MI Ed-Fi Suite 3 v6.2: Sections

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Summary

This educational entity represents a setting in which organized instruction of course content is provided to one or more students for a given period of time. A course may be offered to more than one class/section. Instruction, provided by one or more teachers or other staff members, may be delivered in person or via a different medium.

Object Triggering

Action	Business Rule(s)
Post	When a section is created and saved • Section Placement is required in order for the section to send • 1 record will report for each Section and Term Type combination • Do not send records if the Calendar Exclude check box is checked • Do not send records if the course is marked inactive • Do not send if the School Exclude check box is checked • Course must have a SCED Code = NOT NULL When Section Placement is changed and saved on a section
Put	When any fields listed below are changed: • When the SCED Seq Number is changed and saved on the Course editor • When the Instructional Setting is changed and saved on a section • When the Credit field is changed and saved on a Grading Task assigned to the course
Delete/Post	When the Local Course Number or Term type is changed

Delete	When a section is deleted
	When Section Placement is changed or removed and saved on a section

Required Resources (Upstream)

The following resources must be sent prior to this resource:

- Schools
- Course Offerings

Dependent Resources (Downstream)

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

- Student Section Associations
- Staff Section Associations
- Grades

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

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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 Template Logic (Y/N/EXT)
1	**sectionIdentifier** (string)	*The local identifier assigned to a section.* 1. Reports the section ID of the section being reported	M	N/A	section.sectionID	Y
2	**courseOfferingReference** (reference)	*A reference to the related CourseOffering resource* 1. Reports the fields that are part of the Natural Key for the Course Offering resource	M	N/A	N/A	Y
3	locationReference (reference)	*A reference to the related Location resource* 1. Reports the fields that are part of the Natural Key for the Locations resource	M	N/A	N/A	Y

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4	**locationSchoolReference** *(reference)*	*A reference to the related School resource* 1. Reports the fields that are part of the Natural Key for the School resource	M	N/A	N/A	Y
5	availableCredits *(number)*	*Credits or units of value awarded for the completion of a course* 1. Sum the total number of credits from the Grading Tasks on the course 2. Divide by the number of terms the course section occurs	O	Course > Grading Task	gradingTaskCredit. Credit	Y
6	classPeriods / classPeriodReference *(array / reference)*	*An unordered collection of sectionClassPeriods. The class period during which the Section meets.* 1. Reports the fields that are part of the Natural Key for the Class Periods resource	O	Section Schedule Placement		Y
7	mediumOfInstructionDescriptor *(string)*	*The media through which teachers provide instruction to students and students and teachers communicate about instructional matters; for example: Technology-based instruction in classroom Correspondence instruction Face-to-face instruction Virtual/On-line Distance learning Center-based instruction* 1. Report mapped Ed-Fi Code from Virtual Method (Override). a. If NULL, report from Virtual Method.	O	Course	course. distanceCode	N

8	officialAttendancePeriod *(boolean)*	*Indicator of whether this section is used for official daily attendance. Alternatively, official daily attendance may be tied to a class period.* 1. Report True if 'Attendance' on course is selected 2. Report False if 'Attendance' on course is deselected	O	Course	course.attendance	Y
9	sequenceOfCourse *(integer)*	*When a section is part of a sequence of parts for a course, the number if the sequence. If the course has only onle part, the value of this section attribute should be 1* 1. Report the value selected in the SCED Sequence "Part n" field. 2. If NULL, report '1'	O	Course	course. scedSequence	Y
10	msixCourseSectionDescriptor *(string)*	*(MI-EXT) This characteristic is required when reporting migrant students by educating entities when the Local Course ID cannot uniquely identify a given course.* 1. Report mapped Ed-Fi Code from MSIX Course Section ID on section. a. If NULL, report from MSIX Course Section ID on course.	O	Course Section	course.msixCode section.msixCode	EXT
11	educationalEnvironmentDescriptor	1. This is optional, does not report	O	N/A	N/A	N

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12	programs *(array)*	1. This is optional, does not report	O	N/A	N/A	Y
13	populationServedDescriptor *(string)*	1. This is optional, does not report	O	N/A	N/A	Y
14	offeredGradeLevels *(array)*	1. This is optional, does not report	O	N/A	N/A	Y
15	instructionLanguageDescriptor *(string)*	1. This is optional, does not report	O	N/A	N/A	Y
16	courseLevelCharacteristics *(array)*	1. This is optional, does not report	O	N/A	N/A	Y
17	characteristics *(array)*	1. This is optional, does not report	O	N/A	N/A	Y
18	availableCreditTypeDescriptor *(string)*	1. This is optional, does not report	O	N/A	N/A	Y
19	availableCreditConversion *(number)*	1. This is optional, does not report	O	N/A	N/A	Y

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