Course Offerings (Kansas v3.6)

Last Modified on 01/23/2026 9:17 am CST

[Object Triggering Logic](#) | [Object Data Elements](#)

Tool Search: Ed-Fi

This entity represents an offering of a course by school during a session, representing the course catalog of available courses.

Object Triggering Logic

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	When a section with Section Placement is created and saved. • One (1) record reports per Course and Term Type combination. • A course MUST have a State Code present to report. • Does not send when the course is NOT marked as Active. • Does not send records when the Calendar Exclude checkbox is marked. • Does not send a record when the School Exclude checkbox is marked. • Does not post a record when the course is marked as Exclude from State Reporting.
Delete/Post	When the Course Number is changed.
Delete/Post	When the Term Descriptor changes either via section placement or mapping override and a course offering already exists with non-matching Term Descriptors.
Put	When Course information is changed and saved. • Course ID (New Course) • Course Code • Course Title • Course Level Characteristic Descriptor
Delete	When a section is deleted.
Delete	When a section schedule placement is removed and saved.
Delete/Post	When there are two Sections with the same natural key and 1 is deleted, the other record posts with the remaining records data.

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	When a resource is toggled to OFF after data has sent, all sent data remains in the ODS but no new data sends.
Delete	When 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	When 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	When 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	When a mapping is changed in Resource Preferences, a resync is needed 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	When any of the following changes in the Schools resource: • When the School Number/Ed-Fi School Number changes, a delete/post occurs with the cascading deletes from the School ID Change triggers. When the Course Number changes. When the Session Name changes to which the Course Offering is aligned. When the natural key changes all dependent resources are deleted/posted.
Dependent Resources	Sections Staff Section Associations Student Section Associations

Scope Year Logic

This table describes scope year logic of this object.

Logic
Course Offerings report to the configured year to which they are aligned.
Data only sends for years that have valid configuration.

Identity Mapping Object Key

campusObjectType	Object Key Data Source
Section	sectionID-termID

Event Queue Detail

This table describes the Event Queue Detail of this object.

Campus Table	Ed-Fi Action	Fields
course	Post/Put/Delete	The primary table used for sending data for this resource.
sectionplacement	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 Offerings 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 Requirements and Rules	Mandatory, Conditional or Ooptional	Location
id	The unique identifier of the resource	M	
localCourseCode	The local code assigned by the he school or district to identify an individual course. Reports the Course Number value.	M	Scheduling & Courses > Courses > Course Information > Course Number Course.number
courseReference	A reference to the related Course resource. See Array section below for Reference Array.	M	
schoolReference	A reference to the related School resource. Reports the fields that are part of the Natural Key for the School resource. • See Array section below for Reference Array.	M	

Data Element Label	Business Requirements and Rules	Mandatory, Conditional or Ooptional	Location
sessionReference	A reference to the related Session resource. Reports the fields that are part of the Natural Key for the Session resource. • Term Descriptor reports based on section schedule placement of the sections of the course. • When Term Descriptor Override is marked and there is an existing mapping for the course, Term Descriptors report based on the mappings per the section schedule placement of the sections of the course.	M	
courseLevelCharacteristics	Course level value for the course. Reports the mapped Ed-Fi Course value of the Course Level selected. When blank, does not report.	M	Scheduling & Courses > Course Information > Custom Data Elements > Course Level Course.courseLevel
curriculumUsed	An unordered collection of courseOfferingCurriculumUseds. This entity represents an offering of a course by school during a session, representing the course catalog of available courses. This is optional, does not report.	O	
instructionalTimePlanned	The planned total number of clock minutes of instruction for this course offering. Generally, this should be at least as many minutes as is required for completion by the related state- or district-defined Course. This is optional, does not report.	O	

Data Element Label	Business Requirements and Rules	Mandatory, Conditional or Ooptional	Location
localCourseTitle	The descriptive name given to a course of study offered in the school, when different from the Course Title. Reports the Course Name.	O	Course Information > Name Course.name
offeredGradeLevels	The grade levels in which the course is offered. For each Course State Code, reports the Ed-Fi Grade Level Descriptor associated with the selected Grade Level.	O	Course Information > Grade Level Course.grade
courseCredits	Reports the credits value for the Course. Reports the sum of the credit value for all Grading Tasks marked as state-reported, rounded to the nearest hundredth decimal position.	O	Scheduling & Courses > Courses > Course Grading Tasks > Credit GradingTaskCredit.credit
courseSequence	Reports the course sequence from the location indicated.	O	Scheduling & Courses > Courses > Course Information > Custom Data Elements > Sequence Sequence.course
totalCourseSequence	Reports the total course sequence from the location indicated.	O	Scheduling & Courses > Courses > Course Information > Custom Data Elements > Sequence Total Course.sequenceTotal
courseDeliveryTypeDescriptor	Reports the mapped Ed-Fi code value of the Delevery Type selected. When blank, does not report.	O	Scheduling & Courses > Courses > Course Information > Custom Data Elements > Delivery Type Course.deliveryType

Data Element Label	Business Requirements and Rules	Mandatory, Conditional or Ooptional	Location
courseProgramTypeDescriptor	Reports the mapped Ed-Fi code value of the Targeted Program selected. When blank, does not report.	O	Scheduling & Courses > Courses > Course Information > Custom Data Elements > Targeted Program Course.targetedProgram

Arrays

▸ Click here to expand...

