Course Transcripts (Texas v4.0)

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Tool Search Term: Ed-Fi

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

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	When transcript records are posted for a student and they have a valid Student School Association for the Scoped Year. or When a resync is completed, all valid transcript records for all years will send for the Student. - Transcript must have a value in the Pass/Fail Credit indicator drop list. - The course must exist in the ODS for the Course Reference to send as part of this resource. Use the following logic to determine which Course Reference to send: - If the School Number and Course Number on the transcript record are in the configured year ODS, report the Course reference with those numbers. - If School Number and Course Number on the transcript record are in the ODS for the configured year but not the school where the student is enrolled, report the course reference with the School and Course Number that matches the School & Course in the ODS. - If School Number on the transcript record is in the ODS for the configured year but not the school where the student is enrolled but the Course number matches the school they are enrolled, the course reference will report with the School Number where the student is enrolled. - If the School Number on the transcript record is not in the ODS and the course number matches the school where the student is enrolled, the course reference will report where the student is enrolled. - If the School Number on the transcript is not in the ODS but the Course Number matches a school where the student is not enrolled, the course reference will report with the school where the course match is found. If there is more than one school with that course number, pick the school with the highest schoolID. - If the School Number on the transcript is not in the ODS and the course number does not match any course in the district, a record will not send and will not trigger an error. - Do not send a record if the transcript's score is null. - Do not send record if the School Exclude checkbox is marked. - Do not send record if the Calendar Exclude checkbox is marked.
Post/Delete	When any part of the Natural Key is changed.
Put	When fields that are not part of the natural key are changed.
Delete	When a transcript record is deleted for a student.

Action	Trigger
Delete	User removes value from Pass/Fail Credit drop list.
Delete	All Transcript records will only delete when a student has only one Student School Association record for a specific Year and that record is deleted. **Note:** If a new Student School Association record is created, existing records will not re-post, a resync must be completed to resend the data.

School Exclude, Calendar Exclude, Resource Toggle and Resync Logic

Action	Trigger
None	If a resource is toggled to 'OFF' after data has sent, all sent data will remain in the ODS but no new data will send.
Resync	If a record is in the Ed-Fi Identity Mapping table and not in the ODS, it will be deleted from the Ed-Fi Identity Mapping table.
Resync	If a record is in the ODS and it does not have a matching record in Campus or the Ed-Fi Identity Mapping table, it will be deleted from the ODS.
Resync	If a mapping is changed in Resource Preferences, a resync will need to be done to reflect the changes.

Natural Key Changes, Cascading Updates, and Deletes Logic

Action	Trigger
Post/Delete	Natural Key change: • If the Natural Key changes from the Course Reference or Student Academic Reference, the cascading delete/post logic from those resources will trigger updates to the Course Transcripts. • Records will delete/post if the Credits Earned or Credits Attempted are changed on a student's transcript record.

Scope Year Logic

Logic
Transcript records will send to each scope year where the student has a Student School Association, regardless of the Transcript School Year. • Data will only send for years that have valid configuration. • A resync must be completed at the beginning of each year so that all years transcript records will be loaded in the ODS.

Resource Preferences

Data Element Label	Mapping Needed
Credit Earned/Attempted	Course Attempt Result Descriptor

Identity Mapping Object Key

Campus Object Type	Object Key Data Source
TranscriptCourse	transcriptID

Event Queue Detail

Campus Table	Ed-Fi Action	Fields
transcriptcourse	Post/Put/Delete	The primary table used for sending data for this resource.
transcriptcredit	Post/Put/Delete	The primary table used for sending data for this resource.

Object Data Elements

This table describes data elements sent within the Course Transcripts resource. Data Element Labels in **bold** are part of the Natural Key and are required data elements for Data to send to Ed-Fi.

