

# Course Transcripts (Georgia v3.6.1)

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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.

### Object Triggering

Action	Trigger
Post	<p>When transcript records are posted for a student (both through the Transcript Post tool and manual transcript entries) and they have a valid Student School Association for the configured year.</p> <ul style="list-style-type: none"> <li>• Do not send a record if the associated course is marked as inactive.</li> <li>• Do not send a record if the transcript's score is null.</li> <li>• Do not send a record if the School Exclude check box is checked.</li> <li>• Do not send a record if the Calendar Exclude check box is checked.</li> <li>• Do not send a record if the student's Enrollment is marked as State Exclude.</li> <li>• For a manual transcript entry to post a record without error, all of the below fields must be populated on the transcript: <ul style="list-style-type: none"> <li>◦ Score</li> <li>◦ Attempted Credits</li> <li>◦ Earned Credits</li> <li>◦ School Year</li> <li>◦ Course Name</li> <li>◦ State Code</li> <li>◦ Ed-Fi Term Type (or have a mapped override)</li> </ul> </li> </ul>
Delete/Post/Put	<p>A Delete/Post will be performed when the natural key is changed. A Put will be performed otherwise.</p> <ul style="list-style-type: none"> <li>• When the following information is changed on a transcript entry: <ul style="list-style-type: none"> <li>◦ Transcript ID (New Transcript Entry)</li> <li>◦ Score</li> <li>◦ Attempted Credits</li> <li>◦ Earned Credits</li> <li>◦ School Year</li> <li>◦ Course Name</li> <li>◦ State Code</li> <li>◦ Ed-Fi Term Type</li> </ul> </li> </ul>
Delete	When a transcript record is deleted for a student
Delete	<p>All Transcript records will only delete when a student has only 1 Student School Association record for a specific Year and that record is deleted.</p> <p>(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).</p>

## 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 remains in the ODS but no new data sends.
Resync	If a record is in the Ed-Fi Identity Mapping table and not in the ODS, it is 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 is deleted from the ODS.
Resync	If a mapping is changed in Resource Preferences, a resync needs to be done to reflect the changes.

## Natural Key Changes, Cascading Updates, and Deletes Logic

Action	Trigger
Post/Delete	<p>Natural Key changes:</p> <ul style="list-style-type: none"> <li>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.</li> <li>Records will delete/post if the Credits Earned or Credits Attempted are changed on a student's transcript record.</li> </ul>

## Scope Year Logic

Logic
<p>Transcript records send to each scope year where the student has a Student School Association, regardless of the Transcript School Year.</p> <ul style="list-style-type: none"> <li>Data only sends for years that have valid configuration.</li> <li>A resync must be completed at the beginning of each year so that all years transcript records are loaded in the ODS.</li> </ul>

## Identity Mapping Object Key

campusObjectType	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 and Business Rules	M, C, or O	Data Source GUI Path	Database Field

Data Element Label	Business Requirement and Business Rules	M, C, or O	Data Source GUI Path	Database Field
<b>courseAttemptResultDescriptor</b>	<ul style="list-style-type: none"> <li>Report the Ed-Fi Code associated with the <b>State Score</b> that is mapped to the Score selected.</li> <li>If there is no State Score mapped to the Score selected, or the State Score does not have an Ed-Fi Code mapped to it, report the Ed-Fi Code mapped to the <b>calculation between Attempted Credits and Earned Credits</b>. <ul style="list-style-type: none"> <li>When the sum of credits Earned is <math>\geq</math> the sum of credits Attempted</li> <li>When the sum of credits Earned is blank or = 0</li> <li>When the sum of credits Earned is not blank or = 0 and <math>&lt;</math> than the sum of credits Attempted</li> </ul> </li> </ul>	M	State Score: Grading & Standards > Score Groups & Rubrics > State Score  Calculation: Student Information> General> Transcripts> Earned AND Student Information> General> Transcripts> Attempted	State Score: ScoreListItem.stateScore  Calculation: transcriptcredit.credits/ transcriptcredit.credits
<b>courseReference</b>	<p>A reference to the related Course resource.</p> <p>Reports the Natural Key fields for the Course resource</p>	M		
<b>externalEducationOrganizationReference</b>	<p>The identifier assigned to an education organization.</p> <p>This is optional, do not report.</p>	O		
<b>studentAcademicRecordReference</b>	<p>A reference to the related Student Academic Record resource.</p> <p>Reports the Natural Key fields for the Student Academic Record resource.</p>	M		
<b>alternativeCourseCode</b>	<p>The local code assigned by the school that identifies the course offering, the code from an external educational organization, or other alternate course code.</p> <p>This is optional, do not report.</p>	O		
<b>alternativeCourseTitle</b>	<p>The descriptive name given to a course of study offered in the school, if different from the CourseTitle.</p> <p>This is optional, do not report.</p>	O		
<b>attemptedCreditConversion</b>	<p>Conversion factor that when multiplied by the number of credits is equivalent to Carnegie units.</p> <p>This is optional, do not report.</p>			