Reference Arrays

Data Element Label	Business Requirements and Rules	Mandatory, Conditional or Optional	Location
courseReference	A reference to the related Course resource • Course Code is a combination of the state subject area code and the state course identifier. • Education Organization ID is always the KS state education organization id value of 100000000. Matches to the State Ed-Fi Course which is loaded into the ODS by the state. Report as follows: • courseCode = course.stateCode • educationOrganizationID = 100000000 This is a hardcoded value for the KS state education organization ID.	M	Scheduling & Courses > Courses > Course Information > State Code Course.stateCode

Type Descriptors

▸ Click here to expand...

Course Delivery Type Descriptor

Code Value	Description	Name Space	Short Description
D	Distance Learning	uri://ksde.org/CourseDeliveryTypeDescriptor	Distance Learning
G	General	uri://ksde.org/CourseDeliveryTypeDescriptor	General
M	Self-contained Multi	uri://ksde.org/CourseDeliveryTypeDescriptor	Self-contained Multi

Code Value	Description	Name Space	Short Description
S	Self-contained Single	uri://ksde.org/CourseDeliveryTypeDescriptor	Self-contained Single
V	Virtual	uri://ksde.org/CourseDeliveryTypeDescriptor	Virtual

Course Program Type Descriptor

Code Value	Description	Name Space	Short Description
A	At-Risk	uri://ksde.org/CourseProgramTypeDescriptor	At-Risk
E	ESOL	uri://ksde.org/CourseProgramTypeDescriptor	ESOL
G	General	uri://ksde.org/CourseProgramTypeDescriptor	General
M	Migrant	uri://ksde.org/CourseProgramTypeDescriptor	Migrant
S	Special Education	uri://ksde.org/CourseProgramTypeDescriptor	Special Education

College Career Type Descriptor

Code Value	Description	Name Space	Short Description
C	CTE Dual credit funded IN an approved pathway (HS Only)/Not Excel in CTE (o	uri://ksde.org/CollegeCareerTypeDescriptor	CTE Dual credit funded IN an approved pathway (HS Only)/Not Excel in CTE (o
D	Dual credit NOT funded in a college program	uri://ksde.org/CollegeCareerTypeDescriptor	Dual credit NOT funded in a college program
F	CTE credit/funded course IN an approved program/pathway (Technical/Applicat	uri://ksde.org/CollegeCareerTypeDescriptor	CTE credit/funded course IN an approved program/pathway (Technical/Applicat
L	CTE Dual credit IN an approved program/pathway/Excel in CTE only (old SB155	uri://ksde.org/CollegeCareerTypeDescriptor	CTE Dual credit IN an approved program/pathway/Excel in CTE only (old SB155
N	Not dual credit/Regular course	uri://ksde.org/CollegeCareerTypeDescriptor	Not dual credit/Regular course
R	CTE Dual credit NOT part of an approved program/pathway/Excel in CTE only (	uri://ksde.org/CollegeCareerTypeDescriptor	CTE Dual credit NOT part of an approved program/pathway/Excel in CTE only (
T	CTE course NOT funded OR part of an approved Pathway (Local Program)	uri://ksde.org/CollegeCareerTypeDescriptor	CTE course NOT funded OR part of an approved Pathway (Local Program)

Code Value	Description	Name Space	Short Description
X	CTE credit/not funded IN an approved program/pathway (Introductory level)	uri://ksde.org/CollegeCareerTypeDescriptor	CTE credit/not funded IN an approved program/pathway (Introductory level)

Course Level Characteristic Descriptor

Code Value	Description	Name Space	Short Description
B	Basic/Remedial	uri://ksde.org/CourseLevelCharacteristicDescriptor	Basic/Remedial
E	Enriched/Advanced	uri://ksde.org/CourseLevelCharacteristicDescriptor	Enriched/Advanced
G	General	uri://ksde.org/CourseLevelCharacteristicDescriptor	General
H	Honors	uri://ksde.org/CourseLevelCharacteristicDescriptor	Honors
X	No Specified Rigor	uri://ksde.org/CourseLevelCharacteristicDescriptor	No Specified Rigor

Grade Level Descriptor

Code Value	Description	Name Space	Short Description
Infant/toddler	Infant/toddler	uri://ed-fi.org/GradeLevelDescriptor	Infant/toddler
Kindergarten	Kindergarten	uri://ed-fi.org/GradeLevelDescriptor	Kindergarten
First grade	First grade	uri://ed-fi.org/GradeLevelDescriptor	First grade
Second grade	Second grade	uri://ed-fi.org/GradeLevelDescriptor	Second grade
Third grade	Third grade	uri://ed-fi.org/GradeLevelDescriptor	Third grade
Fourth grade	Fourth grade	uri://ed-fi.org/GradeLevelDescriptor	Fourth grade
Fifth grade	Fifth grade	uri://ed-fi.org/GradeLevelDescriptor	Fifth grade
Sixth grade	Sixth grade	uri://ed-fi.org/GradeLevelDescriptor	Sixth grade
Seventh grade	Seventh grade	uri://ed-fi.org/GradeLevelDescriptor	Seventh grade
Eighth grade	Eighth grade	uri://ed-fi.org/GradeLevelDescriptor	Eighth grade
Ninth grade	Ninth grade	uri://ed-fi.org/GradeLevelDescriptor	Ninth grade
Tenth grade	Tenth grade	uri://ed-fi.org/GradeLevelDescriptor	Tenth grade
Eleventh grade	Eleventh grade	uri://ed-fi.org/GradeLevelDescriptor	Eleventh grade
Twelfth grade	Twelfth grade	uri://ed-fi.org/GradeLevelDescriptor	Twelfth grade
Ungraded	Ungraded	uri://ed-fi.org/GradeLevelDescriptor	Ungraded
Preschool	Preschool	uri://ed-fi.org/GradeLevelDescriptor	Preschool