

Student CTE Program Associations (Missouri v3.6)

Last Modified on 05/14/2024 2:10 pm CDT

[Object Triggering Logic](#) | [School Exclude, Calendar Exclude, Resource Toggle and Resync Logic](#) | [Natural Key Changes, Cascading Updates, and Deletes Logic](#) | [Scope Year Logic](#) | [Resource Preferences](#) | [Event Queue Detail](#) | [Object Data Elements](#) | [Arrays](#) | [Descriptors](#)

Tool Search: Ed-Fi

This association represents the career and technical education (CTE) program that a student participates in. The association is an extension of the StudentProgramAssociation particular for CTE programs.

Object Triggering Logic

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	<p>When an the student has a Career Tech Program record that overlaps the configured year and the student has an enrollment in the configured year.</p> <ul style="list-style-type: none"> Does not send records when the Career Cluster field is blank. Does not send records when the CTE Program Type field is blank. Does not send records when the Calendar Exclude checkbox is marked in the calendar the student is enrolled. Does not send records when the School Exclude checkbox is marked in the calendar the student is enrolled. Does not send a record when the No Show checkbox is marked.
Delete/Post	<p>When any part of the natural key is changed:</p> <ul style="list-style-type: none"> Student Ed-Fi ID Start Date CTE Program Type Career Cluster
Delete	When the Career Program Type or Career Cluster record is deleted.
Delete	When the Enrollment Start/End Dates are changes and the record no longer overlaps the configured year.

School Exclude, Calendar Exclude, Resource Toggle and Resync Logic

This table describes the School Exclude, Calendar Exclude, Resource Toggle and Resync logic of this object.

Action	Trigger
None	When a resource is toggled to off after data has sent, all sent data remains in the ODS but no new data sends.
Resync	When a record is in the Ed-Fi Identity Mapping table and not in the ODS, it is deleted from the Ed-Fi Identity Mapping table.
Resync	When a record is in the ODS and it does not have a matching record in Campus or the Ed-Fi Identity Mapping table, it is deleted from the ODS.
Resync	When a mapping is changed in Resource Preferences, a resync needs to be done to reflect the changes.

Natural Key Changes, Cascading Updates, and Deletes Logic

This table describes the Natural Key Changes/Cascading Updates and Deletes logic of this object.

Action	Trigger
Post/Delete	Natural Key changes: <ul style="list-style-type: none"> • LEA Reference - District Numbers cannot change after data has been sent. When a district number changes, an Ed-Fi error occurs and this change is not supported. • When an Ed-Fi ID changes, a delete/post occurs with the cascading deletes from the Ed-Fi ID Change triggers. • Start Date - when the start date of the record changes, the record will delete then repost with new date.
Delete	Cascading Deletes: N/A - no dependent resources.

Scope Year Logic

This table describes scope year logic of this object.

Logic
The record will send to and year that the student's Career Tech record overlaps with.
Data will only send for the years that have valid configuration.

Resource Preferences

Data Element Label	Mapping Needed
Career Tech Pathway/Program Name	careerPathwayDescriptor
Student Status	cteProgramCompletionIndicator
Select the Program Type Descriptor associated with this Program	Program Type Descriptor
Student's Career Tech Program Certifications Status is = Passing Student's Career Tech Program Certifications Status is = Attempted Student does not have a Career Tech Program Certifications record	Technical Skills Assessment Descriptors

Event Queue Detail

This table describes the Event Queue Detail of this object.

Campus Table	Ed-Fi Action	Fields
programs	Put	The primary table for sending data for this resource.
programparticipation	Put	The primary table for sending data for this resource.

Object Data Elements

Data Element Labels in bold are part of the Natural Key and are required data elements for Data to send to Ed-Fi.

Data Element Label	Business Requirement	M, C or O	Data Source GUI Path
id	The unique identifier of the resource.	M	
beginDate	The month, day, and year on which the Student first received services. Reports the start date of the Enrollment.	M	Student Information > Enrollments > Start Date Enrollment.startDate
educationOrganizationReference	A reference to the related Education Organization Resource. Reports the fields that are part of the Natural Key for the Local Education Agency resource where the educationOrganizationId is the State District Number.	M	District Information > State District Number
programReference	A reference related to the Program resource. Reports the fields that are part of the Natural Key for the Programs resource. <ul style="list-style-type: none"> educationOrganizationId = State District Number programName = CTE Program Type programTypeDescriptor = Career and Technical Education 	M	Enrollments > State Reporting Fields > Career Cluster Enrollments > State Reporting Fields > CTE Program Type
studentReference	A reference to the related Student resource. Reports the fields that are part of the Natural Key for the Students resource where the studentUniqueld is the Student State ID.	M	
cteProgramServices	An unordered collection of studentCTEProgramAssociationCTEProgramServices. Indicates the Service(s) being provided to the Student by the CTE Program.	O	

Arrays

[▶ Click here to expand...](#)

Descriptors

[▶ Click here to expand...](#)