

IN Ed-Fi Suite v3.6.1, Data Standard v4.0: Course Offerings

December
2024

IN Ed-Fi Suite v3.6.1, Data Standard v4.0: Course Offerings

Table of Contents

- [Summary](#)
- [Object Triggering Logic](#)
- [Required Resources \(Upstream\)](#)
- [Dependent Resources \(Downstream\)](#)
- [Error Log](#)
- [Object Data Elements Logic](#)
- [Appendix](#)

Summary

This entity represents an entry in the course catalog of available courses offered by the school during a session.

Object Triggering Logic

Action	Business Rule(s)
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</p> <ul style="list-style-type: none"> • Do not report a record if the any of the following exclusions are present: <ul style="list-style-type: none"> ○ Course is inactive (Active is unchecked) ○ Course State Exclude ○ Course State Code is NULL ○ Calendar Exclude ○ School Exclude • One record will report for each unique Course State Code and Term Type combination.

<p>DELETE / POST</p> <p>PUT</p>	<p>A DELETE / POST will be performed if the data element being altered is part of the resource's natural key. A PUT will be performed otherwise.</p> <ul style="list-style-type: none"> • When the following information is changed on Course: <ul style="list-style-type: none"> ○ Course ID (New Course) ○ State Code ○ Course Name ○ Course Number
<p>DELETE</p>	<ul style="list-style-type: none"> • When the terms the section is offered in are changed or removed. • When the section is deleted.

Required Resources (Upstream)

The following resources must be sent prior to this resource:

- Schools (Pre-populated)
- Courses (Pre-populated)
- Sessions

Dependent Resources (Downstream)

The following resources are dependent on this resource (must be sent after this resource):

- Sections

Error Log

The following are potential Tier 1 (Ed-Fi API generated) or custom (Campus generated) errors you may receive when posting, updating, or deleting this resource. Please keep in mind that the "Error Message" below may not match your exact error message.

Error Message	Possible Causes / How to Fix

Object Data Elements Logic

Data element labels below in **BOLD** are part of the natural key of this resource and are required data elements for the record to send through Ed-Fi.

- The Mandatory / Conditional / Optional column indicates what the state requires for each data element.

	Data Element Label	Business Rule(s)	Mandatory (M) Conditional (C) Optional (O)	Data Source GUI Path	Database Field	Uses Template Logic (✓ / ✗ / EXT)
1	localCourseCode (string)	<p>The local code assigned by the School that identifies the course offering provided for the instruction of students.</p> <hr/> <p>Reports the Course Number.</p>	M	Course	Course . number	✓
2	courseReference (reference)	<p>A reference to the Courses resource associated with the Course Offering being reported.</p> <hr/> <p>Reports the fields that are part of the Natural Key for the Course resource.</p> <ul style="list-style-type: none"> courseCode = State Code educationOrganizationId = 1088000000 (Hard-Coded) <ul style="list-style-type: none"> This is IDOE's educationOrganizationId. IDOE owns all courses. 	M	N/A	N/A	✗

3	schoolReference (reference)	<p>A reference to the Schools resource associated with the Course Offering being reported.</p> <hr/> <p>Reports the fields that are part of the Natural Key for the Schools resource.</p> <ul style="list-style-type: none"> • schoolId = 10 + State District Number + State School Number 	M	<p>School Information</p> <p>District Information</p>	<p>District. number</p> <p>School. number</p>	✓
4	sessionReference (reference)	<p>A reference to the Sessions resource associated with the Course Offering being reported.</p> <hr/> <p>Reports the fields that are part of the Natural Key for the Sessions resource.</p>	M	N/A	N/A	✓
5	localCourseTitle (string)	<p>The descriptive name given to a course of study offered in the school, if different from the course title.</p> <hr/> <p>Reports the Course Name.</p>	M	Course	Course . name	✓
6	courseLevelCharacteristics	This is optional, does not report.	O	N/A	N/A	N/A
7	curriculumUses	This is optional, does not report.	O	N/A	N/A	N/A
8	instructionalTimePlanned	This is optional, does not report.	O	N/A	N/A	N/A
9	offeredGradeLevels	This is optional, does not report.	O	N/A	N/A	N/A

Appendix

