

DE Ed-Fi Suite v3.6.2, Data Standard v4.0: Student Academic Records

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Summary

This educational entity represents the cumulative record of academic achievement for a student.

Object Triggering Logic

Action	Business Rule(s)
Post	<p>Report a record for each unique Ed-Fi termDescriptor in the current configuration year in which the student has a transcript record.</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 ○ School Exclude ○ Transcript's Score is NULL • The transcript can be posted through the Transcript Post tool or manually. • When the Ed-Fi termDescriptor cannot be determined on a Transcript record, provide an error with the following message: "Could not identify a valid term type for transcript record."

<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 a transcript record is changed: <ul style="list-style-type: none"> ○ Transcript ID (New Transcript Entry) ○ Attempted Credits ○ Earned Credits ○ Ed-Fi Term Type • When the following information is changed on a Course Master: <ul style="list-style-type: none"> ○ State Code ○ Number ○ Active status • When the following information on an Enrollment is changed: <ul style="list-style-type: none"> ○ State Exclude ○ No Show • When the following information on Graduation is changed: <ul style="list-style-type: none"> ○ Diploma Date
<p>Delete</p>	<ul style="list-style-type: none"> • When all transcript records related to the termDescriptor being reported are deleted. • When all of the reportable enrollments for the student are deleted or excluded.

Required Resources (Upstream)

The following resources must be sent prior to this resource:

- Local Education Agencies (Pre-Populated)
- Students

Dependent Resources (Downstream)

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

- Course Transcripts

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	termDescriptor (<i>string</i>)	<i>The term for the session during the school year.</i>	M	N/A	N/A	✗

- When reporting Transcript records posted using the Transcript Post tool (have an associated scoreID):
 - Report the Ed-Fi Code mapped to the value selected for **Ed-Fi Term Type** on the transcript entry.
 - If Transcript Ed-Fi Term Type is NULL, report the Ed-Fi Code mapped to the value selected for the Section **Ed-Fi Term Descriptor Override** (Sessions Resource Preferences override mapping).
 - If Section Ed-Fi Term Descriptor Override is NULL, report the Ed-Fi Code mapped to the value selected for the Course **Ed-Fi Term Descriptor Override** (Sessions Resource Preferences override mapping).
 - If the Course Ed-Fi Term Descriptor Override is NULL, report the Ed-Fi Code mapped to the Term the course is being offered in (Sessions Resource Preferences main mapping).
 - If the Ed-Fi Code cannot be determined for the Term, report the Ed-Fi Code mapped to the **Ed-Fi Transcript Term Override** (Student Academic Records Resource Preferences).
 - If no Ed-Fi Code can be determined, provide the error: "Could not identify a valid term type for transcript record."

		<ul style="list-style-type: none"> When reporting Transcript records that are manually added (no scoreID): <ul style="list-style-type: none"> Report the Ed-Fi Code mapped to the value selected for Ed-Fi Term Type on the transcript record. If the transcript Ed-Fi Term Type is NULL, report the Ed-Fi Code mapped to the Ed-Fi Transcript Term Override (Student Academic Records Resource Preferences). If no Ed-Fi Code can be determined, provide the error: "Could not identify a valid term type for transcript record." 				
2	educationOrganizationReference (reference)	<p><i>A reference to the Local Education Agencies resource associated with the Student Academic Record being reported.</i></p> <hr/> <p>Reports the fields that are part of the Natural Key for the Local Education Agencies resource.</p> <ul style="list-style-type: none"> educationOrganizationId = Ed-Fi District Number 	M	N/A	N/A	✓
3	schoolYearTypeReference (reference)	<p><i>A reference to the School Years resource associated with the Student Academic Record being reported.</i></p> <hr/> <p>Reports the End Year of the associated School Year selected.</p>	M	N/A	N/A	✓

4	studentReference (<i>reference</i>)	<p><i>A reference to the Students resource associated with the Student Academic Record 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	cumulativeAttemptedCredits (<i>number</i>)	<p><i>The value of credits or units of value awarded for the completion of a course.</i></p> <hr/> <p>Reports the total number of Credits Attempted for all time.</p> <ul style="list-style-type: none"> • Reports 0 if the student does not have any Credits Attempted. 	M	Transcript	TranscriptCredit.creditsAttempted	✘
6	cumulativeEarnedCredits (<i>number</i>)	<p><i>The value of credits or units of value awarded for the completion of a course.</i></p> <hr/> <p>Reports the total number of Credits Earned for all time.</p> <ul style="list-style-type: none"> • Reports 0 if the student does not have any Credits Earned. 	M	Transcript	TranscriptCredit.creditsEarned	✘

7	sessionAttemptedCredits (<i>number</i>)	<p><i>The value of credits or units of value awarded for the completion of a course.</i></p> <hr/> <p>Reports the total number of Credits Attempted for the session (term) reporting.</p> <ul style="list-style-type: none"> • Reports 0 if the student does not have any Credits Attempted. 	M	Transcript	TranscriptCredit.creditsAttempted	✘
8	sessionEarnedCredits (<i>number</i>)	<p><i>The value of credits or units of value awarded for the completion of a course.</i></p> <hr/> <p>Reports the total number of Credits Earned for the session (term) reporting.</p> <ul style="list-style-type: none"> • Reports 0 if the student does not have any Credits Earned. 	M	Transcript	TranscriptCredit.creditsEarned	✘
9	projectedGraduationDate (<i>date</i>)	<p><i>The month and year the student is projected to graduate.</i></p> <hr/> <p>Reports the Diploma Date.</p> <ul style="list-style-type: none"> • Does not report if NULL. 	M	Graduation	Graduation.diplomaDate	✘
10	academicHonors	This is optional, does not report.	O	N/A	N/A	N/A
11	classRanking	This is optional, does not report.	O	N/A	N/A	N/A
12	cumulativeAttemptedCreditConversion	This is optional, does not report.	O	N/A	N/A	N/A
13	cumulativeAttemptedCreditTypeDescriptor	This is optional, does not report.	O	N/A	N/A	N/A
14	cumulativeEarnedCreditConversion	This is optional, does not report.	O	N/A	N/A	N/A

15	cumulativeEarnedCreditTypeDescriptor	This is optional, does not report.	O	N/A	N/A	N/A
16	cumulativeGradePointAverage	This is optional, does not report.	O	N/A	N/A	N/A
17	cumulativeGradePointsEarned	This is optional, does not report.	O	N/A	N/A	N/A
18	diplomas	This is optional, does not report.	O	N/A	N/A	N/A
19	gradePointAverages	This is optional, does not report.	O	N/A	N/A	N/A
20	gradeValueQualifier	This is optional, does not report.	O	N/A	N/A	N/A
21	recognitions	This is optional, does not report.	O	N/A	N/A	N/A
22	reportCards	This is optional, does not report.	O	N/A	N/A	N/A
23	sessionAttemptedCreditConversion	This is optional, does not report.	O	N/A	N/A	N/A
24	sessionAttemptedCreditTypeDescriptor	This is optional, does not report.	O	N/A	N/A	N/A
25	sessionEarnedCreditConversion	This is optional, does not report.	O	N/A	N/A	N/A
26	sessionEarnedCreditTypeDescriptor	This is optional, does not report.	O	N/A	N/A	N/A
27	sessionGradePointAverage	This is optional, does not report.	O	N/A	N/A	N/A
28	sessionGradePointsEarned	This is optional, does not report.	O	N/A	N/A	N/A

Appendix