

# **TX Ed-Fi Suite 3 v7.1: Student Program Attendance Events**

November  
2024

# TX Ed-Fi Suite 3 v7.1: Student Program Attendance Events

## Summary

This event entity represents the recording of whether a student is in attendance for a school day.

---

## Object Triggering

Action	Business Rule(s)
--------	------------------

Post	<p>When a student is in a reportable program and has an attendance event mapped to an Ed-Fi Code = '1' on the Attendance Snapshot Time</p> <ul style="list-style-type: none"> <li>• Day must be marked for Instruction</li> <li>• Student has an ADA Eligibility of 1/2/3/4/5/6</li> <li>• Do not send records if the Calendar Exclude check box is checked in the calendar the student is enrolled</li> <li>• Do not send records if the School Exclude check box is checked in the calendar the student is enrolled</li> <li>• Do not send a record if the No Show check box is checked</li> </ul> <p><b>Bilingual</b></p> <ul style="list-style-type: none"> <li>• EL Program Status of EL</li> <li>• Active EL Service with EL Service Type mapped to Ed-Fi Code of B2, B3, B4, B5,</li> </ul> <p><b>ESL</b></p> <ul style="list-style-type: none"> <li>• EL Service Type mapped to Ed-Fi Code of E2, or E3</li> </ul> <p><b>CTE</b></p> <ul style="list-style-type: none"> <li>• Enrolled in a CTE course with CATE Contact Hours = NOT NULL and Course Type = 04: CTE</li> </ul> <p><b>Special Ed</b></p> <ul style="list-style-type: none"> <li>• Has an active and locked IEP</li> </ul> <p><b>Title I Part A</b></p> <ul style="list-style-type: none"> <li>• Has an active Title 1 record with Title 1 Program mapped to Ed-Fi Code of 7, 9, or A</li> </ul>
Put	N/A
Delete/Post	When attendance is changed for a student on a given day
Delete	When attendance is changed or removed to no longer meet attendance reporting thresholds

Required Resources (Upstream)

The following resources must be sent prior to this resource:

- Programs
- Students

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>attendanceEventCategoryDescriptor</b> (string)	<p>A code describing the attendance event, for example: Present Unexcused absence Excused absence Tardy.</p> <hr/> <p>1. Always report '1'</p> <hr/> <p>"namespace": "uri://tea.texas.gov /AttendanceEventCategoryDescriptor"</p>	M	Calculated	Calculated	N
2	<b>eventDate</b> (date)	<p>Date for this attendance event.</p> <hr/> <p>1. Enter the date for the attendance record being reported</p>	M	Attendance	attendance.date	N

3	<b>educationOrganizationReference</b>  <i>(reference)</i>	<i>A reference to the related School resource</i>  <hr/> 1. Reports the fields that are part of the Natural Key for the School resource	M	N/A	N/A	N												
4	<b>programReference</b>  <i>(reference)</i>	<i>A reference to the related Session resource</i>  1. Reports the fields that are part of the Natural Key for the Programs resource 2. <table border="1" data-bbox="792 555 1346 948"> <thead> <tr> <th>Code</th> <th>Short Description</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>Bilingual</td> </tr> <tr> <td>5</td> <td>Career and Technical Education</td> </tr> <tr> <td>12</td> <td>English as a Second Language (ESL)</td> </tr> <tr> <td>33</td> <td>Special Education</td> </tr> <tr> <td>38</td> <td>Title I Part A</td> </tr> </tbody> </table>	Code	Short Description	4	Bilingual	5	Career and Technical Education	12	English as a Second Language (ESL)	33	Special Education	38	Title I Part A	M	N/A	N/A	N
Code	Short Description																	
4	Bilingual																	
5	Career and Technical Education																	
12	English as a Second Language (ESL)																	
33	Special Education																	
38	Title I Part A																	
5	<b>studentReference</b>  <i>(reference)</i>	<i>A reference to the related Student resource</i>  <hr/> 1. Reports the fields that are part of the Natural Key for the Student resource	M	N/A	N/A	N												

6	programAttendanceDuration (number)	<p><i>Is the duration in minutes of the attendance event. Each teacher or special education service provider must record the actual number of contact hours the student was served in class each day in 30- minute increments. Increments of fewer than 30 minutes are not counted. (E3046)</i></p> <hr/> <p>1. Does not report.</p>	C	N/A	N/A	N
7	instructionalSettingDescriptor (string)	<p><i>Identifies the setting used in providing instruction to students. (E0173)</i></p> <hr/> <p>1. Report mapped Ed-Fi Code from Special Ed Setting of the IEP.                      a. Only reported for Program = 33: Special Education</p>	C	IEP		N
8	attendanceEventReason	<p>1. This is optional, does not report</p>	O	N/A	N/A	N
9	educationalEnvironmentDescriptor	<p>1. This is optional, does not report</p>	O	N/A	N/A	N
10	eventDuration	<p>1. This is optional, does not report</p>	O	N/A	N/A	N

## Appendix

### Attendance Calculation

	<b>Logic for counting days of absence:</b>
1	There is an "Attendance Snapshot Time" designated in System Admin > Calendar > Calendar for each School.
2	Students who are marked absent in the period that contains the snapshot time are considered absent for the day.
3	Students who are marked present in the period that contains the snapshot time are considered present for the day.
4	Attendance marks in any other period do not count.