DE Ed-Fi Suite v3.6.2, Data Standard v4.0: Student Section Associations

Table of Contents

Summary

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

Object Triggering Logic

Action	Business Rule(s)

Post	Reports a record when a student is scheduled into a section.
	- Do not report a record if the any of the following exclusions are present:
	- Enrollment State Exclude
	- Enrollment Grade Exclude from State Reporting
	- Course is inactive (Active is unchecked)
	- Course State Exclude
	- Course State Code is NULL
	- Calendar Exclude
	- School Exclude
	- A record will report for each unique term the student is rostered into.
	- The student must have an enrollment in the schedule structure where the student is scheduled to report a record.
Delete/Post Put	A DELETE / POST will be performed if the data element being altered is part of the resource's natural key. A PUT will be performed otherwise.
	- When the following information on the student's Roster is changed:
	- Start Date
	- End Date
	- When the following information on the Course or Section record is changed:
	- Homeroom Checkbox

Delete	• When the student is removed from the roster entirely.
	• When the student is now excluded in any way.
	• Delete any future records when the student is given a roster end date.
	• Delete any past records when the student's roster start date is changed.

Required Resources (Upstream)

The following resources must be sent prior to this resource:

- Students
- Student School Associations
- Sections

Dependent Resources (Downstream)

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

- N/A

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 Logic

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.

	Data Element Label	Business Rule(s)	Mandatory (M) Conditional (C) Optional (O)	Data Source GUI Path	Database Field	Uses Template Logic (✅ / ❌ / EXT)
1	**beginDate** (*date*)	*Month, day, and year of the student's entry or assignment to the section.* Reports the **Roster Start Date**. • If NULL, reports the **Term Start Date**. ✅ **CATs**	M	Section	Roster.startDate Term.startDate	✅
2	**sectionReference** (*reference*)	*A reference to the Sections resource associated with the Student Section Association being reported.* Reports the fields that are part of the Natural Key for the Sections resource. ✅ **CATs**	M	N/A	N/A	✅
3	**studentReference** (*reference*)	*A reference to the Students resource associated with the Student Section Association being reported.* Reports the fields that are part of the Natural Key for the Students resource. ✅ **CATs**	M	N/A	N/A	✅
4	attemptStatusDescriptor (*string*)	*An indication of the student's completion status for the section.* • Reports **D** (Dropped) when a student has an end date on the section roster that is prior to the last Term's End Date. • Reports **A** (Active) in all other situations. ✅ **CATs**	M	Section	Roster .endDate Term .endDate	❌

5	endDate (*date*)	*Month, day, and year of the withdrawal or exit of the student from the section.* Reports the **Roster End Date**. • If NULL, reports the **Term End Date**. ✓ CATs	C	Section	Roster .endDate Term .endDate	✅
6	homeroomIndicator (*boolean*)	*Indicates the section is the student's homeroom. Homeroom period may the convention for taking daily attendance.* • Report **True** if the Homeroom checkbox is checked on the Section or Course the student is associated to. • Report **False** in all other situations. ✓ CATs	M	Course Section	Course.homeroom Section.homeroomSection	✅
7	repeatIndentifierDescriptor	This is optional, does not report.	O	N/A	N/A	N/A
8	teacherStudentDataLinkExclusion	This is optional, does not report.	O	N/A	N/A	N/A

Appendix

Error loading the extension!