Student Academic Records (Nebraska v3.6)

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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	Report a StudentAcademicRecord instance for each school year in which the student has a transcript record and they have a Student School Association record for the scoped 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". - We 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. - Do not send a record if the transcript's score is null. - If the 'Current year records only?' checkbox is marked in the Student Academic Records Resource Preferences tool, then only report records for the current year. - If Grade Levels to Send have been selected in the Student Academic Records Resource Preferences tool, then only report records for the selected grade levels. If no grade levels are selected, all grade levels will send.
Post/Put	When a student is given a Diploma Date and Diploma Type. - Only post for the records in the Scope Year the Diploma Date is associated. - 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 1 record with the Term Descriptor that is aligned to the Term that the Diploma Date occurs in. - If the Diploma date and/or Diploma Type fields are made NULL, the SAR record will delete.
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 1 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

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.
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 • 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.
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. • 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

This table describes the Resource Preferences of this object.

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

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	M, C or O	Data Source GUI Path Database Field
id	The unique identifier of the resource.	M	

Data Element Label	Business Requirement	M, C or O	Data Source GUI Path Database Field
termDescriptor	The term for the session during the school year. Report the Ed-Fi code for the value selected in "Ed-Fi Transcript Term Override" field on the transcript. • If NULL, Report the Term Descriptor based on the Course Term Type Override, else Section Term Type Override. When the Ed-Fi Transcript Term Override and both the Course Term and the Section Term Override fields are Null, report the Term Descriptor for the term aligned to the Grading Score for the posted Grade. Else, report the Ed-Fi Code from the Ed-Fi Transcript Term Descriptor Override in the SAR preferences. If an Term cannot be determined, provide error. When the SAR is posted only from the Graduation Record because there are no Course Transcripts records for the student, report the Ed-Fi Term Descriptor from the Sessions Resource Preferences that the Diploma Date falls in. • If the Diploma Date is outside of any of the Term Dates for that School Year, report the Ed-Fi Term Descriptor from the Term with the latest End Date. • If the Diploma Date is aligned to more than 1 Term Descriptor, report the value from the highest TermId.	M	
educationOrganizationReference	A reference to the related EducationOrganization resource. Reports the District Number.	M	

Data Element Label	Business Requirement	M, C or O	Data Source GUI Path Database Field
schoolYearTypeReference	A reference to the related SchoolYearType resource.

Reports the end year for the transcript record being reported.

Reports the end year to which the Diploma Date is aligned. | M | |
| **studentReference** | A reference to the related Student resource.

Reports the fields that are part of the Natural Key for the Student resource. | M | |
| academicHonors | An unordered collection of studentAcademicRecordAcademicHonors. This educational entity represents the cumulative record of academic achievement for a student.

This is optional, does not report. | O | |
| classRanking | This educational entity represents the cumulative record of academic achievement for a student.

This is optional, does not report. | O | |
| cumulativeEarnedCreditConversion | 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	M, C or O	Data Source GUI Path Database Field
cumulativeAttemptedCredits	The cumulative number of credits an individual earns by completing courses or examinations during his or her enrollment in the current school as well as those credits transferred from schools in which the individual had been previously enrolled. Sum the total number of credits the student has attempted based on the total number of Credits Attempted the student has in the Transcript Credit table. Report '0' if the student does not have any Attempted Credits Earned. • This value will be the same for all Student Academic Records that are being updated, regardless of Term Type or Year. • If the student does not have any Course Transcript records and is only reporting from Graduation, this field will be NULL.	O	Student Information> General> Transcripts Calculated value from the attempted credit field in the transcriptcredit table
cumulativeAttemptedCreditTypeDescriptor	The type of credits or units of value awarded for the completion of a course. This is optional, does not report.	O	
cumulativeAttemptedCreditConversion	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	M, C or O	Data Source GUI Path Database Field
cumulativeEarnedCredits	The cumulative number of credits an individual earns by completing courses or examinations during his or her enrollment in the current school as well as those credits transferred from schools in which the individual had been previously enrolled. Sum the total number of credits the student has earned based on the total number of Credits Earned the student has in the Transcript Credit table. • Report '0' if the student does not have any Credits Earned. This value will be the same for all Student Academic Records that are being updated, regardless of Term Type or Year. • If the student does not have any Course Transcript records and is only reporting from Graduation, this field will be NULL.	O	Student Information> General> Transcripts Calculated value from the earned credit field in the transcriptcredit table
cumulativeEarnedCreditTypeDescriptor	The type of credits or units of value awarded for the completion of a course. This is optional, does not report.	O	
cumulativeGradePointAverage	A measure of average performance in all courses taken by an individual during his or her school career as determined for record-keeping purposes. This is obtained by dividing the total grade points received by the total number of credits attempted. This usually includes grade points received and credits attempted in his or her current school as well as those transferred from schools in which the individual was previously enrolled. This is optional, does not report.	O	

