

Course Offerings (Texas v4.0)

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Tool Search: Ed-Fi

[Object Triggering Logic](#) | [School Exclude, Calendar Exclude, Resource Toggle and Resync Logic](#) | [Natural Key Changes, Cascading Updates, and Deletes Logic](#) | [Scope Year Logic](#) | [Identity Mapping Object Key](#) | [Event Queue Detail](#) | [Object Data Elements](#)

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

Object Triggering Logic

Action	Trigger
Post	When a section with Section Placement is created and saved. <ul style="list-style-type: none"> One record reports per Course and Term Type combination. Do not send if course is marked as Inactive Do not send records if the Calendar Exclude checkbox is marked. Do not send a record if the School Exclude checkbox is marked.
Delete/Post	When the Local Course Number is changed.
Delete/Post	If 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. <ul style="list-style-type: none"> Course Name
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 one is deleted, the other record will post with the remaining records data.

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.

Action	Trigger
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 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 of the following changes in the Schools resource: <ul style="list-style-type: none"> If the School Number/Ed-Fi School Number changes, a delete/post will occur with the cascading deletes from the School ID Change triggers.
Delete/Post	If the Course Number changes.
Delete/Post	If the Session Name to which the Course Offering is aligned changes.
Delete/Post	If the natural key changes all dependent resources will delete/post.
Dependent Resources	Sections, Staff Section Associations, Student Section Associations, Student Section Attendance Events, Grades

Scope Year Logic

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

Identity Mapping Object Key

Campus Object Key	Object Key Data Source
Section	sectionID-termID

Event Queue Detail

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

Data Element Label	Business Requirement	Logic	M, C or O	Location
id	The unique identifier of the resource.		M	
localCourseCode	The local code assigned by the LEA or Campus that identifies the organization of subject matter and related learning experiences provided for the instruction of students.	Reports the Course Number from the Course.	M	Scheduling > Course > Number course.number
courseReference	A reference to the state provided course.	1. courseCode - Match on State Code of course 2. educationOrganizationId - Always reports '1'.	M	Course > State Code
schoolReference	A reference to the related School resource.	Reports the fields that are part of the Natural Key for the School resource.	M	

Data Element Label	Business Requirement	Logic	M, C or O	Location
sessionReference	A reference to the related Session resource.	<p>Reports the fields that are part of the Natural Key for the Session resource.</p> <ul style="list-style-type: none"> • Term Descriptor reports based on section schedule placement of the sections of the course. • If Term Descriptor Override is checked and there is an existing mapping for the course, Term Descriptors reports based on the mappings per the section schedule placement of the sections of the course. 	M	
courseLevel Characteristics	The specific type of program or designation with which the course offering is associated (e.g., AP, IB, Dual Credit, CTE). This collection should only be populated if it differs from the Course Level Characteristics identified at the Course level.	This is optional, does not report.	O	

Data Element Label	Business Requirement	Logic	M, C or O	Location
curriculumUsed	An unordered collection of courseOffering CurriculumUses. 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	
instructionalTime Planned	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	
localCourseTitle	The descriptive name given to a course of study offered in the school, if different from the Course Title.	Does not report.	O	

Data Element Label	Business Requirement	Logic	M, C or O	Location
offeredGradeLevels	The grade levels in which the course is offered. This collection should only be populated if it differs from the Offered Grade Levels identified at the Course level.	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	