

# Student Section Association (Arizona v3.6)

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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	<p>When a student is scheduled into a course section.</p> <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>• When roster start date is after the term end date, do not report a record for the prior term.</li> <li>• Only send records when 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 when the Calendar Exclude checkbox is checked.</li> <li>• Do not send records when the School Exclude checkbox is checked.</li> <li>• Do not send records when the Course is marked as Inactive.</li> <li>• Do not send a record when the State Reporting Exclude checkbox is selected on the course.</li> </ul>
Post	Send a new record when a student's roster start date is changed.
Put	<p>When section information is updated for a student or section.</p> <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	<p>Delete any future records when the student is given a roster end date for the course.</p> <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 when 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	When 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	When 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	When 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	When 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 when they change.</li> <li>When the student's Begin Date changes.</li> </ul>
Delete/Post	When 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. When 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>When 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. <ol style="list-style-type: none"> <li>For sessionName:               <ul style="list-style-type: none"> <li>When the Session Name Override checkbox is checked in the Session resource preferences, then report the 'District Id - Term Descriptor of the term being reported'.</li> <li>Otherwise, report the Term Descriptor of the term being reported.</li> </ul> </li> </ol>	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. Note: The Ed-Fi ID reports from the Student State ID field.	M		
attemptStatus Descriptor	An indication of the student's attempt status for the section.	This is optional, does not report.	O		

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
endDate	Month, day, and year of the withdrawal or exit of the student from the section.	<ol style="list-style-type: none"> <li>1. Report the Roster End Date for the student, when it exists.             <ul style="list-style-type: none"> <li>o When a roster end date is entered, delete any records for future terms for that section.</li> </ul> </li> <li>2. When the Roster End Date is NULL, only report a value when:             <ul style="list-style-type: none"> <li>o 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>o 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>3. 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
homeroom Indicator	Indicator that the class is the student's designated homeroom used for daily attendance reporting.	This is optional, does not report.	O		

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
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		
CourseExit Descriptor	The type of exit the student had from this course section.	<p>A Course Exit Descriptor is sent when the roster record has an end date and is on/before the term end date OR the current date is on/after the section end date and the grade is 9-12 AND a student meets one of the conditions below, reports with the following logic:</p> <ul style="list-style-type: none"> <li>• When the Transcript &gt; Credits Earned = Credits Attempted, reports <b>CF</b>.</li> <li>• When Transcript &gt; Credits Earned is less than Credits Attempted but greater than zero (0), reports <b>CP</b>.</li> <li>• When Transcript &gt; Credits Earned is zero (0), reports <b>CN</b>.</li> <li>• This only reports for the last term type based on the section schedule placement and the roster end date.</li> </ul>	C	Student Information > General > Transcript > Credits Earned Student Information > General > Transcript > Credits Attempted	transcriptDetail.creditsEarned transcriptDetail.creditsAttempted

Data Element Label	Business Requirement	Conditions: <b>Business Rules</b> <ul style="list-style-type: none"> <li>Students receives a posted grade to the Transcript for this course. This triggers when the Transcript records are posted via the Post to Transcripts too. Manual entries do now trigger since they lack a section ID to trace back to the student's course record.</li> </ul>	M, C or O	Data Source GUI Path	Database Field
		<p>• The student has a resident district of 090835000 or 070801000 AND the course number of the scheduled course matches a Transcript record in any school within the configuration year.</p> <p>A Course Exit Descriptor is sent when a Roster End Date is entered and saved for a student.</p> <ul style="list-style-type: none"> <li>When the Student Roster End Date is before the highest Term End Date based on the section schedule placement for that term type/section combination and the Enrollment End Date is null or after the Roster End Date, reports <b>SC</b>.</li> <li>When a student's Roster End Date is before the highest Term End Date based on the section schedule placement for that term type/section combination and is equal to the student's latest Enrollment End Date, reports <b>LS</b>.</li> </ul> <p>Otherwise, reports blank.</p>			

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
DualCredit	A flag indicating when this student is earning Dual Credit in a Dual Credit Course.	<ol style="list-style-type: none"> <li>Report 'True' when Dual Credit check box is selected on the Course editor.</li> <li>Report 'True' when Dual Credit check box is selected on the Section editor.</li> <li>Report 'True' when Dual Credit check box is selected on the Roster Batch Edit editor.</li> <li>Else report 'False'.</li> </ol>	M	Course > Dual Credit Course > Section > Dual Credit Course > Section > Roster Batch Edit > Dual Credit	course.dualCredit section.dualCredit
Concurrent Enrollment	A Flag indicating When this student is concurrently enrolled in a course that offers concurrent enrollment.	<ol style="list-style-type: none"> <li>Report 'True' when the Post Secondary check box is checked on the course.</li> <li>Else, report 'False'.</li> </ol>	M	Scheduling > Course > Post Secondary	course.postSecondary
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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