Student Academic Records (Indiana v3.6)

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Tool Search: Ed-Fi

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

The Sessions, Course Offerings, and Sections resources all need to be present for the Student Academic Records resource to process and send.

Object Triggering Logic

Action	Trigger
Post	Report a Student Academic Record instance for each school year in which the student has a transcript record and they have a Student School Association record for the configured year. • When Term Type cannot be determined on a Transcript record, provide an error with the following message, "Could not identify valid term type for transcript record". • Will post to update the Cumulative Earned Credits and Cumulative Attempted Credits fields when the Attempted and Earned Credit fields are updated or a new transcript record is added added/deleted with an Attempted/Earned Credit Value that is not null and is greater than 0. • Does not send a record if the transcript's score is blank.

Action	Trigger

Post/Put	When a student is given a Diploma Date and Diploma Type.
	• Only post for the records in the Student Academic Record (SAR) and configured year the Diploma Date is associated.
	    ◦ If a student has an enrollment with a Local Start Status that is mapped to the State Start Status of 999: Past Year School Graduate **AND** that enrollment is marked as State Exclude, perform a POST regardless of if the Diploma Date is within the configured year.
	• If the student already has SAR records from posted Transcript records, update existing records with the Diploma information.
	    ◦ If all of the student's transcript records are deleted, a new SAR will post from the Diploma Record
	• If the student does not have any SAR records from posted Transcript records, create one SAR record to report the Diploma information.
	    ◦ If the Term Descriptor cannot be determined, provide an error with the following message, "Could not identify a valid term type for diploma record".
	    ◦ If the Diploma date and/or Diploma Type fields are made NULL, the SAR record deletes.

Action	Trigger
Post/Put	If the updated data element is part of the Natural Key for the resource, a POST is performed. If the updated data element is NOT part of the Natural Key for the resource, a PUT is performed. When the following course-related information is updated: • Active • State Code • State Report Exclude When the following enrollment-related information is updated: • End Status • Start Date • End Date • Grade • No Show • State Exclude When the following graduation-related information is updated: • Diploma Date • Diploma Period • Diploma Type • Employability Skills • Local Pathway • Postsecondary-Ready Competencies When the following transcript-related information is updated: • Score • Ed-Fi Term Override • End Year • GPA Value • GPA Weight • School Number • Unweighted GPA Value • Credits Attempted • Credits Earned
Delete	If records are posted from course transcript records and no Diploma information exits, all Student Academic Records will only delete when a student has only one Student School Association record for a specific year and all Student School Association records are deleted.
Delete	If a Graduation record is deleted and the student does not have any transcript records that would create a Student Academic Record.
Delete	If the Diploma Date is changed to no longer occur in the configured year and the student does not have any transcript records that would create a Student Academic Record.

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.
Delete	If a resource is toggled to 'OFF" after data has sent and an action is performed that would trigger a delete, that data remains 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 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
Delete/Post	If any part of the Natural Key Changes • If the District Number changes all data remains under the old number. The delete tool would need to be used to remove all old data. • If an Ed-Fi ID changes, this will happen with the cascading deletes from the Ed-Fi ID Change trigger. • If the End Year the transcript record or diploma record is aligned to changes. • If the Term Descriptor is changed in Sessions Resource Preferences or if the Transcript Term Override is changed in Student Academic Record Resource Preferences. • If the Diploma Date changes. • If the natural key changes all dependent resources will delete/post.
Dependent Resources	Course Transcripts

Scope Year Logic

Logic
Records send to each scope year in which the Course Transcript record is posted.

Logic
Records only post to the SAR records for the year the diploma date occurs in but SAR records post to all scoped years.   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.
Data will only send for years that have a valid configuration.

Resource Preferences

Data Element Label	Mapping Needed
Ed-Fi Transcript Term Override	Term Descriptor for Course Transcripts
Term Descriptor	Term Descriptor for Course Transcripts
Graduation Diploma Type	Diploma Type Descriptors
Graduation Diploma Type	Achievement Category Descriptors

Identity Mapping Object Key

campusObjectType	Object Key Data Source
TranscriptCourse	transcriptID
Graduation	graduationID

Event Queue Detail

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 Labels in **bold** are part of the Natural Key and are required data elements for Data to send to Ed-Fi.

▶ Click here to expand...

Arrays

▶ Click here to expand...

Type/Descriptor

▶ Click here to expand...