

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

November  
2024

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

### Summary

This educational entity represents the organization of subject matter and related learning experiences provided for the instruction of students on a regular or systematic basis.

### Object Triggering

**DUAL\_ENR** (program reference: <uri://vermont.ed.gov/ProgramTypeDescriptor#Dual> Enrollment)

Action	Trigger
Post	When an enrollment is saved with Dual Enrollment = selected <ul style="list-style-type: none"> <li>Do not send a record if enrollment is in a calendar marked as Exclude</li> <li>Do not send a record if enrollment is in a school marked as Exclude</li> <li>Do not send a record if enrollment is marked as No Show or State Exclude</li> </ul>
Put	When the student is given an End Date on an enrollment
Delete/Post	When part of the records Natural Key changes
Delete	When an Enrollment is deleted or when the record no longer overlaps the configured year

**EST** (program reference: <uri://vermont.ed.gov/ProgramTypeDescriptor#EST>)

Action	Trigger
Post	When an enrollment is saved with ESS = selected <ul style="list-style-type: none"> <li>Do not send a record if enrollment is in a calendar marked as Exclude</li> <li>Do not send a record if enrollment is in a school marked as Exclude</li> <li>Do not send a record if enrollment is marked as No Show or State Exclude</li> </ul>

Put	When the student is given an End Date on an enrollment
Delete/Post	When part of the records Natural Key changes
Delete	When an Enrollment is deleted or when the record no longer overlaps the configured year

**SS504** (program reference: <uri://ed-fi.org/ProgramTypeDescriptor#Section 504 Placement>)

Action	Trigger
Post	When an enrollment is saved with Section 504 = selected <ul style="list-style-type: none"> <li>Do not send a record if enrollment is in a calendar marked as Exclude</li> <li>Do not send a record if enrollment is in a school marked as Exclude</li> <li>Do not send a record if enrollment is marked as No Show or State Exclude</li> </ul>
Put	When the student is given an End Date on an enrollment
Delete/Post	When part of the records Natural Key changes
Delete	When an Enrollment is deleted or when the record no longer overlaps the configured year

**PKID** (program reference: <uri://ed-fi.org/ProgramTypeDescriptor#Universal PreK>)

Action	Trigger
Post	When an enrollment is saved with PKID = NOT NULL and mapped to an Ed-Fi Code <ul style="list-style-type: none"> <li>Do not send a record if enrollment is in a calendar marked as Exclude</li> <li>Do not send a record if enrollment is in a school marked as Exclude</li> <li>Do not send a record if enrollment is marked as No Show or State Exclude</li> </ul>
Put	When the student is given an End Date on an enrollment

Delete/Post	When part of the records Natural Key changes
Delete	When an Enrollment is deleted or when the record no longer overlaps the configured year

**Tuitioned Student** (program reference: [uri://ed-fi.org/ProgramTypeDescriptor#Tuitioned Student \(DC5\)](uri://ed-fi.org/ProgramTypeDescriptor#Tuitioned Student (DC5)))

Action	Trigger
Post	When an enrollment is saved with Tuition Student selected <ul style="list-style-type: none"> <li>Do not send a record if enrollment is in a calendar marked as Exclude</li> <li>Do not send a record if enrollment is in a school marked as Exclude</li> <li>Do not send a record if enrollment is marked as No Show or State Exclude</li> </ul>
Put	When the student is given an End Date on an enrollment
Delete/Post	When part of the records Natural Key changes
Delete	When an Enrollment is deleted or when the record no longer overlaps the configured year

**Homestudy** (program reference: <uri://ed-fi.org/ProgramTypeDescriptor#Homestudy>)

Action	Trigger
Post	When a student is added to a program that has a Code = HS and State Reported = selected
Put	When the student is given an End Date
Delete/Post	When part of the records Natural Key changes
Delete	When a Program is deleted or when the record no longer overlaps the configured year

**Early College** (program reference: <uri://ed-fi.org/ProgramTypeDescriptor#Early College>)

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

Post	When a student is added to a program that has a Code = EC and State Reported = selected
Put	When the student is given an End Date
Delete/Post	When part of the records Natural Key changes
Delete	When a Program is deleted or when the record no longer overlaps the configured year

Required Resources (Upstream)

The following resources must be sent prior to this resource:

- Students
- Programs

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

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.

