

# Arizona Ed-Fi Data v3.3 - Student Section Association

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**Classic View:** System Administration > Ed-Fi

**Search Terms:** Ed-Fi

This association indicates the course sections to which a student is assigned.

## Object Triggering Logic

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	When a student is scheduled into a course section. <ul style="list-style-type: none"> <li>• A record will report for each Section record that is reported based on the Sections logic.</li> <li>• If roster start date is after the term end date, do not report a record for the prior term.</li> <li>• Only send records if the student has an enrollment in the schedule structure where the student is scheduled and is not marked as No Show or State Exclude.</li> <li>• Do not send records if the Calendar Exclude checkbox is checked.</li> <li>• Do not send records if the School Exclude checkbox is checked.</li> <li>• Do not send records if the Course is marked as Inactive.</li> <li>• Do not send a record if the State Reporting Exclude checkbox is selected on the course.</li> </ul>
Post	Send a new record if a student's roster start date is changed.
Put	When section information is updated for a student or section. <ul style="list-style-type: none"> <li>• Update when the course or section's homeroom field is changed.</li> </ul>
Delete	When a student is deleted from a course section.
Delete	Delete any future records if the student is given a roster end date for the course. <ul style="list-style-type: none"> <li>• Roster End Date must be before Term Start date of future records.</li> </ul>
Delete/Post	Delete the record if a student's roster start date is changed.

## 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.
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	Natural Key change: <ul style="list-style-type: none"> <li>The natural key logic from Sections and Students will update this resource if they change.</li> <li>If the student's Begin Date changes.</li> </ul>
Delete/Post	If the natural key changes all dependent data will delete/post. <ul style="list-style-type: none"> <li>Student Section Attendance Events, Grades</li> </ul>

## Scope Year Logic

This table describes scope year logic of this object.

Logic
Reports records in the scope year in which the course/section's calendar is aligned. <ul style="list-style-type: none"> <li>Data will only send for years that have valid configuration.</li> </ul>

## Event Queue Detail

This table describes the Event Queue Detail of this object.

Campus Table	Ed-Fi Action	Fields
roster	Post/Put/Delete	The primary table used for sending data for this resource.
roster	Put	End date
terms	Put	End date
course	Put	homeroom
section	Put	homeroom

## Object Data Elements

This table describes data elements sent within the Student Section Association resource.

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
id	The unique identifier of the resource.		M		

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
<b>beginDate</b>	Month, day and year of the student's entry or assignment to the section. If blank, default is the start date of the first grading period'	<ol style="list-style-type: none"> <li>Report the roster start date for the term record in which the start date occurs. <ul style="list-style-type: none"> <li>For any records in the future terms for that course, use the earliest term start date.</li> </ul> </li> <li>If Start Date is NULL, report the earliest term start date associated with the term descriptor selected for this section based on section schedule placement.</li> </ol>	M	Student Information> General> Schedule> Roster Start Date  OR  System Administration> Calendar> Calendar> Terms	roster.startdate or terms.startdate
<b>section Reference</b>	A reference to the related Section resource.	Reports the fields that are part of the Natural Key for the Section resource.	M		
<b>student Reference</b>	A reference to the related Student resource.	Reports the fields that are part of the Natural Key for the Student resource.	M		
attemptStatus Descriptor	An indication of the student's attempt status for the section.	This is optional, does not report.	O		
endDate	Month, day, and year of the withdrawal or exit of the student from the section.	<ol style="list-style-type: none"> <li>Report the Roster End Date for the student, if it exists. <ul style="list-style-type: none"> <li>If a roster end date is entered, delete any records for future terms for that section.</li> </ul> </li> <li>If the Roster End Date is NULL, only report a value if: <ul style="list-style-type: none"> <li>When the resource is triggered to send, the current date is on or after the Section &gt; Term end date for the last term of the section, and</li> <li>The student is in grades 9-12. <ul style="list-style-type: none"> <li>The value reported should be the section's terms.endDate</li> </ul> </li> </ul> </li> <li>Otherwise, do not report.</li> </ol>	O	Student Information> General> Schedule> Roster End Date  OR  System Administration> Calendar> Calendar> Terms	roster.endDate or terms.endDate

