

MI Ed-Fi Suite 3 v6.2: Courses

August
2024

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Summary

This educational entity represents the organization of subject matter and related learning experiences provided for the instruction of students on a regular or systematic basis.

Object Triggering

Action	Business Rule(s)
Post	When a Course is Created and saved <ul style="list-style-type: none"> • Do not send if course is marked as Inactive • Do not send if course is in a Calendar marked as Exclude • Do not send if course is in a School marked as Exclude • Do not send if Course is marked as Exclude • Course must have a SCED Code = NOT NULL to report
Put	When Course information not part of the natural key is changed and saved
Delete/Post	N/A
Delete	When a Course is deleted and there are no other courses with the same number in the same school and year

Required Resources (Upstream)

The following resources must be sent prior to this resource:

- Schools

Dependent Resources (Downstream)

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

- Course Offerings

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

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.
- The Uses Core Template Rules column indicates if the element uses Infinite Campus Core Ed-Fi rules, has been localized using DOE rules, or the element has been added by a DOE as an Extended Element.

	Data Element Label	Business Rule(s)	Mandatory/ Conditional/ Optional	Tool Path	Database Field	Uses Core Template Rules (Y/N/EXT)
1	courseCode <i>(string)</i>	<i>A unique alphanumeric code assigned to a course.</i> <hr/> 1. Report the Course ID for the course	M	Course	course.courseID	Y
2	educationOrganizationReference <i>(reference)</i>	A reference to the related Education Organization resource <hr/> 1. Reports the School number associated with the course	M	School	school.number	Y

3	<p>identificationCodes (array)</p>	<p><i>An unordered collection of courseIdentificationCodes. This educational entity represents the organization of subject matter and related learning experiences provided for the instruction of students on a regular or systematic basis</i></p> <hr/> <p>1. See array for field specific logic.</p>	M	Course	N/A	N
4	<p>academicSubjectDescriptor (string)</p>	<p><i>The intended major subject area of the course. NEDM: Secondary Course Subject Area</i></p> <hr/> <p>1. Reports the Ed-Fi Code from the SCED SCED Subject Area a. If NULL or Ed-Fi Value is blank, do not report</p>	M	Course	course.scedSubjectArea	Y
5	<p>courseTitle (string)</p>	<p><i>The descriptive name given to a course of study offered in a school or other institution or organization. In departmentalized classes at the elementary, secondary, and postsecondary levels (and for staff development activities), this refers to the name by which a course is identified (e.g., American History, English III). For elementary and other non-departmentalized classes, it refers to any portion of the instruction for which a grade or report is assigned (e.g., reading, composition, spelling, and language arts).</i></p> <hr/> <p>1. Reports the Course Name</p>	O	Course	course.name	Y

6	levelCharacteristics / courseLevelCharacteristicDescriptor (array / string)	<i>Specification of the specific program or designation associated with the course. For example: Ap, IB, Dual Credit, CTE, etc</i> 1. Reports mapped Ed-Fi Code from selected Honors code	O	Course	Course. honorsCode	N
7	numberOfParts (integer)	<i>The number of parts identified for a course</i> 1. Report the value selected in the SCED Sequence "Part m" field. 2. If NULL, report '1'	O	Course	course. scedSequenceMax	Y
8	careerPathwayDescriptor	1. This is optional, does not report	O	N/A	N/A	Y
9	competencyLevels	1. This is optional, does not report	O	N/A	N/A	Y
10	courseDefinedByDescriptor	1. This is optional, does not report	O	N/A	N/A	Y
11	courseDescription	1. This is optional, does not report	O	N/A	N/A	Y
12	courseGPAApPLICabilityDescriptor	1. This is optional, does not report	O	N/A	N/A	Y

13	dateCourseAdopted	1. This is optional, does not report	O	N/A	N/A	Y
14	highSchoolCourseRequirement	1. This is optional, does not report	O	N/A	N/A	Y
15	learningObjectives	1. This is optional, does not report	O	N/A	N/A	Y
16	learningStandards	1. This is optional, does not report	O	N/A	N/A	Y
17	maxCompletionsForCredit	1. This is optional, does not report	O	N/A	N/A	Y
18	maximumAvailableCreditConversion	1. This is optional, does not report	O	N/A	N/A	Y
19	maximumAvailableCredits	1. This is optional, does not report	O	N/A	N/A	Y
20	maximumAvailableCreditTypeDescriptor	1. This is optional, does not report	O	N/A	N/A	Y
21	minimumAvailableCreditConversion	1. This is optional, does not report	O	N/A	N/A	Y
22	minimumAvailableCredits	1. This is optional, does not report	O	N/A	N/A	Y

23	minimumAvailableCreditTypeDescriptor	1. This is optional, does not report	O	N/A	N/A	Y
24	numberOfParts	1. This is optional, does not report	O	N/A	N/A	Y
25	offeredGradeLevels	1. This is optional, does not report	O	N/A	N/A	Y
26	timeRequiredForCompletion	1. This is optional, does not report	O	N/A	N/A	Y

Arrays

Course Identification Codes

	Data Element Label	Business Rule(s)	Mandatory/ Conditional/ Optional	Tool Path	Database Field	Uses Core Template Rules (Y/N/EXT)
1	courseIdentificationSystemDescriptor	<p><i>A system that is used to identify the organization of subject matter and related learning experiences provided for the instruction of students.</i></p> <hr/> <p>1. Always reports NCES</p>	M	Course	N/A	N

2	identificationCode	<p><i>A unique number or alphanumeric code assigned to a course by a school, school system, state, or other agency or entity. For multi-part course codes, concatenate the parts separated by a "/". For example, consider the following SCED code-subject = 20 Math course = 272 Geometry level = G General credits = 1.00 course sequence 1 of 1- would be entered as 20/272/G/1.00/1 of 1.</i></p> <hr/> <p>1. Report SCED Course Identifier</p>	M	Course		N
3	assigningOrganizationIdentificationCode	<p>1. This is optional, does not report</p>	O	N/A	N/A	N