

TN Ed-Fi Suite 3 API v6.2 Data Standard v4.0: Student Academic Records

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TN Ed-Fi Suite 3 API v6.2 Data Standard v4.0: Student Academic Records

Summary

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

Object Triggering

Action	Business Rule(s)
Post	<p>Report a Student Academic Record instance for each school year in which the student has a transcript record and they have a Student School Association record for the configured year</p> <ul style="list-style-type: none">• If Term Type cannot be determined on a Transcript record, provide an error with the following message, "Could not identify a valid term type for transcript record"• We will post to update the Cumulative Earned Credits and Cumulative Attempted Credits fields when the Attempted and Earned Credit fields are updated or a new transcript record is added added/deleted with an Attempted/Earned Credit Value that is not null and is greater than 0• Do not send a record if the transcript's score is null
Put	<p>When a student is given a Diploma Date and Diploma Type</p> <ul style="list-style-type: none">• If the student already has SAR records from posted Transcript records, update the existing record with the Diploma information• If all of the student's transcript records are deleted, a new SAR will post from the Diploma Record• If the student does not have any SAR records from posted Transcript records, create 1 SAR record to report the Diploma information• If the Term Descriptor cannot be determined, provide an error with the following message, "Could not identify a valid term type for diploma record"• If the Diploma date and/or Diploma Type fields are made NULL, the SAR record will delete
Delete /Post	

Delete	<p>When records are posted from course transcript records and no Diploma information exists, all Student Academic Records will only delete when a student has only 1 Student School Association record for a specific Year and all Student School Association records are deleted</p> <p>When a Graduation record is deleted and the student does not have any transcript records that would create a Student Academic Record</p> <p>When the Diploma Date is changed to no longer occur in the configured year and the student does not have any transcript records that would create a Student Academic Record</p>
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Required Resources (Upstream)

The following resources must be sent prior to this resource:

- 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

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.

	Data Element Label	Business Rule(s)	Mandatory/ Conditional/ Optional	Tool Path	Database Field	Uses Core Template Rules (Y/N/EXT)
1	termDescriptor (string)	<i>The term for the session during the school year</i> <hr/> 1.	M	Transcript	Calculated	Y

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| | | <p>a. When reporting Transcript records with an end year that is equal to the configured year and are posted from a course and have a scoreID:</p> <ul style="list-style-type: none">i. Report the mapped Ed-Fi code for the value selected in "Ed-Fi Transcript Term Override" field on the transcript.ii. If Ed-Fi Transcript Term Override is NULL, report the mapped Term Descriptor based on the Course Ed-Fi Term Descriptor Override, else Section Ed-Fi Term Descriptor Override.iii. When the Ed-Fi Transcript Term Override field and the Ed-Fi Term Descriptor Override on both the Course Term and the Section Term Override fields are Null, report the Term Descriptor for the term aligned to the Grading Score for the posted Gradeiv. Else, report the Ed-Fi Code from the Ed-Fi Transcript Term Descriptor Override in the SAR preferences.v. If a Term cannot be determined, provide error | | | | |
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| | | <p>b. When reporting Transcript records with an end year that is not equal to the configured year and are posted from a course and have a scoreID:</p> <ul style="list-style-type: none">i. Report the mapped Ed-Fi code for the value selected in "Ed-Fi Transcript Term Override" field on the transcript.ii. If the Ed-Fi Transcript Term Override field is NULL, look at the sequence from the term the score ID is aligned to in the year the record was posted. Then report the Term Descriptor from the term with the same sequence in the configured year in the same school.<ul style="list-style-type: none">1. Use Primary Term schedule if there is more than 1 Term Schedule.2. If more than 1 primary Term Schedule, pick the highest TermIDiii. Else, report the Ed-Fi Code from the Ed-Fi Transcript Term Descriptor Override in the SAR preferences.iv. If a Term cannot be determined, provide error | | | | |
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		<ul style="list-style-type: none"> c. When reporting Transcript records that are manually added without a scoreID: <ul style="list-style-type: none"> i. Report the Ed-Fi Term Descriptor Override selected on the transcript record. ii. Else, report the Ed-Fi Code from the Ed-Fi Transcript Term Descriptor Override in the SAR preferences iii. If a Term cannot be determined, provide error d. When the SAR is posted only from the Graduation Record because there are no Course Transcripts records for the student, report the Ed-Fi Term Descriptor from the Sessions Resource Preferences that the Diploma Date overlaps in the School where the student is enrolled <ul style="list-style-type: none"> i. If the Term is not mapped or the diploma date does not overlap a term, use the term descriptor from the term with the latest end date ii. If more than 1 term schedule, report from the Primary term schedule iii. If the Diploma Date is aligned to more than 1 eligible Term Descriptor, report the value from the highest TermId 				
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2	educationOrganizationReference (reference)	<i>A reference to the related EducationOrganization resource</i> <hr/> 1. Reports the District Number based on the Local Education Agency resource logic	M	N/A	N/A	Y
3	schoolYearTypeReference (reference)	<i>A reference to the related SchoolYearType resource</i> <hr/> 1. Reports the end year for the transcript record being reported 2. Reports the end year the Diploma Date is aligned to	M	N/A	N/A	Y
4	studentReference (reference)	<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	Y

