

# Course Transcripts (Indiana v3.6)

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Tool Search: Ed-Fi

[Object Triggering Logic](#) | [Error Log](#) | [Object Data Elements](#) | [Descriptors](#)

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

- Students with hand entered Course Transcript records may not report if there is no section associated to the term.
- The Sessions, Course Offerings, Sections, and Locations resources all need to be present for the Course Transcripts resource to process and send.

## Object Triggering Logic

Action	Business Rule
POST	<p>Report a record when transcript records are posted for a student in the current configuration year.</p> <ul style="list-style-type: none"> <li>• Do not send a record if any of the following exclusions are present: <ul style="list-style-type: none"> <li>◦ Course is marked as inactive</li> <li>◦ Transcript's score is NULL</li> <li>◦ School Exclude is checked</li> <li>◦ Calendar Exclude is checked</li> <li>◦ Student's Enrollment is State Exclude</li> <li>◦ Student's Enrollment is No Show</li> </ul> </li> <li>• The transcript record can be posted through the Transcript Post tool or through a manual entry.</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>◦ School Year</li> <li>◦ School Number</li> <li>◦ District Number</li> <li>◦ Grade</li> <li>◦ Course Number</li> <li>◦ Course Name</li> <li>◦ State Code</li> <li>◦ Score</li> <li>◦ Unweighted GPA Value</li> <li>◦ Credits Earned</li> <li>◦ Credits Attempted</li> <li>◦ Ed-Fi Term Type (or have a mapped override)</li> </ul> </li> </ul> <p><b>Important:</b> Indiana DOE has a Tier 2 validation that states you must have a 1:1 relationship between Student Section Association records and Course Transcript records.</p> <ul style="list-style-type: none"> <li>• If you are reporting 1 Student Section Association for a given student, IDOE expects 1 Course Transcript for that student.</li> <li>• If you are reporting 2 Student Section Associations for a given student, IDOE expects 2 Course Transcripts for that student.</li> <li>• Etc.</li> </ul>

Action	Business Rule
DELETE / POST PUT	<p>A DELETE / POST is performed if the data element being altered is part of the resource's natural key. A PUT is performed otherwise.</p> <ul style="list-style-type: none"> <li>When the following information on the course changes: <ul style="list-style-type: none"> <li>Active</li> <li>Name</li> <li>Number</li> <li>State Code</li> <li>State Report Exclude</li> <li>Transcript</li> <li>SCED Sequence</li> </ul> </li> <li>When the following information on the enrollment changes: <ul style="list-style-type: none"> <li>End Date</li> <li>End Status</li> <li>Grade</li> <li>No Show</li> <li>Start Date</li> <li>State Exclude</li> <li>Start Status</li> </ul> </li> <li>When the following information on the transcript changes: <ul style="list-style-type: none"> <li>Transcript ID (New Transcript Entry)</li> <li>Course Name</li> <li>Course Number</li> <li>District Number</li> <li>End Year</li> <li>Grade</li> <li>School Number</li> <li>Score</li> <li>Score ID</li> <li>Unweighted GPA Value</li> <li>Credit Earned Method</li> <li>Credits Attempted</li> <li>Credits Earned</li> <li>Ed-Fi Term Override</li> <li>Dual Credit</li> <li>Applied Units</li> <li>Ed-Fi Course Result Override</li> </ul> </li> </ul>
DELETE	When the transcript record is deleted.

