WI Ed-Fi Suite 3 API v7.3 Data Standard v5.2: Course Transcripts

November 2025

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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

Action	Business Rule(s)
Post	When transcript records are posted for students in grades 9-12 OR When a grade is posted to a grading task that is marked as 'Posts to Transcript' for a course with Transcript = checked and the student is in state grade = 12 • Do not report posted Grading Tasks that are associated with: 　○ Calendar Exclude 　○ Course Exclude 　○ Course marked as Inactive 　○ Grading Task has Ed-Fi Exclude selected 　○ Enrollment has been marked State Exclude, No Show, or WISE Exclude
Put	When any field not part of the natural key is changed
Delete /Post	When a grade is changed on a transcript record for a student or part of the Natural Key is changed OR When a grade is changed on a grading task marked 'Posts to Transcript' or part of the Natural Key is changed

Delete	When a transcript record is deleted for a student
	When a grade for a grading task marked 'Posts to Transcript' is deleted for a student
	Transcript records will delete when a student has only 1 Student School Association record for a specific School and Year and that record is deleted
	When the Enrollment State Exclude or WISE Exclude checkbox is checked

Required Resources

The following resources must be sent prior to this resource:

- Courses (Preloaded)
- Student Academic Records

Dependent Resources

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.

	Data Element Label	Business Rule(s)	Mandatory/ Conditional/ Optional	Tool	Database Field

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| 1 | **courseAttemptResultDescriptor**

(string) | *The result from the student''s attempt to take the course, for example: Pass, Fail, Incomplete, Withdrawn (Business Rules: Core)*

When reporting from State Reported Grading Task use the Score Group or used for the posted grade to determine the Result Type:

1. Report '**Pass**' when the posted score has the Passing check box checked on the score group where the grade was posted from
2. Report '**Fail**' when the posted grade does not have the Passing check box checked on the score group where the grade was posted from

When reporting from Transcript Records use the Credits Earned vs. Credit Attempted to determine the Result Type:

1. Report the Ed-Fi Code from the mapping for the following options:
  a. When the sum of credits Earned is >= the sum of credits Attempted
  b. When the sum of credits Earned is blank or = 0
  c. When the sum of credits Earned is not blank or = 0 and < than the sum of credits Attempted | M | Transcript | transcriptCredit.
creditsAttempted

transcriptCredit.
creditsEarned |

2	**courseReference**
	
	(reference)
		A reference to the related Course resource (Business Rules: Localized)
		
		1. Reports the Natural Key fields for the Course resource
		   a. **For 9-12 grade levels with a transcript record:**
		     i. courseReference - CourseCode
		       1. Report the TranscriptCourse.transcriptID from the transcript record
		       2. Prefix with 'TC' to indicate it is from Transcript record
		     ii. courseReference - educationOrganizationId
		       1. Report the Ed-Fi schoolID for the school name associated with the transcript record
		   b. **For 12th grade without a transcript record in the current school/config year:**
		     i. courseReference - CourseCode
		       a. Report the GradingScore.scoreID from the Grading Task marked marked State Reported for a course with a state code when a grade is added or modified
		       b. Prefix with 'GS' to indicate it is from Course
		     2. courseReference - educationOrganizationId - Report the Ed-Fi schoolID for the school name associated with the course record
			M	Transcript	TranscriptCourse. transcriptID
					
					GradingScore. scoreID

3	**studentAcademicRecordReference** *(reference)*	*A reference to the related Student Academic Record resource (Business Rules: Core)* 1. Reports the Natural Key fields for the Student Academic Record resource	M	N/A	N/A

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4	alternativeCourseCode
	
	(string)
		The local code assigned by the school that identifies the course offering, the code from an external educational organization, or other alternate course code (Business Rules: Localized)<hr>1. **For 9-12th grade levels with a transcript record:**
		  a. Report the Course Number for the Course from the transcript record
		2. **For 12th grade without a transcript record in the current school/config year:**
		  a. Report the Course Number for the Course from Courses > Course > Number
		    i. Course must be Active and not marked Exclude from State Reporting
			O	Transcript
				
				Course
					transcriptCourse.courseNumber

5	alternativeCourseTitle
	
	(string)
		The descriptive name given to a course of study offered in the school, if different from the CourseTitle. (Business Rules: Localized)<hr>1. **For 9-12th grade levels with a transcript record:**
		  a. Report the Course Name from the transcript record
		2. **For 12th grade without a transcript record in the current school/config year:**
		  a. Report the Name for the Course from Courses > Course > Name
		    i. Course must be Active and not marked Exclude from State Reporting
			O	Transcript
				
