked as No Show • Do not send records if the Calendar Exclude check box is checked • Do not send records if the School Exclude check box is checked • Do not send records if the Course is marked as Inactive or Exclude • Course must have a State Code = NOT NULL
Put	When section information is updated for a student or section • Update when the course or section's homeroom field is changed
Delete /Post	When student's roster start date is changed
Delete	When a student is deleted from a course section Delete any future records if the student is given a roster end date for the course • Roster End Date must be before Term Start date of future records

Required Resources (Upstream)

The following resources must be sent prior to this resource:

- Students
- Sections

Dependent Resources (Downstream)

The following resources are dependent on this resource (must be sent after this resource):

- Grades

Error Log

The following are potential Tier 1 (Ed-Fi API generated) or custom (Campus generated) errors you may receive when posting, updating, or deleting this resource. Please keep in mind that the "Error Message" below may not match your exact error message.

Error Message	Possible Causes / How to Fix

Object Data Elements

Data element labels below in **BOLD** are part of the natural key of this resource and are required data elements for the record to send through Ed-Fi.

- The Mandatory / Conditional / Optional column indicates what the state requires for each data element.
- The Uses Core Template Rules column indicates if the element uses Infinite Campus Core Ed-Fi rules, has been Localized using DOE rules, or the element has been added by a DOE as an Extended Element.

	Data Element Label	Business Rule(s)	Mandatory/ Conditional /Optional	Tool Path	Database Field	Uses Core Template Rules (Y/N/EXT)
1	**beginDate** (date)	*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* 1. Report the roster start date for the term record in which the start date occurs a. For any records in the future terms for that course, use the earliest term start date 2. If Start Date is NULL, report the earliest term start date associated with the term descriptor selected for this section based on section schedule placement	M	Roster	roster. startDate terms. startDate	Y
2	**sectionReference** (reference)	*A reference to the related Section resource* 1. Reports the fields that are part of the Natural Key for the Section resource	M	N/A	N/A	Y
3	**studentReference** (reference)	*A reference to the related Student resource* 1. Reports the fields that are part of the Natural Key for the Student resource	M	N/A	N/A	Y

4	endDate *(date)*	*Month, day, and year of the withdrawal or exit of the student from the section.* 1. Report the roster end date for the student + 1 additional day a. If a roster end date is entered, delete any records for future terms for that section 2. If NULL, report the latest term end date associated with the term descriptor selected for this section based on section schedule placement + 1 additional day	C	Roster	roster. endDate terms. endDate	N
5	homeroomIndicator	*Indicates the section is the student's homeroom. Homeroom period may the convention for taking daily attendance.* 1. Report "True" if the check box is checked on either the Section or the Course the section is assigned to a. Else, report False	O	Course Section		Y

6	courseCompletionIndicator	*E1068. CourseCompletionIndicator indicates whether or not the student finished the full sequence of instruction for a course.*
		
		1. If Student is in grade 09, 10, 11, 12 or Special Explanation = J on Course or Roster Batch Edit
		  i. And student has a Score = NOT NULL on a grading task that has State Reported = selected, report true
		  ii. Else, report false
		2. If conditions are not met field does not report
			C	Grading Score		EXT

7	attemptStatusDescriptor	1. This is optional, does not report	O	N/A	N/A	Y
8	repeatIdentifierType	1. This is optional, does not report	O	N/A	N/A	Y
9	teacherStudentDataLinkExclusion	1. This is optional, does not report	O	N/A	N/A	Y