## Error Log

Error	Possible Causes / How to Correct
Transcript ID [TranscriptID] in Group [GroupName] does not have a valid School Number entered. Please enter a valid School Number.	<p>Where [TranscriptID] is replaced with the erroneous TranscriptID. Where [GroupName] is replaced with the group name (e.g 22-23 - SchoolName - Grade) the erroneous TranscriptID is in.</p> <p>This error is caused when a manual transcript entry has a blank <b>School Number</b>. Go to the transcriptID mentioned in the error and add a School Number.</p>
Transcript ID [TranscriptID] in Group [GroupName] does not have a valid District Number entered. Please enter a valid District Number.	<p>Where [TranscriptID] is replaced with the erroneous TranscriptID. Where [GroupName] is replaced with the group name (e.g 22-23 - SchoolName - Grade) the erroneous TranscriptID is in.</p> <p>This error is caused when a manual transcript entry has a blank <b>District Number</b>. Go to the transcriptID mentioned in the error and add a District Number.</p>
Transcript ID [TranscriptID] in Group [GroupName] does not have a valid Course Name entered. Please enter a valid Course Name.	<p>Where [TranscriptID] is replaced with the erroneous TranscriptID. Where [GroupName] is replaced with the group name (e.g 22-23 - SchoolName - Grade) the erroneous TranscriptID is in.</p> <p>This error is caused when a manual transcript entry has a blank <b>Course Name</b>. Go to the transcriptID mentioned in the error and add a Course Name.</p>

Transcript ID [TranscriptID] in Group [GroupName] does not have a valid State Code entered. Please enter a valid State Code.	<p>Where [TranscriptID] is replaced with the erroneous TranscriptID. Where [GroupName] is replaced with the group name (e.g 22-23 - SchoolName - Grade) the erroneous TranscriptID is in.</p> <p>This error is caused when a manual transcript entry has a blank <b>State Code</b>. Go to the transcriptID mentioned in the error and add a State Code.</p>
Transcript ID [TranscriptID] in Group [GroupName] does not have a valid Unweighted GPA Value entered. Please enter a valid Unweighted GPA Value.	<p>Where [TranscriptID] is replaced with the erroneous TranscriptID. Where [GroupName] is replaced with the group name (e.g 22-23 - SchoolName - Grade) the erroneous TranscriptID is in.</p> <p>This error is caused when a manual transcript entry has a blank <b>Unweighted GPA Value</b>. Go to the transcriptID mentioned in the error and add an Unweighted GPA Value.</p>
Transcript ID [TranscriptID] in Group [GroupName] does not have a valid Ed-Fi Term Type entered. Please enter a valid Ed-Fi Term Type.	<p>Where [TranscriptID] is replaced with the erroneous TranscriptID. Where [GroupName] is replaced with the group name (e.g 22-23 - SchoolName - Grade) the erroneous TranscriptID is in.</p> <p>This error is caused when a manual transcript entry has a blank <b>Ed-Fi Term Type</b>. Go to the transcriptID mentioned in the error and add an Ed-Fi Term Type.</p>

## Object Data Elements

Any data elements not listed here are not sent with the Ed-Fi record in Indiana. Data elements in **bold** are part of the natural key.

Data Element Label	Business Rules	Mandatory (M), Conditional (C), or Optional (O)	Location
<b>courseAttemptResultDescriptor</b>	<p>Report the <b>Ed-Fi Course Result Override</b>.</p> <ul style="list-style-type: none"> <li>If NULL, follow the logic below.</li> </ul> <p>Report based on the Ed-Fi Code mapped to each specific description. The default settings are listed below (but the mappings can be changed in Resource Preferences):</p> <ul style="list-style-type: none"> <li>Report <b>No Grade Awarded</b> when the sum of Credits Attempted is 0.</li> <li>Report <b>Fail</b> when the sum of Credits Earned is 0.</li> <li>Report <b>Incomplete</b> when the sum of Credits Earned &lt; the sum of Credits Attempted.</li> <li>Report <b>Pass</b> when the sum of Credits Earned &gt;= the sum of Credits Attempted.</li> </ul>	M	<p>Transcripts &gt; Ed-Fi Cou Override</p> <p>Transcripts &gt; Credits E Transcripts &gt; Credits A</p> <p>TranscriptCourse.edFiC TranscriptCredit.credits TranscriptCredit.credits</p>
<b>courseReference</b>	<p>Reports the fields that are part of the Natural Key for the Course resource.</p> <ul style="list-style-type: none"> <li>courseCode = <b>State Code</b></li> <li>educationOrganizationId = <b>1088000000</b> (Hard-Coded) <ul style="list-style-type: none"> <li>This is IDOE's educationOrganizationId. IDOE owns all courses.</li> </ul> </li> </ul>	M	N/A
externalEducationOrganizationReference	<p>Report the code value associated with the value selected for <b>Post Secondary Institution</b> on the transcript entry.</p> <ul style="list-style-type: none"> <li>Example: If Post Secondary Institution was set to the value '2000000174: Anderson University' then we would report <b>2000000174</b> for the educationOrganizationId.</li> </ul>	C	<p>Transcripts &gt; Post Secc</p> <p>TranscriptCourse.colleg</p>
<b>studentAcademicRecordReference</b>	<p>Reports the fields that are part of the Natural Key for the Student Academic Record resource.</p>	M	N/A

