# VT Ed-Fi Suite 3 v7.1: Student Section Associations

November 2024

# VT Ed-Fi Suite 3 v7.1: Student Section Associations

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<br><br>• A record will report for each Section record that is reported based on the Sections logic<br>• If roster start date is after the term end date, do not report a record for the prior term<br>• 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<br>• Do not send records if the Calendar Exclude check box is checked<br>• Do not send records if the School Exclude check box is checked<br>• Do not send records if the Course is marked as Inactive |
| Put | When section information is updated for a student or section<br><br>• 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<br><br>Delete any future records if the student is given a roster end date for the course<br><br>• 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

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Dependent Resources (Downstream)

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

- Grades

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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 |
|---|---|
|  |  |

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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*<br><br>1. Report the roster start date for the term record in which the start date occurs<br>  a. For any records in the future terms for that course, use the earliest term start date<br>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<br><br>terms. startDate | Y |
| 2 | **sectionReference** *(reference)* | *A reference to the related Section resource*<br><br>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*<br><br>1. Reports the fields that are part of the Natural Key for the Student resource | M | N/A | N/A | Y |

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| 4 | endDate<br><br>*(date)* | *Month, day, and year of the withdrawal or exit of the student from the section.*<br><br>1. Report the roster end date for the student<br>    a. If a roster end date is entered, delete any records for future terms for that section<br>    b. 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.<br>endDate<br><br>terms.<br>endDate | Y |

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| 5 | attemptStatusDescriptor<br><br>*(string)* | 1. Report Code, **Enrolled**<br>   a. Course Section has not ended and student is still enrolled in course<br>2. Report Code, **Withdrawn**<br>   a. Course Section has not ended and student is not enrolled in course. Would also report if Course Letter Mark is equal to one of the following:<br>     i. 30: Withdrawn<br>     ii. 31: Withdrawn - Pass<br>     iii. 32: Withdrawn - Fail<br>3. Report Code, **Completed**<br>   a. Course Section has ended and student has received a Letter Mark Grade ➕ or a Final Grade, excluding the following codes:<br>     i. 30: Withdrawn<br>     ii. 31: Withdrawn - Pass<br>     iii. 32: Withdrawn - Fail<br>     iv. 40: Incomplete<br>     v. 50: Excused<br>4. Report Code, **Incomplete**<br>   a. Report if Course Letter Mark is equal to Code 40. ➕ Or Course Section has ended and no grade is posted.<br>5. Report Code, **Excused**<br>   a. Report if Course Letter Mark is equal to Code 50. | M | Grading Tasks | Calculated | N |
| 6 | repeatIdentifierType | 1. This is optional, does not report | O | N/A | N/A | Y |
| 7 | teacherStudentDataLinkExclusion | 1. This is optional, does not report | O | N/A | N/A | Y |

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| 8 | homeroomIndicator | 1. This is optional, does not report | O | N/A | N/A | N |
|---|---|---|---|---|---|---|

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