

NM Ed-Fi Suite v3.5.4, Data Standard v3.3.1-b: Student CTE Program Associations

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Summary

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

CTE Programs are assigned to students in **Academic Programs**.

Action	Business Rule(s)
Post	<p>Report a record when a student has a CTE record that overlaps an Enrollment and the configured school year.</p> <ul style="list-style-type: none"> • Do not report a record if the any of the following exclusions are present: <ul style="list-style-type: none"> ○ Enrollment State Exclude ○ Enrollment No Show ○ Enrollment Grade Exclude from State Reporting ○ Calendar Exclude ○ Calendar Summer School ○ School Exclude

<p>Delete /Post</p> <p>Put</p>	<p>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.</p> <ul style="list-style-type: none"> • When the following information on the student's associated CTE record is changed: <ul style="list-style-type: none"> ○ CTE Record ID (New CTE record) ○ Program ○ Start Date ○ End Date ○ Student Status • When the following Enrollment information changes: <ul style="list-style-type: none"> ○ Enrollment ID (New Enrollment) ○ Start Date ○ End Date ○ No Show ○ State Exclude
<p>Delete</p>	<ul style="list-style-type: none"> • When the enrollment being reported off of is deleted. • When the enrollment is changed to no longer overlap the configured year. • When the student is excluded through their enrollment, calendar, grade level, or school. • When the CTE record being reported off of is deleted. • When the CTE record is changed to no longer overlap the configured year.

Required Resources (Upstream)

The following resources must be sent prior to this resource:

- Local Education Agencies (Pre-populated)
- Programs (Pre-populated)
- Students

Dependent Resources (Downstream)

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

- Student CTE Program Association Credentials

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)	<p><i>The earliest date the student is involved with the program. Typically, this is the date the student becomes eligible for the program.</i></p> <hr/> <p>Reports EndYear-06-30.</p> <ul style="list-style-type: none"> EndYear is the End Year of the associated calendar for the student's enrollment. 	M	N/A	N/A	✗
2	educationOrganizationReference (reference)	<p><i>A reference to the Schools record associated with the Student CTE Program Association being reported.</i></p> <hr/> <p>Reports the fields that are part of the Natural Key for the Schools resource.</p> <ul style="list-style-type: none"> educationOrganizationId = Ed-Fi School ID 	M	School Information	School .entityID	✗

3	programReference (<i>reference</i>)	<p><i>A reference to the Programs record associated with the Student CTE Program Association being reported.</i></p> <hr/> <p>Reports the fields that are part of the Natural Key for the Programs resource.</p> <ul style="list-style-type: none"> • educationOrganizationId = Ed-Fi District Number • programName = Career and Technical Education (Hard-Coded) • programTypeDescriptor = Career and Technical Education (Hard-Coded) 	M	N/A	N/A	
4	studentReference (<i>reference</i>)	<p><i>A reference to the Students record associated with the Student CTE Program Association being reported.</i></p> <hr/> <p>Reports the fields that are part of the Natural Key for the Students resource.</p>	M	N/A	N/A	

5	ctePrograms (array)	<p><i>An unordered collection of studentCTEProgram AssociationCTEPrograms. The career cluster representing the career path of the Vocational/Career Tech concentrator.</i></p> <hr/> <p>Reports the below fields in an array:</p> <ul style="list-style-type: none"> • careerPathwayDescriptor <ul style="list-style-type: none"> ◦ Reports the Ed-Fi Code mapped to the value selected for Cluster that is connected to the Career Tech Program Name. • cipCode <ul style="list-style-type: none"> ◦ Reports 0. • The following data elements do not send: <ul style="list-style-type: none"> ◦ cteProgramCompletionIndicator ◦ primaryCTEProgramIndicator 	M	Academic Programs	<p>ProgramParticipation .programID</p> <p>Program .cluster</p>	
6	cteProgramServices	This is optional, does not report.	O	N/A	N/A	N/A
7	endDate	This is optional, does not report.	O	N/A	N/A	N/A
8	nonTraditionalGenderStatus	This is optional, does not report.	O	N/A	N/A	N/A
9	participationStatus	This is optional, does not report.	O	N/A	N/A	N/A
10	privateCTEProgram	This is optional, does not report.	O	N/A	N/A	N/A
11	programParticipationStatuses	This is optional, does not report.	O	N/A	N/A	N/A
12	reasonExitedDescriptor	This is optional, does not report.	O	N/A	N/A	N/A
13	servedOutsideOfRegularSession	This is optional, does not report.	O	N/A	N/A	N/A
14	services	This is optional, does not report.	O	N/A	N/A	N/A

15	technicalSkillsAssessmentDescriptor	This is optional, does not report.	O	N/A	N/A	N/A
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Appendix