

# **IN Ed-Fi Suite v3.6.1, Data Standard v4.0: Sections**

December  
2024

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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 Logic

Action	Business Rule(s)
POST	<p>Reports a record when a section is created.</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>• The section must be scheduled into a term/period (Section Placement) to report.</li> <li>• A record will be posted for each unique term the section is scheduled in.</li> </ul>

<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"> <li>• When any of the following fields on Course are changed:             <ul style="list-style-type: none"> <li>○ Name</li> <li>○ Number</li> <li>○ SCED Sequence Number</li> <li>○ State Code</li> <li>○ State Exclude</li> <li>○ Grading Task Credits</li> </ul> </li> <li>• When any of the following fields on Section are changed:             <ul style="list-style-type: none"> <li>○ Section ID (New Section)</li> <li>○ Section Placement (Terms Offered)</li> <li>○ Instructional Setting</li> <li>○ Medium of Instruction</li> <li>○ Room ID</li> </ul> </li> </ul>
<p>DELETE</p>	<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> </ul>

### Required Resources (Upstream)

The following resources must be sent prior to this resource:

- Course Offerings
  - Locations
  - Class Periods
- 

### Dependent Resources (Downstream)

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

- Staff Section Associations
  - Student Section Associations
- 

### 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 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	<b>sectionIdentifier</b> ( <i>string</i> )	<i>The local identifier assigned to a section.</i> <hr/> Reports the <b>Section ID</b> .	M	Section	Section .sectionID	✓
2	<b>courseOfferingReference</b> ( <i>reference</i> )	<i>A reference to the Course Offerings resource associated with the Section being reported.</i> <hr/> Reports the fields that are part of the Natural Key for the Course Offerings resource.	M	N/A	N/A	✓
3	<b>locationReference</b> ( <i>reference</i> )	<i>A reference to the Locations resource associated with the Section being reported.</i> <hr/> Reports the fields that are part of the Natural Key for the Locations resource.	C	N/A	N/A	✓

4	locationSchoolReference	<p><i>A reference to the Schools resource associated with the Section being reported.</i></p> <hr/> <p>Reports the fields that are part of the Natural Key for the Schools resource.</p> <ul style="list-style-type: none"> <li>• schoolId = <b>10 + State District Number + State School Number</b></li> </ul>	C	<p>School Information</p> <p>District Information</p>	<p>School .number</p> <p>District .number</p>	
5	availableCredits (number)	<p><i>The value of credits or units of value awarded for the completion of a course.</i></p> <hr/> <p>Reports the result of the following calculation:</p> <ul style="list-style-type: none"> <li>• Total Credits (from all Grading Tasks on the Course) / Number of Terms the Section occurs.</li> </ul>	C	Course Master	GradingTaskCredit . credit	
6	classPeriods (array)	<p><i>A reference to the Class Periods resource associated with the Section being reported.</i></p> <hr/> <p>Reports the fields that are part of the Natural Key for the Class Periods resource for all class periods the section is offered in.</p>	M	N/A	N/A	

7	mediumOf InstructionDescriptor ( <i>string</i> )	<p><i>The media through which teachers provide instruction to students and students and teachers communicate about instructional matters.</i></p> <hr/> <p>Report the Ed-Fi Code mapped to the value selected for <b>Medium of Instruction</b>.</p> <ul style="list-style-type: none"> <li>• If NULL, report <b>Face-to-face instruction</b>.</li> </ul>	M	Section	Section . mediumOfInstruction	✘
8	officialAttendancePeriod ( <i>boolean</i> )	<p><i>Indicator of whether this section is used for official daily attendance. Alternatively, official daily attendance may be tied to a class period.</i></p> <hr/> <ul style="list-style-type: none"> <li>• Report <b>True</b> if Attendance is checked.</li> <li>• Report <b>False</b> in all other situations.</li> </ul>	O	Course	Course .attendance	✔
9	sectionName ( <i>string</i> )	<p><i>A locally-defined name for the section, generally created to make the section more recognizable in informal contexts and generally distinct from the section identifier.</i></p> <hr/> <p>Report the courseNumber-sectionNumber + courseName</p> <ul style="list-style-type: none"> <li>• Ex: 1000-100 English 9</li> </ul>	O	Course Section	Course .number Section .number Course .name	✘

10	sequenceOfCourse ( <i>integer</i> )	<p><i>When a section is part of a sequence of parts for a course, the number of the sequence. If the course has only one part, the value of this section attribute should be 1.</i></p> <hr/> <p>Reports the <b>SCED Sequence</b> "Part n" field.</p> <ul style="list-style-type: none"> <li>• If NULL, report 1.</li> </ul>	<input type="radio"/>	Course	Course . scedSequenceNum	
11	availableCreditConversion	This is optional, does not report.	<input type="radio"/>	N/A	N/A	N/A
12	availableCreditTypeDescriptor	This is optional, does not report.	<input type="radio"/>	N/A	N/A	N/A
13	characteristics	This is optional, does not report.	<input type="radio"/>	N/A	N/A	N/A
14	courseLevelCharacteristics	This is optional, does not report.	<input type="radio"/>	N/A	N/A	N/A
15	educationalEnvironmentDescriptor	This is optional, does not report.	<input type="radio"/>	N/A	N/A	N/A
16	instructionLanguageDescriptor	This is optional, does not report.	<input type="radio"/>	N/A	N/A	N/A
17	offeredGradeLevels	This is optional, does not report.	<input type="radio"/>	N/A	N/A	N/A
18	populationServedDescriptor	This is optional, does not report.	<input type="radio"/>	N/A	N/A	N/A
19	programs	This is optional, does not report.	<input type="radio"/>	N/A	N/A	N/A



Appendix