

# Student Academic Records (Georgia v3.6.1)

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Tool Search: Ed-Fi

This educational entity represents the cumulative record of academic achievement for a student.

## Object Triggering Logic

This table describes logic for triggering syncing of this object.

| Action          | Trigger  |
|-----------------|--|
| Post            | <p>Report a record for each unique Ed-Fi termDescriptor in the current configuration year in which the student has a transcript record.</p> <ul style="list-style-type: none"> <li>Do not report a record if the any of the following exclusions are present: <ul style="list-style-type: none"> <li>Enrollment State Exclude</li> <li>Enrollment No Show</li> <li>Enrollment Grade Exclude from State Reporting</li> <li>Calendar Exclude</li> <li>School Exclude</li> <li>Transcript's Score is NULL</li> </ul> </li> <li>The transcript can be posted through the Transcript Post tool or manually.</li> <li>When the Ed-Fi termDescriptor cannot be determined on a Transcript record, provide an error with the following message: "Could not identify a valid term type for transcript record."</li> </ul> |
| 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 will be performed otherwise.</p> <ul style="list-style-type: none"> <li>When the following information on a transcript record is changed: <ul style="list-style-type: none"> <li>Transcript ID (New Transcript Entry)</li> <li>Ed-Fi Term Type</li> </ul> </li> </ul>   |
| Delete          | <ul style="list-style-type: none"> <li>When all transcript records related to the termDescriptor being reported are deleted.</li> <li>When all of the reportable enrollments for the student are deleted.</li> </ul>   |

## School Exclude, Calendar Exclude, Resource Toggle and Resync Logic

This table describes the School Exclude, Calendar Exclude, Resource Toggle and Resync logic of this object.

| 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.   |
| Delete | If a resource is toggled to 'OFF' after data has sent and an action is performed that would trigger a delete, that data will remain in the ODS until a resync is done. |
| 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.                                       |

| Action | Trigger  |
|--------|--|
| 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

This table describes the Natural Key Changes/Cascading Updates and Deletes logic of this object.

| Action              | Trigger  |
|---------------------|--|
| Delete/Post         | If any part of the Natural Key Changes <ul style="list-style-type: none"> <li>If the District Number changes all data will remain under the old number. The delete tool would need to be used to remove all old data.</li> </ul> |
| Delete/Post         | If an Ed-Fi ID changes, this will happen with the cascading deletes from the Ed-Fi ID Change trigger.  |
| Delete/Post         | If the End Year the transcript record or diploma record is aligned to changes.   |
| Delete/Post         | If the Term Descriptor is changed.   |
| Delete/Post         | If the natural key changes all dependent resources will delete/post.   |
| Dependent Resources | Course Transcripts   |

## Scope Year Logic

This table describes scope year logic of this object.

| Logic   |
|---|
| Records will send to each scope year in which the Course Transcript record is posted.   |
| Records will only post to the SAR records for the year the diploma date occurs in but SAR records will post to all scoped years. <ul style="list-style-type: none"> <li>The Diploma Date must be on or after the school year's start date and on or before the school year's end date defined in the School Years editor. If blank, the default start date of 7/1/xxxx and end date of 6/30/xxxx are used.</li> </ul> |
| Data will only send for years that have a valid configuration.  |

## Resource Preferences

This table describes the Resource Preferences of this object.

| Data Element Label       | Mapping Needed          |
|--------------------------|-------------------------|
| Diploma Type Descriptors | Graduation Diploma Type |

## Identity Mapping Object Key

This table describes the Resource Preferences of this object.

| Campus Object Type | Object Key Data Source |
|--------------------|------------------------|
| TranscriptCourse   | transcriptID           |
| Graduation         | graduationID           |

## Event Queue Detail

This table describes the Event Queue Detail of this object.

| Campus Table     | Ed-Fi Action    | Fields   |
|------------------|-----------------|--|
| transcriptcourse | Post/Put/Delete | The primary table used for sending data for this resource.   |
| graduation       | Post/Put/Delete | The primary table used for sending data for this resource.   |
| transcriptcredit | Put             | cumulativeAttemptedCredits, cumulativeEarnedCredits, sessionAttemptedCredits, sessionEarnedCredits |

## Object Data Elements

This table describes data elements sent within the Student Academic Records resource.