	<b>Data Element Label</b>	<b>Business Rule(s)</b>	<b>Mandatory/ Conditional/ Optional</b>	<b>Tool Path</b>	<b>Database Field</b>	<b>Uses Core Template Rules  (Y/N/EXT)</b>
1	<b>beginDate</b> <i>(date-time)</i>	<p><i>The month, day, and year on which the Student first received services.</i></p> <hr/> <p>1. <b>DUAL_ENR, EST, SS504, PKID, Tuitioned Student</b> a. Report enrollment Start Date. 2. <b>Homestudy, Early College</b> a. Report program Start Date</p>	M	Enrollment  Program Participation		N
2	<b>educationOrganizationReference</b> <i>(reference)</i>	<p><i>The education organization where the student is participating in or receiving the program services</i></p> <hr/> <p>1. Reports the District Number</p>	M	N/A	N/A	Y

3	<p><b>programReference</b> <i>(reference)</i></p>	<p><i>A reference to the Program Resource</i></p> <hr/> <ol style="list-style-type: none"> <li>1. <b>DUAL_ENR</b> (program reference: <a href="uri://vermont.ed.gov/ProgramTypeDescriptor#DualEnrollment">uri://vermont.ed.gov/ProgramTypeDescriptor#Dual Enrollment</a>)</li> <li>2. <b>EST</b> (program reference: <a href="uri://vermont.ed.gov/ProgramTypeDescriptor#EST">uri://vermont.ed.gov/ProgramTypeDescriptor#EST</a>)</li> <li>3. <b>SS504</b> (program reference: <a href="uri://ed-fi.org/ProgramTypeDescriptor#Section504Placement">uri://ed-fi.org/ProgramTypeDescriptor#Section 504 Placement</a>)</li> <li>4. <b>PKID</b> (program reference: <a href="uri://ed-fi.org/ProgramTypeDescriptor#UniversalPreK">uri://ed-fi.org/ProgramTypeDescriptor#Universal PreK</a>)</li> <li>5. <b>Tuitioned Student</b> (program reference: <a href="uri://ed-fi.org/ProgramTypeDescriptor#TuitionedStudentDC5">uri://ed-fi.org/ProgramTypeDescriptor# Tuitioned Student (DC5)</a>)</li> <li>6. <b>Homestudy</b> (program reference: <a href="uri://ed-fi.org/ProgramTypeDescriptor#Homestudy">uri://ed-fi.org/ProgramTypeDescriptor#Homestudy</a>)</li> <li>7. <b>Early College</b> (program reference: <a href="uri://ed-fi.org/ProgramTypeDescriptor#EarlyCollege">uri://ed-fi.org/ProgramTypeDescriptor#Early College</a>)</li> </ol>	M	N/A	N/A	N
4	<p><b>studentReference</b> <i>(reference)</i></p>	<p><i>A unique alpha-numeric code assigned to a student</i></p> <hr/> <ol style="list-style-type: none"> <li>1. Reports the Natural Key for the Student resource</li> </ol>	M	N/A	N/A	Y



5	endDate (date-time)	<p><i>The month, day, and year on which the student exited the program or stopped receiving services.</i></p> <hr/> <p>1. <b>DUAL_ENR, EST, SS504, PKID, Tuitioned Student</b>  a. Report enrollment End Date.  i. If more than one enrollment is found, report latest enrollment where checkbox is selected.  ii. If all End Dates = NULL, report calendar End Date</p> <p>2. <b>Homestudy, Early College</b>  a. Report program End Date.</p>	C	Enrollment  Program Participation		N
6	programParticipationStatuses	<p><i>The student's program participation status.</i></p> <hr/> <p>1. See array for field specific logic</p>				N
7	servedOutsideRegularSession	<p>1. This is optional, does not report</p>	O	N/A	N/A	Y
8	reasonExitedDescriptor	<p>1. This is optional, does not report</p>	O	N/A	N/A	Y

Arrays

Program Participation Statuses (PKID Program Only)

Data Element Label	Business Rule(s)	Mandatory/ Conditional/ Optional	Tool Path	Database Field	Uses Core Template Rules (Y/N/EXT)
<b>statusBeginDate</b>  <i>(date-time)</i>	<i>The month, day, and year on which the Student first received services.</i>  <hr/> <b>PKID Program Only</b>  1. Report enrollment Start Date.	M	Enrollment		N
<b>participationStatusDescriptor</b>  <i>(string)</i>	The student's program participation status.  <hr/> <b>PKID Program Only</b>  1. Report PKID  <hr/> "namespace": "uri://vermont.ed.gov /ParticipationStatusDescriptor"	M	Enrollment		N

statusEndDate <i>(date-time)</i>	<b>PKID Program Only</b>  1. Report enrollment End Date. a. If more than one enrollment is found, report latest enrollment where checkbox is selected. b. If all End Dates = NULL, report calendar End Date	C	Enrollment		N
designatedBy	1. This is optional, does not report	O	N/A	N/A	N

Services

Data Element Label	Business Rule(s)	Mandatory/Conditional/Optional	Tool Path	Database Field	Uses Core Template Rules (Y/N/EXT)
serviceDescriptor <i>(date-time)</i>	<i>The month, day, and year on which the Student first received services.</i> <hr/> <b>PKID Program Only</b> 1. Always report 'PreK Service' <hr/> "namespace": "uri://vermont.ed.gov/ServiceDescriptor"	M	Enrollment		N
primaryIndicator	1. This is optional, does not report	O	N/A	N/A	N

serviceBeginDate	1. This is optional, does not report	O	N/A	N/A	N
serviceEndDate	1. This is optional, does not report	O	N/A	N/A	N