5	cumulativeAttemptedCredits (number)	<p><i>The cumulative number of credits an individual attempts by pursuing courses or examinations during his or her enrollment in the current school as well as those credits transferred from schools in which the individual had been previously enrolled</i></p> <hr/> <ol style="list-style-type: none"> Sum the total number of credits the student has attempted based on the total number of Credits Attempted the student has in the Transcript Credit table. Report '0' if the student does not have any Attempted Credits Earned <ol style="list-style-type: none"> This value will be the same for all Student Academic Records that are being updated, regardless of Term Type or Year. If the student does not have any Course Transcript records and is only reporting from Graduation, this field will be NULL 	O	N/A	Calculated	Y
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6	cumulativeEarnedCredits <i>(number)</i>	<p><i>The cumulative number of credits an individual earns by completing courses or examinations during his or her enrollment in the current school as well as those credits transferred from schools in which the individual had been previously enrolled</i></p> <hr/> <ol style="list-style-type: none">1. Sum the total number of credits the student has earned based on the total number of Credits Earned the student has in the Transcript Credit table.<ol style="list-style-type: none">a. Report '0' if the student does not have any Credits Earned2. This value will be the same for all Student Academic Records that are being updated, regardless of Term Type or Year.3. If the student does not have any Course Transcript records and is only reporting from Graduation, this field will be NULL	O	Transcript	Calculated	Y
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7	cumulativeGradePointAverage (number)	<p><i>A measure of average performance in all courses taken by an individual during his or her school career as determined for record-keeping purposes. This is obtained by dividing the total grade points received by the total number of credits attempted. This usually includes grade points received and credits attempted in his or her current school as well as those transferred from schools in which the individual was previously enrolled</i></p> <hr/> <p>1. Reports the student's Cumulative GPA a. This will report the same value on all eligible Student Academic Records that are eligible to report for the student for any year that has a valid configuration</p>	O	Transcript	Calculated	Y
8	diplomas (array)	<p><i>An unordered collection of student Academic Record Diplomas. This educational entity represents the cumulative record of academic achievement for a student</i></p> <hr/> <p>1. Reports when a student is given a Diploma Date and Diploma Type on their Graduation Record a. Only report in the Scope Year the Diploma Dates falls b. This value will be the same for all Student Academic Records that are being updated, regardless of Term Type</p>	C	Graduation	graduation.diplomaDate graduation.diplomaType	Y