Data Element Label	Business Requirement	Business Rules	M, C or O	Location

Data Element Label	Business Requirement	Business Rules	M, C or O	Location
courseAttempt ResultDescriptor	The result from the student's attempt to take the course, for example: Pass, Fail, Incomplete, Withdrawn.	When reporting from Transcript Records use the Credits Earned vs. Credit Attempted to determine the result. Reports the Ed-Fi Code from the mapping for the following options: • When the sum of credits Earned is >= the sum of credits Attempted. • When the sum of credits Earned is blank or = 0. • When the sum of credits Earned is not blank or = 0 and < than the sum of credits Attempted.	M	Student Information> General > Transcripts > Earned AND Student Information > General > Transcripts > Attempted transcriptcredit.creditsAttempted AND transcriptcredit.creditsEarned
courseReference	A reference to the related Course resource.	Reports the mapped Ed-Fi Code of Pass/Fail Credit.	M	Student Information> General > Transcripts > Credit Info > Pass/Fail Credit

Data Element Label	Business Requirement	Business Rules	M, C or O	Location
externalEducation OrganziationReference	The identifier assigned to an education organization.	This is optional, does not report.	O	
studentAcademic RecordReference	A reference to the related Student Academic Record resource.	Reports the Natural Key fields for the Student Academic Record resource.	M	
alternativeCourseCode	The local code assigned by the school that identifies the course offering, the code from an external educational organization, or other alternate course code.	Reports the Course Number from the transcript record.	O	Student Information > General > Transcripts > Course Number transcriptcourse.courseNumber
alternativeCourseTitle	The descriptive name given to a course of study offered in the school, if different from the Course Title.	This is optional, does not report.	O	
attemptedCredit Conversion	Conversion factor that when multiplied by the number of credits is equivalent to Carnegie units.	This is optional, does not report.	O	
attemptedCredits	The number of credits attempted for a course.	This is optional, does not report.	O	

Data Element Label	Business Requirement	Business Rules	M, C or O	Location
attemptedCredit TypeDescriptor	The type of credits or units of value attempted for the completion of a course.	This is optional, does not report.	O	
courseRepeat CodeDescriptor	Indicates that an academic course has been repeated by a student and how that repeat is to be computed in the student''s academic grade average.	This is optional, does not report.	O	
CourseTitle	Reports the name of the course completed.	Reports the Course Name from the transcript record.	O	Student Information > General > Transcripts > Course Name transcriptcourse.courseName
earnedadditional Credits	An unordered collection of courseTranscript AdditionalCredits. This entity is the final record of a student's performance in their courses at the end of a semester or school year.	This is optional, does not report.	O	
earnedCredit Conversion	Conversion factor that when multiplied by the number of credits is equivalent to Carnegie units.	This is optional, does not report.	O	

Data Element Label	Business Requirement	Business Rules	M, C or O	Location
earnedCredits	The number of credits awarded or earned for the course.	Report the sum of credits from the Earned field on the Transcript record being reported.	M	Student Information> General> Transcripts> Earned transcriptcredit. creditsAttempted
earnedCredit TypeDescriptor	The type of credits or units of value awarded for the completion of a course.	This is optional, does not report.	O	
finalLetterGrade Earned	The final letter grade earned for the course.	This is optional, does not report.	O	
finalNumericGradeEarned	The final numeric grade earned for the course.	This is optional, does not report.	O	
methodCreditEarnedType	The method the credits were earned, for example: Classroom, Examination, Transfer.	This is optional, does not report.	O	
whenTakengrade LevelDescriptor	The student's grade level at the time of the course.	This is optional, does not report.	O	

Data Element Label	Business Requirement	Business Rules	M, C or O	Location
CollegeCreditHours	The number of college hours a student earned for the completion of a dual credit course.	Reports the field value. If blank, does not report. Student must have a grading task with a Pass/Fail Indicator of 01, 04, 05 AND a Score on the transcript in order to report this value.	O	Course/Section > Course > College Credit Hours
DualCreditIndicator	Indicates whether the student was eligible to receive both high school and college credit for a college course.	If Dual Indicator is a No, reports '0'. If Dual Indicator is Yes reports '1'.	O	Course/Section > Course Editor > Dual Credit Indicator
ATCIndicator	Indicates a high school course for which college credit may be awarded by a post-secondary institution under the conditions of a local articulation agreement or the statewide Advanced Technical Credit (ATC) program agreement.	If the ATC Indicator code box is marked, reports '1'. Otherwise, reports '0'.	O	Course/Section > Course > ATC Indicator Code

Type/Descriptor

Course Attempt Result Descriptor

Code Value	Description	Namespace	Short Description
Pass	Pass	uri://ed-fi.org/CourseAttemptResultDescriptor	Pass
Incomplete	Incomplete	uri://ed-fi.org/CourseAttemptResultDescriptor	Incomplete
Fail	Fail	uri://ed-fi.org/CourseAttemptResultDescriptor	Fail
Withdrawn	Withdrawn	uri://ed-fi.org/CourseAttemptResultDescriptor	Withdrawn