

TX Ed-Fi Suite 3 API v7.1 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

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/>	M	Transcript	Calculated	Y

- 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:
 - 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 Grade
 - iv. 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

- 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:
 - 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.
 - 1. Use Primary Term schedule if there is more than 1 Term Schedule.
 - 2. If more than 1 primary Term Schedule, pick the highest TermID
 - iii. 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
- c. When reporting Transcript records that are manually added without a scoreID:
 - 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

		<p>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</p> <p>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</p> <p>ii. If more than 1 term schedule, report from the Primary term schedule</p> <p>iii. If the Diploma Date is aligned to more than 1 eligible Term Descriptor, report the value from the highest TermId</p>				
2	educationOrganizationReference (reference)	<p><i>A reference to the related EducationOrganization resource</i></p> <hr/> <p>1. Reports the Natural Key of the School resource</p>	M	N/A	N/A	Y
3	schoolYearTypeReference (reference)	<p><i>A reference to the related SchoolYearType resource</i></p> <hr/> <p>1. Reports the end year for the transcript record being reported</p> <p>2. Reports the end year the Diploma Date is aligned to</p>	M	N/A	N/A	Y
4	studentReference (reference)	<p><i>A reference to the related Student resource</i></p> <hr/> <p>1. Reports the fields that are part of the Natural Key for the Student resource</p>	M	N/A	N/A	Y

5	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</p> <ol style="list-style-type: none"> Only report in the Scope Year the Diploma Dates falls This value will be the same for all Student Academic Records that are being updated, regardless of Term Type 	C	Graduation	graduation.diplomaDate graduation.diplomaType	Y
6	endorsementPursuings / endorsementPursuingDescriptor (array / string)	<p><i>An unordered collection of studentAcademicRecordEndorsementPursuings. E3022, C333. EndorsementPursuing indicates whether a student is currently enrolled in (pursuing) or has successfully completed a FHSP program to earn an endorsement.</i></p> <hr/> <p>1. If student has an endorsement of Type = E: Endorsement and Status = 1, report mapped Ed-Fi Code of Endorsement</p>	O	Graduation Endorsements		EXT
7	endorsementCompleteds / endorsementCompletedDescriptor (array / string)	<p><i>An unordered collection of studentAcademicRecordEndorsementCompleteds. E3021, C332. EndorsementCompleted indicates the student has successfully completed a Foundation High School Program to earn a STEM, Business and Industry, Public Services, Arts and Humanities, or Multi-Disciplinary Studies endorsement.</i></p> <hr/> <p>1. If Type = E: Endorsement and Status = 2: Completed, report mapped Ed-Fi Code</p>	O	Graduation Endorsements		EXT

8	individualGraduationCommitteeReview (boolean)	<p><i>E1563. IndividualGraduationCommitteeReview indicates whether an IGC has been established for a student regardless of which graduation program type is being pursued. This is collected for students in grades 11 and 12.</i></p> <hr/> <p>1. If student has an enrollment in the Scope Year where Grade = 11 or 12, and Ind Grad Committee = 01, report true a. Else report false 2. Do not report this field if student does not have an enrollment in the Scope Year where Grade = 11 or 12</p>	O	Graduation		EXT
9	associateDegreeIndicatorDescriptor (string)	<p><i>E1596. AssociateDegreeIndicator indicates that the student earned an associate degree prior to graduation from high school.</i></p> <hr/> <p>1. Report mapped Ed-Fi Code of Associate Degree Earned a. If NULL, does not report</p>	O	Graduation		EXT
10	fhspParticipant (boolean)	<p><i>E3030. FHSPParticipant indicates whether a student is currently enrolled in the Foundation High School Program.</i></p> <hr/> <p>1. If a student <u>does not</u> have value in the Graduation Date field AND their Graduation Type greater than or equal to 34, then report true a. Else does not report</p>	O	Graduation		EXT

11	fhspDistingLevelParticipant (boolean)	<p><i>E3029. FHSPDistingLevelParticipant indicates whether a student is currently pursuing or has successfully completed the distinguished level of achievement under the Foundation High School Program as provided by TEC 28.025 (b-15).</i></p> <hr/> <p>1. If student has an endorsement of Type = E: Endorsement, Endorsement = 6, and Status = 1, report true. a. Else does not report.</p>	O	Graduation Endorsements		EXT
12	industryBasedCertificationSets (array)	<p><i>An unordered collection of studentAcademicRecordIndustryBasedCertificationSets. Common Type IndustryBasedCertificationSet.</i></p> <hr/> <p>1. See array for field specific details</p>	O	Graduation Endorsements		EXT
13	cumulativeAttemptedCredits	1. This is optional, does not report	O	N/A	N/A	N
14	cumulativeEarnedCredits	1. This is optional, does not report	O	N/A	N/A	N
15	cumulativeGradePointAverage	1. This is optional, does not report	O	N/A	N/A	N
16	sessionGradePointAverage	1. This is optional, does not report	O	N/A	N/A	N
17	sessionEarnedCredits	1. This is optional, does not report	O	N/A	N/A	N