				Course
					transcriptCourse.courseName
					
					course.name

6	attemptedCredits (number)	The number of credits attempted for a course (Business Rules: Core)<hr>1. Report the Sum of Credits from the **Attempted** field on the Transcript record being reported	O	Transcript	transcriptCredit.creditsAttempted

| 7 | courseTitle

(string) | *The descriptive name given to a course of study offered in a school or other institution or organization. In departmentalized classes at the elementary, secondary, and postsecondary levels (and for staff development activities), this refers to the name by which a course is identified (e.g., American History, English III). For elementary and other non-departmentalized classes, it refers to any portion of the instruction for which a grade or report is assigned (e.g., reading, composition, spelling, language arts). (Business Rules: Core)*

1. **For 9-12th grade levels with a transcript record:**
  a. Report the Course Name from the transcript record
2. **For 12th grade without a transcript record in the current school/config year:**
  a. Report the Name for the Course from Courses > Course > Name
    i. Course must be Active and not marked Exclude from State Reporting | O | Transcript

Course | transcriptCourse. courseName

course.name |
| 8 | **earnedCredits**

(number) | *The number of credits awarded or earned for the course (Business Rules: Core)*

1. Report the sum of credits from the **Earned** field on the Transcript record being reported
2. When a grade is posted to a Grading Task marked state reported for a course that has 'post to transcript' checked and the student is in state grade level 12, report the value in the Credit field of the associated Grading Task | M | Transcript | transcriptCredit. creditsEarned |

9	finalLetterGradeEarned *(string)*	*The final letter grade earned for the course. (Business Rules: Localized)* 1. Report the **Current Score** posted to the transcript record 2. Report the **Score Name** when reporting from the grading task marked 'Posts to Transcript' for students in state grade level 12 3. Look at the score being reported and determine if it is an integer or not. If the posted value is not an Integer then report the value here	O	Transcript	transcriptCourse.score

10	finalNumericGradeEarned
	
	(number)
		The final numeric grade earned for the course (Business Rules: Localized)
		
		1. Determine if the posted transcript score is an integer or not:
		  a. If the posted value is an Integer, then report the posted score here
		  b. If the posted value is not an Integer, then report in FinalLetterGradeEarned field.
		2. If the score reported from the state reported grading task is an integer, report here.
		  a. Otherwise, do not report.
			O	Transcript	transcriptCourse.score

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11	whenTakengradeLevelDescriptor	*Student's grade level at time of course. (Business Rules: Localized)*
		
		 1. When transcript records are posted for a student for course with a state code and in grades 9-12:
		
		    a. If the grade level selected on the transcript record matches a valid Ed-Fi code, report the **Grade Level**
		      i. When no matching grade level found with a grade level mapping, do not report this property
		 2. When a grade is posted to a grading task that is marked as State Reported for a course that has 'post to transcript' and the student is in state Grade Level 12, use the following logic:
		
		    a. Report the mapped **Grade Level** from the Grade that the student is in when the grade/score is posted to a state reported grading task. Report from the enrollment record with same School Year as the courseTranscript record.
		
		      i. If there are multiple enrollments that match, report from the most recent Start Date
		        1. If start dates are the same, report from highest enrollment ID
		    b. If the student does not have a corresponding enrollment record, report blank
			O	Enrollment	enrollment.grade

12	earnedadditionalCredits	*(Business Rules: Core)* 1. This is optional, does not report	O	N/A	N/A

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13	methodCreditEarnedType	*(Business Rules: Core)* 1. This is optional, does not report	O	N/A	N/A
14	earnedCreditTypeDescriptor	*(Business Rules: Core)* 1. This is optional, does not report	O	N/A	N/A
15	earnedCreditConversion	*(Business Rules: Core)* 1. This is optional, does not report	O	N/A	N/A
16	earnedadditionalCredits	*(Business Rules: Core)* 1. This is optional, does not report	O	N/A	N/A
17	courseRepeatCodeDescriptor	*(Business Rules: Core)* 1. This is optional, does not report	O	N/A	N/A
18	attemptedCreditTypeDescriptor	*(Business Rules: Core)* 1. This is optional, does not report	O	N/A	N/A
19	attemptedCreditConversion	*(Business Rules: Core)* 1. This is optional, does not report	O	N/A	N/A

20	externalEducationOrganziationReference	*(Business Rules: Core)*	O	N/A	N/A
		1. This is optional, does not report			

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