

Course Offerings (Arizona 7.1)

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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. <ul style="list-style-type: none"> • 1 record will report per Course and Term Type combination. • Do not send if the course is marked as Inactive. • Do not send records if the Calendar Exclude check box is checked. • Do not send a record if the School Exclude checkbox is checked. • Do not send a record if the State Reporting Exclude checkbox is selected on the course.
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	Delete if a 2nd Schedule Structure is added after 1st Calendar is sent.

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.

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 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 of the following changes in the Schools resource: <ul style="list-style-type: none"> • School ID: If the Ed-Fi School Number changes. • School ID: If the State School Number changes and the Ed-Fi School Number is NULL.
Delete/Post	If the Course Number changes.
Delete/Post	If the Session Name changes that the Course Offering is aligned to.
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

This table describes scope year logic of this object.

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

Resource Preferences

This table describes the Resource Preferences of this object.

Data Element Label	Mapping Needed
End Of Course Assessment Code Descriptor	Course End of Course Assessment Code

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 Label	Business Requirements and Business Rules	Mandatory, Conditional or Optional	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	Course Information > Number Course.number
courseReference	A reference to the related Course resource. Reports the fields that are part of the Natural Key for the Course resource.	M	

Data Element Label	Business Requirements and Business Rules	Mandatory, Conditional or Optional	Location
schoolReference	<p>A reference to the related School resource. The identifier assigned to a school.</p> <ol style="list-style-type: none"> 1. If the Section > Location Override is populated, report that value. 2. If Section > Location Override is NULL, but Course > Location Override is populated, report that value. 3. Otherwise, report the school's Entity ID. 	M	<p>Course Information > Location Override</p> <p>Section Information > Location Override</p> <p>Course.provider</p> <p>School Information > Entity ID</p> <p>School.entityID</p>

Data Element Label	Business Requirements and Business Rules	Mandatory, Conditional or Optional	Location
sessionReference	<p>A reference to the related Session resource.</p> <p>Reports the fields that are part of the Natural Key for the Session resource.</p> <ol style="list-style-type: none"> 1. For sessionName: <ul style="list-style-type: none"> ◦ If the Session Name Override checkbox is checked in the Session resource preferences, then report the 'District Id - Term Descriptor of the term being reported'. ◦ Otherwise, report the Term Descriptor 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 will report based on the mappings per the section schedule placement of the sections of the course. 	M	
courseLevel Characteristics	<p>The type of specific 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.</p> <p>This is optional, does not report.</p>	O	

Data Element Label	Business Requirements and Business Rules	Mandatory, Conditional or Optional	Location
curriculumUsed	<p>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.</p> <p>This is optional, does not report.</p>	O	
instructionalTime Planned	<p>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.</p> <p>This is optional, does not report.</p>	O	
localCourseTitle	<p>The descriptive name given to a course of study offered in the school, if different from the CourseTitle.</p> <p>Reports the Course Name.</p>	O	<p>Course Information > Name</p> <p>Course.name</p>
offeredGradeLevels	<p>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.</p> <p>This is optional, does not report.</p>	O	
courseSchedules	<p>Schedule of courses.</p> <p>Array - see logic below.</p>	M	
etag	<p>A unique system-generated value that identifies the version of the resource.</p> <p>This is optional, does not report.</p>	O	

Arrays

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Course Schedules

Data Element Label	Business Requirements and Rules	Mandatory, Conditional or Optional	Location
scheduleDate	<p>The Schedule date for the course.</p> <p>Report each instructional date the course/section meets in the calendar.</p>	M	<p>Section Information > Section Schedule Placement</p> <p>Term Setup > Start Date</p>
instructionalMinutesPlanned	<p>Number of Instructional minutes planned for given scheduledDate.</p> <p>Report the number of instructional minutes tied to the period the course/section meets in the calendar.</p>	M	<p>Section Information > Section Schedule Placement</p> <p>Term Setup > Start Date</p> <p>Period Setup</p>