

WI Ed-Fi Suite 3 API v7.3 Data Standard v5.2: Student Section Associations

June
2025

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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 • Note: Report for state grade levels 6-12, unless specified differently • Report only if a Grading Task marked state reported and Exclude from Ed-Fi = unchecked with an Ed-Fi Grade Type = Final exists for the course/section OR if a Standard marked 'State Reported' and 'Final' exists for the course/section. ◦ Note: Report a record based on the Term Mask of the state reported Grading Task. • If Roster End Date is null, use the term mask to determine the term to report • If Roster End Date is not null, use the term the endDate falls within to report • If Ed-Fi Configuration Profile = Choice + Private Opt In or Choice Only, do not send any records • Report from any enrollment determining a record. If the student has multiple qualifying enrollments in the same school, report a record for each unique start date. • Do not send a record based on an enrollment that is marked as State Exclude, No Show, or WISE Exclude • Do not send a record based on an enrollment is in a calendar marked as State Exclude or Summer School • Report records only if the student's State Enrollment Type = Primary or Coursework Only
Put	When section information is updated for a student or section • Update when the course or section's homeroom field is changed • Update when a grade is added for a grading task mapped to an Ed-Fi Grade
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 If a student's State Enrollment type is changed from Primary or Coursework and saved
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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)	<i>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</i> 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)	<i>A reference to the related Section resource</i> 1. Reports the fields that are part of the Natural Key for the Section resource	M	N/A	N/A	Y
3	studentReference (reference)	<i>A reference to the related Student resource</i> 1. Reports the fields that are part of the Natural Key for the Student resource	M	N/A	N/A	Y

4	endDate (date)	<i>Month, day, and year of the withdrawal or exit of the student from the section.</i> 1. Report the roster end date for the student - If a roster end date is entered, delete any records for future terms for that section - If NULL, report the latest term end date associated with the term descriptor selected for this section based on section schedule placement	C	Roster	roster. endDate terms. endDate	Y
5	attemptStatusDescriptor (string)	<i>Use Insufficient when students stays enrolled but withdraws from course in a specified term OR when students exits enrollment so exits section. Performance grade is not expected as student did not stay long enough in the section.</i> <i>Use sufficient when students enrollment stays long enough in the section with in a specified term and performance grade is expected for this course.</i> 1. If the student is NOT in grade 9-12, report blank - Otherwise, if student is in grade 9-12, continue to determine value 2. If Attempt Status Override is populated on Section Student Detail, report the value selected. - Otherwise, if reported on Roster Batch Edit for student, report the value selected.	O	Grading Tasks	Calculated	N

		3. If the student exits the section and re-enrolls: - Report "Insufficient" on the earlier student section association with an End Date if the student does not have a grade for a Grading Task mapped to an Ed-Fi Grade Type. - Report "Sufficient" for the latest student section association record if the student has a grade for Grading Task mapped to an Ed-Fi Grade Type or is expected to receive a grade Note: In the case of multiple roster records for the student (exit, re-enroll, exit, etc), always report "I" for the first record. 4. If the student exits a section prior to the section end date and the section does not have a Grading Task mapped to an Ed-Fi Grade, report blank 5. If the student exits the section prior to the section end date - AND there is a Grading Task mapped to an Ed-Fi Grade, but the student does NOT have a grade for that Grading Task on the section, report "Insufficient" 6. If the student exits the section prior to the section end date - AND the student has a Grade for the Ed-Fi Mapped Grading task on the section - AND the Score for the student is mapped to an Ed-Fi Grade Type, report "Sufficient" - Otherwise, if the Score is NOT mapped to an Ed-Fi Grade Type, report "Insufficient" 7. If the student is on the roster through the section end date, report "Sufficient"				
6	programReference	Reference to related program resource	O	Programs	Calculated	N

1. If World Language is populated on Section Student Detail, report the associated programReference
 - a. If it is only populated on Section, report the associated programReference
 - b. Otherwise, report value from Course for the student, if populated
2. If the Dual Enrollment field is populated on Section Student Detail or Roster Batch Edit for the student, report the associated programReference
 - a. If the Dual Enrollment field is is only populated on the Section, report from the Section for the student
 - b. Otherwise, report the value selected on Course if populated.

3. If IRC/Certified Learning Method is populated on Section, report the associated programReference
 - a. Otherwise, report value from the Course for the student if populated
 - i. do not report if codes NONE, COOP, EMP or BUS are selected.
 - ii. **For config years 2021-22 to 2023-24**, report the following descriptors for the programTypeDescriptor Certified:
 1. State Co-op Ed. Skill Standards - DPI Occupational
 2. State Co-op Ed. Skill Standards - DPI Employability Skills
 3. IRC State Approved WTCS- Embedded Technical Diploma
 4. IRC State Approved WTCS- Technical Diploma
 5. IRC State Approved WTCS- Associates
 6. IRC State Approved Business & Industry
 7. IRC - Not State Approved
 8. Youth Apprenticeship
 9. State Co-op Youth Leadership Skills
 - iii. **For config years 2024-25 and later**, report the following descriptors for the programTypeDescriptor IRC:
 1. IRC State Approved WTCS- Embedded Technical Diploma
 2. IRC State Approved WTCS- Technical Diploma
 3. IRC State Approved WTCS- Associates
 4. IRC State Approved Business & Industry
 5. IRC - Not State Approved

4. If WBL/Non-Certified Learning Method is populated on Section, report the associated programReference
 - a. Otherwise, report value from the Course for the student if populated
 - i. Do not report if codes NONE or OTH are selected
 - ii. **For config years 2021-22 to 2023-24**, only report the following descriptors for the programTypeDescriptor Non Certified:
 1. Internship/Local Co-op
 2. Simulated Worksite
 3. Entrepreneurial Student Business
 4. School-based Enterprise
 5. Supervised Agricultural Experience
 - iii. **For config years 2024-25 and later**, report the following descriptors for the programTypeDescriptor WBL:
 1. State Co-op Ed. Skill Standards - DPI Employability Skills
 2. State Co-op Ed. Skill Standards - DPI Occupational
 3. State Co-op Ed. Skill Standards - DPI Youth Leadership
 4. Youth Apprenticeship
 5. Internship/Local Co-op
 6. Simulated Worksite
 7. Entrepreneurial Student Business
 8. School-based Enterprise
 9. Supervised Agricultural Experience
5. If multiple programs are tied to the same course, report each program.
6. If the student drops from the class without receiving a final, state reported grade, do NOT send the program reference.
 - a. If the student drops and then re-enrolls in the class, send the program reference, if data exists.

		7. If student drops from the class and receives a final, state reported grade, SEND the program reference, if data exists.				
7	homeroomIndicator (boolean)	<i>Indicates the section is the student's homeroom. Homeroom period may be the convention for taking daily attendance.</i> 1. If course or section has Homeroom = selected, report true a. Else report false	O	Course Section		N
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
10		1. This is optional, does not report	O	N/A	N/A	N