Data Element Label	Business Requirement	M, C or O	Data Source GUI Path Database Field
cumulativeGradePointsEarned	The cumulative number of grade points an individual earns by successfully completing courses or examinations during his or her enrollment in the current school as well as those transferred from schools in which the individual had been previously enrolled. This is optional, does not report.	O	
diplomas	An unordered collection of studentAcademicRecordDiplomas. This educational entity represents the cumulative record of academic achievement for a student. Reports when a student is given a Diploma Date and Diploma Type on their Graduation Record. • Only report in the Scope Year the Diploma Dates falls. • This value will be the same for all Student Academic Records that are being updated, regardless of Term Type.	O	
gradeValueQualifier	The scale of equivalents, if applicable, for grades awarded as indicators of performance in schoolwork. For example, numerical equivalents for letter grades used in determining a student's Grade Point Average (A=4, B=3, C=2, D=1 in a four-point system) or letter equivalents for percentage grades (90-100%=A, 80-90%=B, etc.). This is optional, does not report.	O	
projectedGraduationDate	The month and year the student is projected to graduate. This is optional, does not report.	O	
recognitions	An unordered collection of studentAcademicRecordRecognitions. This educational entity represents the cumulative record of academic achievement for a student. This is optional, does not report.	O	

Data Element Label	Business Requirement	M, C or O	Data Source GUI Path Database Field
reportCards	An unordered collection of studentAcademicRecordReportCards. This educational entity represents the cumulative record of academic achievement for a student. This is optional, does not report.	O	
sessionAttemptedCreditConversion	Conversion factor that when multiplied by the number of credits is equivalent to Carnegie units. This is optional, does not report.	O	
sessionAttemptedCredits	The number of an credits an individual attempted to earn in this session. Sum the total number of credits the student has attempted in the reporting session based on the total number of Credits Attempted the student has in the Transcript Credit table. • Sum the transcript records that are in the same end year and are aligned to the same Term Descriptor as the Student Academic Record. • Report '0' if the student does not have any Credits Earned. If the student does not have any Course Transcript records and is only reporting from Graduation, this field will be NULL.	O	Student Information> General> Transcripts Calculated value from the attempted credit field in the transcriptcredit table
sessionAttemptedCreditTypeDescriptor	Key for Credit. This is optional, does not report.	O	
sessionEarnedCreditConversion	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	M, C or O	Data Source GUI Path Database Field
sessionEarnedCredits	The number of an credits an individual earned in this session. Sum the total number of credits the student has earned in the reporting session based on the total number of Credits Earned the student has in the Transcript Credit table. • Sum the transcript records that are in the same end year that are aligned to the same Term Descriptor as the Student Academic Record. • Report '0' if the student does not have any Credits Earned. If the student does not have any Course Transcript records and is only reporting from Graduation, this field will be NULL.	O	Student Information> General> Transcripts Calculated value from the earned credit field in the transcriptcredit table
sessionEarnedCreditTypeDescriptor	Key for Credit. This is optional, does not report.	O	
sessionGradePointsEarned	The number of grade points an individual earned for this session. This is optional, does not report.	O	
sessionGradePointAverage	The grade point average for an individual computed as the grade points earned during the session divided by the number of credits attempted. This is optional, does not report.	O	
etag	A unique system-generated value that identifies the version of the resource. This is optional, does not report.	O	

