

# Course Offerings (Georgia 3.6.1)

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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	<p>Reports a record when a Section that is scheduled into a term/period has and the associated Course has a State Code entered <b>OR</b> when a section has a Section Student Detail record with a Course State Code Override.</p> <ul style="list-style-type: none"> <li>Do not report a record if the any of the following exclusions are present: <ul style="list-style-type: none"> <li>Course is inactive (Active is unchecked)</li> <li>Course State Exclude</li> <li>Course State Code is NULL</li> <li>Calendar Exclude</li> <li>School Exclude</li> </ul> </li> <li>One record will report for each unique Course State Code / Course State Code Override and Term Type combination.</li> <li>Course Offering records will exist for <b>BOTH</b> the original and override state code(s).</li> </ul>
Delete/Post/Put	<p>A DELETE/POST is performed if the data element being altered is part of the resource's natural key. A PUT is performed otherwise.</p> <ul style="list-style-type: none"> <li>When the following information is changed on Course: <ul style="list-style-type: none"> <li>Course ID (New Course)</li> <li>State Code</li> <li>Course Name</li> </ul> </li> <li>When the following information is changed on Section Student Detail: <ul style="list-style-type: none"> <li>Course State Code Override</li> </ul> </li> </ul>
Delete	<ul style="list-style-type: none"> <li>When the terms the section is offered in are changed or removed.</li> <li>When the section is deleted.</li> <li>When the Section Student Detail record that has a Course State Code Override is deleted.</li> <li>When the Course State Code Override on a Section Student Detail record is changed or removed.</li> </ul>

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

## Identity Mapping Object Key

Campus Object Key	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 Label	Business Requirement and Business Rules	M, C or O	Data Source GUI Path	Database Field
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Data Element Label	Business Requirement and Business Rules	M, C or O	Data Source GUI Path	Database Field
<b>localCourseCode</b>	<p>The local code assigned by the School that identifies the course offering provided for the instruction of students.</p> <p>Normal Logic:</p> <ul style="list-style-type: none"> <li>• Reports the <b>State Code</b> from the Course               <ul style="list-style-type: none"> <li>◦ Format is <b>##.#####</b></li> <li>◦ The last two digits of the State Code will always report as <b>"00"</b>.</li> </ul> </li> </ul> <p>Override Logic:</p> <ul style="list-style-type: none"> <li>• Report the <b>Course State Code Override</b>.</li> </ul>	M	Course/Section > Course > Course Information > State Code	course.stateCode
<b>courseReference</b>	<p>A reference to the related Course resource.</p> <p>1. Normal Logic:</p> <ul style="list-style-type: none"> <li>◦ Reports the fields that are part of the Natural Key for the Course resource.               <ul style="list-style-type: none"> <li>▪ The last two digits of the courseCode will always report as <b>"00"</b>.</li> </ul> </li> </ul> <p>2. Override Logic:</p> <ul style="list-style-type: none"> <li>◦ Report the <b>Course State Code Override</b>.</li> </ul>	M	Course/Section > Course > Course Information > State Code	course.stateCode

Data Element Label	Business Requirement and Business Rules	M, C or O	Data Source GUI Path	Database Field
<b>schoolReference</b>	<p>A reference to the related School resource.</p> <p>Reports the fields that are part of the Natural Key for the Schools resource.</p> <ul style="list-style-type: none"> <li>educationOrganizationId = <b>Ed-Fi School ID</b></li> </ul>	M	System Administration > Resources > School > Ed-Fi School ID	School.entityID
<b>sessionReference</b>	<p>A reference to the related Session resource.</p> <p>Reports the fields that are part of the Natural Key for the Sessions resource.</p>	M	N/A	N/A
<b>localCourseTitle</b>	<p>The descriptive name given to a course of study offered in the school, if different from the Course Title.</p> <p>Reports the Course Name.</p>	M	Scheduling > Course > Name	course.name