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
homeroom Indicator	Indicator that the class is the student's designated homeroom used for daily attendance reporting.	This is optional, does not report.	O		
CourseEntry Descriptor	The way the student entered this course section, either as a new enrollee or as a transfer from another section at the same school.	<ol style="list-style-type: none"> <li>1. Report 'T' when the student transferred into a different section of the same course in the same school year. <ul style="list-style-type: none"> <li>◦ Student's roster start date is after the earliest term start date based on section schedule placement.</li> <li>◦ Student must have been scheduled into the same course in a different section prior to the roster start date of the section being reported.</li> <li>◦ The sections must have the same section schedule placement in order to be considered.</li> </ul> </li> <li>2. Report 'R' when the student left a section, then later returned to that same section.</li> <li>3. Else, report 'N'.</li> </ol>	M		

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
CourseExit Descriptor	The type of exit the student had from this course section.	<ol style="list-style-type: none"> <li>1. If the Roster End Date is reported as the endDate,               <ol style="list-style-type: none"> <li>1. Check to see if there is an associated transcript credit posted.                   <ul style="list-style-type: none"> <li>▪ If creditsAttempted = creditsEarned report 'CF'.</li> <li>▪ If creditsAttempted &gt; creditsEarned and creditsEarned &gt; 0 report 'CP'.</li> <li>▪ If creditsEarned = '0', check to see if Roster End Date = Enrollment End Date.                       <ul style="list-style-type: none"> <li>▪ If yes, report 'LS'.</li> <li>▪ Else report 'CN'.</li> </ul> </li> <li>▪ If no associated transcript credit is posted, check to see if Roster End Date = Enrollment End Date.                       <ul style="list-style-type: none"> <li>▪ If yes, report 'LS'.</li> <li>▪ Otherwise report 'SC'.</li> </ul> </li> </ul> </li> </ol> </li> <li>2. If the Roster End Date is NULL, and when the resource is triggered to send, currentDate is on or after the Section &gt; Term end date for the last term of the section, and the student is in grades 9-12:               <ul style="list-style-type: none"> <li>◦ If creditsAttempted = creditsEarned report 'CF'.</li> <li>◦ If creditsAttempted &gt; creditsEarned and creditsEarned &gt; 0 report 'CP'.</li> <li>◦ If creditsEarned = 0 report 'CN'.</li> </ul> </li> <li>3. Otherwise, do not report.</li> </ol>	C		

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
DualCredit	A flag indicating if this student is earning Dual Credit in a Dual Credit Course.	<ol style="list-style-type: none"> <li>1. Report 'True' if Dual Credit check box is selected on the Course editor.</li> <li>2. check box is selected on the Course editor.</li> <li>3. Report 'True' if Dual Credit check box is selected on the Section editor.</li> <li>4. check box is selected on the Section editor.</li> <li>5. Report 'True' if Dual Credit check box is selected on the Roster Batch Edit editor.</li> <li>6. check box is selected on the Roster Batch Edit editor.</li> <li>7. Else report 'False'.</li> </ol>	M	Course > Dual Credit Course > Section > Dual Credit  Course > Section > Roster Batch Edit > Dual Credit	
Concurrent Enrollment	A Flag indicating If this student is concurrently enrolled in a course that offers concurrent enrollment.	<ol style="list-style-type: none"> <li>1. Report 'True' if the Post Secondary check box is checked on the course.</li> <li>2. checked on the course.</li> <li>3. Else, report 'False'.</li> </ol>	M	Scheduling > Course > Post Secondary	
repeatIdentifier Type	An indication as to whether a student has previously taken a given course.	Does not report, this data is not collected in Campus.	O		
teacherStudent DataLink Exclusion	Indicates that the student-section combination is excluded from calculation of value-added or growth attribution calculations used for a particular teacher evaluation.	Does not report, this data is not collected in Campus.	O		
etag	A unique system-generated value that identifies the version of the resource.		O		

### Course Entry Descriptor

Code Value	Short Description	Description
N	New enrollment	
R	Re-entry	
T	Transfer	

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