Data Element Label	Business Requirement and Business Rules	M, C, or O	Data Source GUI Path	Database Field
attemptedCredits	<p>The number of credits attempted for a course.</p> <p>This is optional, do not report.</p>	O		
attemptedCreditTypeDescriptor	<p>The type of credits or units of value attempted for the completion of a course.</p> <p>This is optional, do not report.</p>	O		
courseRepeatCodeDescriptor	<p>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.</p> <p>This is optional, do not report.</p>			
CourseTitle	<p>Reports the name of the course completed.</p> <p>Report the Course Name from the transcript record</p>	O	Student Information > General > Transcripts > Course Name	transcriptcourse.course
earnedadditionalCredits	<p>An unordered collection of courseTranscriptAdditionalCredits. This entity is the final record of a student's performance in their courses at the end of a semester or school year.</p> <p>This is optional, do not report.</p>	O		
earnedCreditConversion	<p>Conversion factor that when multiplied by the number of credits is equivalent to Carnegie units.</p> <p>This is optional, do not report.</p>	O		
earnedCredits	<p>The number of credits awarded or earned for the course.</p> <p>Report the sum of credits from the Earned field on the Transcript record being reported</p>	M	Student Information > General > Transcripts > Earned	transcriptcredit.credits/
earnedCreditTypeDescriptor	<p>The type of credits or units of value awarded for the completion of a course.</p> <p>This is optional, do not report.</p>	O		

Data Element Label	Business Requirement and Business Rules	M, C, or O	Data Source GUI Path	Database Field
finalLetterGradeEarned	<p>The final letter grade earned for the course.</p> <p>Determine if the posted score is an integer or not:</p> <ol style="list-style-type: none"> <li>1. If the posted value is an Integer, then report the posted score here</li> <li>2. If the posted value is not an Integer, then report in Final Letter Grade Earned field above.</li> </ol>	O	Student Information > General > Transcripts > Current Score	transcriptcourse.score
finalNumericGradeEarned	<p>The final numeric grade earned for the course.</p> <p>Determine if the posted score is an integer or not:</p> <ol style="list-style-type: none"> <li>1. If the posted value is an Integer, then report the posted score here</li> <li>2. If the posted value is not an Integer, then report in Final Letter Grade Earned field above.</li> </ol>	O	Student Information > General > Transcripts > Current Score	transcriptcourse.score
methodCreditEarnedType	<p>The method the credits were earned, for example: Classroom, Examination, Transfer.</p> <p>This is optional, do not report.</p>	O		
whenTakengradeLevelDescriptor	<p>Student's grade level at time of course.</p> <p>This is optional, do not report.</p>	O		

## Types/Descriptors

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### courseAttemptResultDescriptor

Ed-Fi Code Value	Description	Namespace
Fail	Fail	uri://gadode.org/CourseAttemptResultDescriptor
Incomplete	Incomplete	uri://gadode.org/CourseAttemptResultDescriptor
Pass	Pass	uri://gadode.org/CourseAttemptResultDescriptor
Withdrawn	Withdrawn	uri://gadode.org/CourseAttemptResultDescriptor

### termDescriptor

Ed-Fi Code Value	Description	Namespace	Short Description
Y1	Year Course	uri://gadode.org/TermDescriptor	Year Course
N1	1st Nine Week	uri://gadode.org/TermDescriptor	1st Nine Week

<b>Ed-Fi Code Value</b>	<b>Description</b>	<b>Namespace</b>	<b>Short Description</b>
N2	2nd Nine Week	uri://gadoe.org/TermDescriptor	2nd Nine Week
N3	3rd Nine Week	uri://gadoe.org/TermDescriptor	3rd Nine Week
N4	4th Nine Week	uri://gadoe.org/TermDescriptor	4th Nine Week
S1	1st Semester	uri://gadoe.org/TermDescriptor	1st Semester
S2	2nd Semester	uri://gadoe.org/TermDescriptor	2nd Semester
T1	1st Trimester	uri://gadoe.org/TermDescriptor	1st Trimester
T2	2nd Trimester	uri://gadoe.org/TermDescriptor	2nd Trimester
T3	3rd Trimester	uri://gadoe.org/TermDescriptor	3rd Trimester
X1	1st Six-Week	uri://gadoe.org/TermDescriptor	1st Six-Week
X2	2nd Six-Week	uri://gadoe.org/TermDescriptor	2nd Six-Week
X3	3rd Six-Week	uri://gadoe.org/TermDescriptor	3rd Six-Week
X4	4th Six-Week	uri://gadoe.org/TermDescriptor	4th Six-Week
X5	5th Six-Week	uri://gadoe.org/TermDescriptor	5th Six-Week
X6	6th Six-Week	uri://gadoe.org/TermDescriptor	6th Six-Week
F1	1st four and half week	uri://gadoe.org/TermDescriptor	1st four and half week
F2	2nd four and half week	uri://gadoe.org/TermDescriptor	2nd four and half week
F3	3rd four and half week	uri://gadoe.org/TermDescriptor	3rd four and half week
F4	4th four and half week	uri://gadoe.org/TermDescriptor	4th four and half week
F5	5th four and half week	uri://gadoe.org/TermDescriptor	5th four and half week
F6	6th four and half week	uri://gadoe.org/TermDescriptor	6th four and half week
F7	7th four and half week	uri://gadoe.org/TermDescriptor	7th four and half week
F8	8th four and half week	uri://gadoe.org/TermDescriptor	8th four and half week