Arrays

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Diplomas

Data Element Label	Business Requirement	M, C or O	Data Source GUI Path Database Field
DiplomaTypeDescriptor	The type of diploma/credential that is awarded to a student in recognition of his/her completion of the curricular requirements. Report the Ed-Fi Code for the Diploma Type selected.	M	Student Information> General> Graduation graduation.diplomaType
diplomaAwardDate	The month, day, and year on which the student met graduation requirements and was awarded a diploma. Report the Diploma Date.	M	Student Information> General> Graduation graduation.diplomaDate
achievementCategoryDescriptor	This descriptor defines the category of achievement attributed to the learner. Report the Ed-Fi Code from the mapping for this field based on the Diploma Type the student associated.	M	Student Information> General> Graduation graduation.diplomaType
diplomaLevelDescriptor	The type of diploma/credential that is awarded to a student in recognition of his/her completion of the curricular requirements. Minimum high school program Recommended high school program Distinguished Achievement Program. This is optional, does not report.	O	
achievementCategorySystem	The system that defines the categories by which an achievement is attributed to the learner. This is optional, does not report.	O	
achievementTitle	The title assigned to the achievement. This is optional, does not report.	O	
criteria	The criteria for competency-based completion of the achievement/award. This is optional, does not report.	O	
criteriaURL	The Uniform Resource Locator (URL) for the unique address of a web page describing the competency-based completion criteria for the achievement/award. This is optional, does not report.	O	

Data Element Label	Business Requirement	M, C or O	Data Source GUI Path Database Field
cteCompleter	Indicated a student who reached a state-defined threshold of vocational education and who attained a high school diploma or its recognized state equivalent or GED. This is optional, does not report.	O	
diplomaAwardExpiresDate	Date on which the award expires. This is optional, does not report.	O	
diplomaDescription	The description of diploma given to the student for accomplishments. This is optional, does not report.	O	
evidenceStatement	A statement or reference describing the evidence that the learner met the criteria for attainment of the achievement. This is optional, does not report.	O	
imageURL	The Uniform Resource Locator (URL) for the unique address of an image representing an award or badge associated with the achievement. This is optional, does not report.	O	
issuerName	The name of the agent issuing the award. This is optional, does not report.	O	
issuerOriginURL	The Uniform Resource Locator (URL) from which the award was issued. This is optional, does not report.	O	

Type/Descriptor

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Diploma Type Descriptor

Code Value	Description
Alternative credential	Alternative credential
Apprenticeship Certificate	Industry-recognized Certification
Career and Technical Education certificate	Career and Technical Education certificate
Certificate of Attendance	Certificate of Attendance
Certificate of Completion	Certificate of Completion
Endorsed Advanced Diploma	Endorsed Advanced Diploma
General Educational Development (GED) credential	General Educational Development (GED) credential
Certificate of completion	Certificate of completion
High School Equivalency credential, other than GED	High School Equivalency credential, other than GED
Industry recognized certification	Industry recognized certification
International Baccalaureate	International Baccalaureate
Modified diploma	Modified diploma
Occupational License	Occupational License
Other	Other
Other diploma	Other diploma
Post graduate certificate (grade 13)	Post graduate certificate (grade 13)
Regents diploma	Regents diploma
Regular diploma	Regular diploma

Achievement Category Descriptors

Code Value	Description
Diploma Earned	Diploma Earned
Notated	Notated
Other Credential	Other Credential