18	sessionAttemptedCredits	1. This is optional, does not report	O	N/A	N/A	N
19	sessionGradePointsEarned	1. This is optional, does not report	O	N/A	N/A	Y
20	sessionEarnedCreditTypeDescriptor	1. This is optional, does not report	O	N/A	N/A	Y
21	sessionEarnedCreditConversion	1. This is optional, does not report	O	N/A	N/A	Y
22	sessionAttemptedCreditTypeDescriptor	1. This is optional, does not report	O	N/A	N/A	Y
23	sessionAttemptedCreditConversion	1. This is optional, does not report	O	N/A	N/A	Y
24	reportCards	1. This is optional, does not report	O	N/A	N/A	Y
25	recognitions	1. This is optional, does not report	O	N/A	N/A	Y
26	projectedGraduationDate	1. This is optional, does not report	O	N/A	N/A	Y
27	gradeValueQualifier	1. This is optional, does not report	O	N/A	N/A	Y

28	cumulativeGradePointsEarned	1. This is optional, does not report	O	N/A	N/A	Y
29	cumulativeEarnedCreditTypeDescriptor	1. This is optional, does not report	O	N/A	N/A	Y
30	cumulativeEarnedCreditConversion	1. This is optional, does not report	O	N/A	N/A	Y
31	classRanking	1. This is optional, does not report	O	N/A	N/A	Y
32	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> <hr/> 1. Report the mapped Ed-Fi Code for the Graduation 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> <hr/> 1. Reports Graduation Date	M	Graduation	graduation.diplomaDate	Y
individualGraduationCommitteeGraduateIndicator (boolean)	<i>E1562. IndividualGraduationCommitteeGraduateIndicator Indicates whether a student for whom an IGC was established has graduated based on an IGC decision.</i> <hr/> 1. If Ind Grad Committee = 02, report true a. Else report false	M	Graduation		EXT

texasFirstEarlyHSCompletionProgramDescriptor (string)	<p>E1736, C233. <i>TexasFirstEarlyHSCompletionProgram indicates the student graduated early under the Texas First Early High School Completion Program and specifies whether the student graduated two or more semesters or less than two semesters or equivalent earlier than the expected graduation date of the student's high school cohort.</i></p> <hr/> <p>1. Report mapped Ed-Fi Code for Early High School Completion</p>	M	Graduation		EXT
financialAidApplicationDescriptor (string)	<p>E1724, C230. <i>The FinancialAidApplication indicates the manner in which the student completed the graduation requirement of either completing a financial aid application (Free application for Federal Student Aid (FAFSA) or Texas Application for State Financial Aid (TASFA)) or submitting an exemption.</i></p> <hr/> <p>1. Report mapped Ed-Fi Code for Financial Aid Application</p>	O	Graduation		EXT
militaryEnlistmentIndicator (boolean)	field has been removed from the ODS				

distingLevelAchievementGraduate (boolean)	<p>E3089. DistingLevelAchievementGraduate indicates the student has successfully completed the distinguished level of achievement as provided by TEC 28.025 (b-15) or TEC 28.0253.</p> <hr/> <p>1. If Graduation Type = 29 or 32, report true a. Else report false</p>	O	Graduation		EXT
achievementCategoryDescriptor	<p><i>This descriptor defines the category of achievement attributed to the learner.</i></p> <hr/> <p>1. This is optional, does not report</p>	O	N/A	N/A	N
diplomaLevelDescriptor	<p>1. This is optional, does not report</p>	O	N/A	N/A	Y
achievementCategorySystem	<p>1. This is optional, does not report</p>	O	N/A	N/A	Y
achievementTitle	<p>1. This is optional, does not report</p>	O	N/A	N/A	Y
criteria	<p>1. This is optional, does not report</p>	O	N/A	N/A	Y
criteriaURL	<p>1. This is optional, does not report</p>	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

Industry Based Certificate Sets

Data Element Label	Business Rule(s)	Mandatory/ Conditional/ Optional	Tool Path	Database Field	Uses Core Template Rules (Y/N/EXT)
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dateCertTaken <i>(date)</i>	<i>E1632. DateCertTaken indicates the date upon which the industry based certification was taken.</i> <hr/> 1. If Type = C: Certification, report Date Completed	M	Graduation Endorsements		EXT
postSecondaryCertificationLicensureDescriptor <i>(string)</i>	<i>E1640, C214. PostSecondaryCertificationLicensure indicates a nationally or internationally recognized business or industry certification or license earned by a student.</i> <hr/> 1. If Type = C: Certification, report mapped Ed-Fi Code for Certification	M	Graduation Endorsements		EXT
postSecondaryCertLicensureResultDescriptor <i>(string)</i>	<i>E1733, C232. PostSecondaryCertLicensureResult indicates the result of a state, nationally, or internationally recognized industry-based certification exam taken by a student.</i> <hr/> 1. If Type = C: Certification, report mapped Ed-Fi Code of Status	M	Graduation Endorsements		EXT

ibcVendorDescriptor <i>(string)</i>	<i>E1655, C226. IBCVendorCode identifies the organization or company that offered the service.</i> <hr/> 1. If Type = C: Certification, report IBC Vendor	M	Graduation Endorsements		EXT
ibcExamFeeAmount <i>(number)</i>	<i>E1654. IBCExamFeeAmount identifies the amount of money that was paid for a student's industry certification exam by the local education agency.</i> <hr/> 1. If Type = C: Certification, report IBC Exam Fee	O	Graduation Endorsements		EXT