9	sessionAttemptedCredits (number)	<p><i>The number of an credits an individual attempted to earn in this session</i></p> <hr/> <ol style="list-style-type: none"> Sum the total number of credits the student has attempted in the reporting session based on the total number of Credits Attempted the student has in the Transcript Credit table. <ol style="list-style-type: none"> Sum the transcript records that are in the same end year and are aligned to the same Term Descriptor as the Student Academic Record Report '0' if the student does not have any Credits Earned If the student does not have any Course Transcript records and is only reporting from Graduation, this field will be NULL 	O	Transcript	transcriptCredit.creditsAttempted	Y
10	sessionEarnedCredits (number)	<p><i>The number of an credits an individual earned in this session</i></p> <hr/> <ol style="list-style-type: none"> Sum the total number of credits the student has earned in the reporting session based on the total number of Credits Earned the student has in the Transcript Credit table. <ol style="list-style-type: none"> Sum the transcript records that are in the same end year that are aligned to the same Term Descriptor as the Student Academic Record Report '0' if the student does not have any Credits Earned If the student does not have any Course Transcript records and is only reporting from Graduation, this field will be NULL 	O	Transcript	transcriptCredit.creditsEarned	Y

11	sessionGradePointAverage	1. This is optional, does not report	O	N/A	N/A	Y
12	sessionGradePointsEarned	1. This is optional, does not report	O	N/A	N/A	Y
13	sessionEarnedCreditTypeDescriptor	1. This is optional, does not report	O	N/A	N/A	Y
14	sessionEarnedCreditConversion	1. This is optional, does not report	O	N/A	N/A	Y
15	sessionAttemptedCreditTypeDescriptor	1. This is optional, does not report	O	N/A	N/A	Y
16	sessionAttemptedCreditConversion	1. This is optional, does not report	O	N/A	N/A	Y
17	reportCards	1. This is optional, does not report	O	N/A	N/A	Y
18	recognitions	1. This is optional, does not report	O	N/A	N/A	Y
19	projectedGraduationDate	1. This is optional, does not report	O	N/A	N/A	Y
20	gradeValueQualifier	1. This is optional, does not report	O	N/A	N/A	Y

21	cumulativeGradePointsEarned	1. This is optional, does not report	O	N/A	N/A	Y
22	cumulativeEarnedCreditTypeDescriptor	1. This is optional, does not report	O	N/A	N/A	Y
23	cumulativeEarnedCreditConversion	1. This is optional, does not report	O	N/A	N/A	Y
24	classRanking	1. This is optional, does not report	O	N/A	N/A	Y
25	academicHonors	1. This is optional, does not report	O	N/A	N/A	Y

Arrays

Diplomas

Data Element Label	Business Rule(s)	Mandatory/ Conditional/ Optional	Tool Path	Database Field	Uses Core Template Rules (Y/N/EXT)
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DiplomaTypeDescriptor (string)	<i>The type of diploma/credential that is awarded to a student in recognition of his/her completion of the curricular requirements. ,</i> 1. Report the Ed-Fi Code for the Diploma Type selected	M	Graduation	graduation.diplomaType	Y
diplomaAwardDate (date)	<i>The month, day, and year on which the student met graduation requirements and was awarded a diploma. ,</i> 1. Report the Diploma Date	M	Graduation	graduation.diplomaDate	Y
achievementCategoryDescriptor	1. This is optional, does not report	O	N/A	N/A	N
diplomaLevelDescriptor	1. This is optional, does not report	O	N/A	N/A	Y
achievementCategorySystem	1. This is optional, does not report	O	N/A	N/A	Y
achievementTitle	1. This is optional, does not report	O	N/A	N/A	Y
criteria	1. This is optional, does not report	O	N/A	N/A	Y
criteriaURL	1. This is optional, does not report	O	N/A	N/A	Y

cteCompleter	1. This is optional, does not report	O	N/A	N/A	Y
diplomaAwardExpiresDate	1. This is optional, does not report	O	N/A	N/A	Y
diplomaDescription	1. This is optional, does not report	O	N/A	N/A	Y
evidenceStatement	1. This is optional, does not report	O	N/A	N/A	Y
imageUrl	1. This is optional, does not report	O	N/A	N/A	Y
issuerName	1. This is optional, does not report	O	N/A	N/A	Y
issuerOriginURL	1. This is optional, does not report	O	N/A	N/A	Y