DE Ed-Fi Suite v3.6.2, Data Standard v4.0: Course Transcripts

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Summary

This entity is the final record of a student's performance in their courses at the end of a semester or school year.

Object Triggering Logic

Action	Business Rule(s)
Post	When transcript records are posted for a student • Do not send a record if any of the following exclusions are present: ◦ Transcript Score is NULL ◦ School Exclude ◦ Calendar Exclude ◦ Enrollment Grade Level Exclude ◦ Enrollment State Exclude • The transcript records must be posted through the Transcript Post tool. Manual entry records will not post through Ed-Fi. • Only reports transcripts that are in the current configuration year.

Delete /Post	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.

Put	• When the following information is changed on a transcript entry:
	
	  ○ Transcript ID (New Transcript Entry)
	  ○ Score
	  ○ Grading Score
	  ○ School Year
	  ○ Course Code
	  ○ Course Number
	  ○ Course Name
	  ○ State Code
	  ○ Grade
	  ○ Attempted Credits
	  ○ Earned Credits
	  ○ Ed-Fi Term Type
	• When the following information is changed on a Course Master:
	
	  ○ State Code
	  ○ Number
	  ○ Active status
	• When the following information is changed on an Enrollment:
	  ○ Enrollment ID
	  ○ State Exclude
	  ○ Start Date
	  ○ End Date

Delete	• When the transcript record is deleted.

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Required Resources (Upstream)

The following resources must be sent prior to this resource:

- Courses
- Students
- Student School Associations
- Student Academic Records

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 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	**courseAttemptResultDescriptor** (*string*)	The result from the student's attempt to take the course. Reports in the following priority order: • If the **Score** selected is mapped to a **State Score** on the Score Group or Rubric being used, report the Ed-Fi Code mapped to that State Score. • If State Score is NULL on the Score selected, report the Ed-Fi Code mapped to the comparisons between **Attempted Credits** and **Earned Credits**. ○ These mappings can be found in the Course Transcripts Resource Preferences of your Ed-Fi Connection.	M	Transcript	ScoreListItem. stateScore TranscriptCredit. creditsAttempted TranscriptCredit. creditsEarned	❌

| 2 | **courseReference** (*reference*) | *A reference to the Courses resource associated with the Course Transcript being reported.*

Reports the fields that are part of the Natural Key for the Courses resource.

When reporting from a Transcript record that was posted from Infinite Campus (has a scoreID):

• courseCode = **State Code-Course Master ID**
• educationOrganizationId = **Ed-Fi District Number**

When reporting from a Transcript record that was manually entered (has no scoreID):

• courseCode = **State Code**
• educationOrganizationId = **Ed-Fi District Number**
• | M | Course Master | CourseMaster. stateCode

CourseMaster. courseMasterID | ✖ |
| 3 | **studentAcademicRecordReference** (*reference*) | *A reference to the Student Academic Records resource associated with the Course Transcript being reported.*

Reports the fields that are part of the Natural Key for the Student Academic Records resource. | M | N/A | N/A | ✔ |

4	attemptedCredits (*number*)	*The value of credits or units of value awarded for the completion of a course.* Report the **Credits Attempted**.	M	Transcript	TranscriptCredit. creditsAttempted	✅
5	earnedCredits (*number*)	*The value of credits or units of value awarded for the completion of a course.* Report the **Credits Earned**.	M	Transcript	TranscriptCredit. creditsEarned	✅
6	externalEducationOrganizationReference	This is optional, does not report.	O	N/A	N/A	N/A
7	academicSubjects	This is optional, does not report.	O	N/A	N/A	N/A
8	alternativeCourseCode	This is optional, does not report.	O	N/A	N/A	N/A
9	alternativeCourseIdentificationCodes	This is optional, does not report.	O	N/A	N/A	N/A
10	alternativeCourseTitle	This is optional, does not report.	O	N/A	N/A	N/A
11	assigningOrganizationIdentificationCode	This is optional, does not report.	O	N/A	N/A	N/A
12	attemptedCreditConversion	This is optional, does not report.	O	N/A	N/A	N/A
13	attemptedCreditTypeDescriptor	This is optional, does not report.	O	N/A	N/A	N/A
14	courseCatalogURL	This is optional, does not report.	O	N/A	N/A	N/A
15	courseRepeatCodeDescriptor	This is optional, does not report.	O	N/A	N/A	N/A
16	courseTitle	This is optional, does not report.	O	N/A	N/A	N/A
17	creditCategories	This is optional, does not report.	O	N/A	N/A	N/A
18	earnedAdditionalCredits	This is optional, does not report.	O	N/A	N/A	N/A

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19	earnedCreditConversion	This is optional, does not report.	O	N/A	N/A	N/A
20	earnedCreditTypeDescriptor	This is optional, does not report.	O	N/A	N/A	N/A
21	externalEducationOrganizationNameOfInstitution	This is optional, does not report.	O	N/A	N/A	N/A
22	finalLetterGradeEarned	This is optional, does not report.	O	N/A	N/A	N/A
23	finalNumericGradeEarned	This is optional, does not report.	O	N/A	N/A	N/A
24	methodCreditEarnedDescriptor	This is optional, does not report.	O	N/A	N/A	N/A
25	partialCourseTranscriptAwards	This is optional, does not report.	O	N/A	N/A	N/A
26	whenTakenGradeLevelDescriptor	This is optional, does not report.	O	N/A	N/A	N/A

Appendix

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