Data Element Label	Business Rules	Mandatory (M), Conditional (C), or Optional (O)	Location
alternativeCourseCode	Reports the <b>Course Number</b> on the transcript entry.	O	Transcripts > Course N transcriptcourse.course
attemptedCredits	Report the <b>Credits Attempted</b> on the transcript entry.	O	Transcripts > Credits A transcriptcredit.credits/
CourseTitle	Reports the <b>Course Name</b> on the transcript entry.	O	Transcripts > Course N transcriptcourse.course
earnedCredits	Reports the <b>Credits Earned</b> .	M	Transcripts > Earned transcriptcredit.creditsf
earnedCreditTypeID	<ul style="list-style-type: none"> <li>Report as <b>Dual Credit</b> if <i>Post Secondary Institution</i> has a value that is mapped to an Ed-Fi Code.</li> <li>Report as <b>Applied Unit</b> if <i>Applied Units</i> is set to <i>Y: Attempted Applied Units</i></li> <li>Report as <b>Regular Credit</b> in all other scenarios.</li> </ul> <p>The priority for reporting is Dual Credit &gt; Applied Unit &gt; Regular Credit</p>	C	Transcript > Post Secor Applied Units  TranscriptCourse.colleg TranscriptCourse.altAct
finalLetterGradeEarned	Report the <b>Score</b> .	C	Transcripts > Current S transcriptcourse.score
finalNumericGradeEarned	Report the <b>Unweighted GPA Value</b> : <ul style="list-style-type: none"> <li>Only report in format N.N or 0.</li> <li>Only report on a scale from 0 to 4.0</li> <li>Round up to the nearest tenth decimal if the reported score is N.N5 or higher.               <ul style="list-style-type: none"> <li>Example: 3.651 should round up to report as 3.7.</li> </ul> </li> <li>Round down to the nearest tenth decimal if the reported score is less than N.N5               <ul style="list-style-type: none"> <li>Example: 3.649 should round down to report as 3.6.</li> </ul> </li> <li>Anything above a 4.0 will report as 4.0.</li> </ul>	M	Transcript > Score  TranscriptCourse.unwei
methodCreditEarnedType	Report the Ed-Fi Code mapped to the value selected in <b>Credit Earned Method</b> on the transcript entry.	M	Transcripts > Credit Ea TranscriptCourse.credit
whenTakengradeLevelDescriptor	Report the Ed-Fi Code mapped to the value selected for <b>Grade</b> on the transcript entry.	O	Transcripts > Grade TranscriptCourse.grade
externalEducationOrganizationNameOfInstitution	If <i>externalEducationOrganizationReference</i> fails to send because the code that attempted to send does not match a pre-populated record in the <i>postSecondaryInstitutions</i> resource, then report the <b>Name</b> of the value selected for <b>Post Secondary Institution</b> on the transcript entry. <ul style="list-style-type: none"> <li>Example: If Post Secondary Institution was set to the value '00: Not Applicable' then we would report <b>Not Applicable</b> for the <i>externalEducationOrganizationNameOfInstitution</i>.</li> </ul>	C	Transcripts > Post Secc TranscriptCourse.colleg

## Descriptors

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