| Data Element Label    | Business Requirement and Business Rules  | M, C or O | Data Source GUI Path | Database Field |
|-----------------------|--|-----------|----------------------|----------------|
| <b>termDescriptor</b> | <p>The term for the session during the school year.</p> <ul style="list-style-type: none"> <li>When reporting Transcript records posted using the Transcript Post tool (have an associated scoreID): <ul style="list-style-type: none"> <li>Report the Ed-Fi Code mapped to</li> </ul> </li> </ul> | M         | N/A                  | N/A            |

| Data Element Label | Business Requirement and Business Rules<br>the value selected for Ed-Fi Term Type on the transcript entry.   | M, C or O | Data Source GUI Path | Database Field |
|--------------------|--|-----------|----------------------|----------------|
|                    | <ul style="list-style-type: none"> <li>◦ If Transcript Ed-Fi Term Type is NULL, report the Ed-Fi Code mapped to the value selected for the Section <b>Ed-Fi Term Descriptor Override</b> (Sessions Resource Preferences override mapping).</li> <li>◦ If Section Ed-Fi Term Descriptor Override is NULL, report the Ed-Fi Code mapped to the value selected for the Course <b>Ed-Fi Term Descriptor Override</b> (Sessions Resource Preferences override mapping).</li> <li>◦ If the Course Ed-Fi Term Descriptor Override is NULL, report the Ed-Fi Code mapped to the Term the course is being offered in (Sessions Resource Preferences main mapping).</li> <li>◦ If the Ed-Fi Code cannot be determined for the Term, report the Ed-Fi Code mapped to the <b>Ed-Fi Transcript Term Override</b> (Student Academic Records Resource Preferences).</li> <li>◦ If no Ed-Fi Code can be determined, provide the error: "Could not identify a valid term type"</li> </ul> |           |                      |                |

| Data Element Label                     | Business Requirement and Business Rules<br>for transcript record."<br>• When reporting Transcript records that are manually added (no scoreID):  | M, C or O | Data Source GUI Path  | Database Field  |
|--|--|-----------|---|---|
|  | <ul style="list-style-type: none"> <li>◦ Report the Ed-Fi Code mapped to the value selected for <b>Ed-Fi Term Type</b> on the transcript record.</li> <li>◦ If the transcript Ed-Fi Term Type is NULL, report the Ed-Fi Code mapped to the <b>Ed-Fi Transcript Term Override</b> (Student Academic Records Resource Preferences).</li> <li>◦ If no Ed-Fi Code can be determined, provide the error: "Could not identify a valid term type for transcript record."</li> </ul>                       |           |   |   |
| <b>educationOrganization Reference</b> | <p>A reference to the related Education Organization resource.</p> <p>Reports the fields that are part of the Natural Key for the Local Education Agencies resource.</p> <ul style="list-style-type: none"> <li>• educationOrganizationId = <b>Ed-Fi School Number</b> <ul style="list-style-type: none"> <li>◦ If the Ed-Fi School Number cannot be determined (manual transcript / no scoreID), reports the <b>Transcript District Number + Transcript School Number</b>.</li> </ul> </li> </ul> | M         | School > Ed-Fi School Number<br><br>Transcript > District Number, School Number | School.entityID<br><br>TranscriptCourse.districtNumber<br><br>TranscriptCourse.schoolNumber |

| Data Element Label             | Business Requirement and Business Rules  | M, C or O | Data Source GUI Path | Database Field |
|--------------------------------|--|-----------|----------------------|----------------|
| <b>schoolYearTypeReference</b> | A reference to the related SchoolYearType resource.<br><br>Reports the <b>End Year</b> of the associated School Year selected.     | M         | N/A                  | N/A            |
| <b>studentReference</b>        | A reference to the related Student resource.<br><br>Reports the fields that are part of the Natural Key for the Students resource. | M         | N/A                  | N/A            |

## Descriptors

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### termDescriptor

| Ed-Fi Code Value | Description   | Namespace                      | Short Description |
|------------------|---------------|--------------------------------|-------------------|
| N1               | 1st Nine Week | uri://gadoe.org/TermDescriptor | 1st Nine Week     |
| 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 Trimster  | uri://gadoe.org/TermDescriptor | 1st Trimster      |
| T2               | 2nd Trimster  | uri://gadoe.org/TermDescriptor | 2nd Trimster      |
| T3               | 3rd Trimster  | uri://gadoe.org/TermDescriptor | 3rd Trimster      |
| 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      |

| Ed-Fi Code Value | Description            | Namespace                      | Short Description      |
|------------------|------------------------|--------------------------------|------------------------|
| 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 |