

School Course Info

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Summary

This object is for course information.

SIF_Events are reported for this object.

v4.3- <http://specification.sifassociation.org/Implementation/NA/4.3/StudentInformationSystemsWorkingGroup.html#31613SchoolCourseInfo>

Batch Condition

1. Existing SIF_Condition elements to support:
 - a. @RefId
 - b. @SchoolInfoRefId
 - c. CourseCode
 - d. DistrictCourseCode
 - e. CourseTitle
-

Object Triggering Logic

Action	Business Rule(s)
Add	<ol style="list-style-type: none">1. A Course is created with the following:<ol style="list-style-type: none">a. Calendar>"Exclude from SIF Exchange" NOT = Checkedb. Course>Active = Checkedc. Course>State Exclude NOT = Checked2. Add when checkbox is changed to Active on Course
Change	<ol style="list-style-type: none">1. A change and save is made on a reported Course.2. When Grading Task Credit change
Delete	<ol style="list-style-type: none">1. A reported Course is deleted.2. When Active checkbox is unchecked Or State Exclude is checked on Course

Object Population and Business Rules

#	Requirement
R1	<ol style="list-style-type: none">1. Course must have "Active" = Checked to report.2. Only report calendar associated with Zone Scope3. Course must not have "State Exclude" = Checked to report.4. Does not report for any Course belonging to a Calendar with "Exclude from SIF Exchange" = Checked

Object Data Elements Logic

- 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
1	@RefId	<i>The Id (GUID) that uniquely identifies the school course.</i> <hr/> Calculated	M		Course.courseId
2	@SchoolInfoRefId	<i>The Id (GUID) that identifies the school where the course is offered.</i> <hr/> The School ID	M		School.schoolId
3	@SchoolYear	<i>School year for which the information is applicable, expressed as the four-digit year in which the school year ends</i> <hr/> The end year of the calendar.	M		calendar.endYear
4	CourseCode	<i>School-defined local code for the course.</i> <hr/> Reports the Course Number	M	Scheduling> Courses> Course>	Course.number
5	StateCourseCode	<i>State-defined standard course code used to report information about courses.</i> <hr/> When State Code is null, this element is not reported.	O	Scheduling> Courses> Course>	course.stateCode

6	DistrictCourseCode	<p><i>The corresponding district course code.</i></p> <hr/> <p>Reports the Course Number</p>	O	Scheduling> Courses> Course>	Course.number
7	SubjectAreaList (List)	<p><i>Subject matter areas.</i></p> <hr/> <p>Requires a SCED Subject Area (Course.scedSubjectArea) is entered.</p>	O	Scheduling> Courses> Course> NCES data> SCED Subject Area	Course. scedSubjectArea
8	SubjectAreaList /SubjectArea (List)	<p><i>Subject matter.</i></p> <hr/>	MR	Scheduling> Courses> Course> NCES data> SCED Subject Area	
9	SubjectAreaList /SubjectArea/ Code	<p><i>The subject area code (i.e. the first two digits of the course classification code</i></p> <p>https://ceds.ed.gov/element/001518</p> <hr/> <ul style="list-style-type: none"> • Report the SIF mapped code for the selection in (Scheduling>Courses>Course>NCES data>SCED Subject Area). • When no Subject Area is selected, report based on the SIF mapping to the the attribute Default Value entered. • When no Subject Area is selected and no valid (matching a code in the attribute dictionary) attribute Default Value exists, do not report the SubjectAreaList or associated child elements. • When Subject Area is NOT Null, including the valid attribute Default Value, and is not a code in the mapping table, report "22". 	M	Scheduling> Courses> Course> NCES data> SCED Subject Area	Course. scedSubjectArea

10	SubjectAreaList /SubjectArea/ OtherCodeList (List)	<ul style="list-style-type: none"> Requires an entry in Course.type to report. 	O		
11	SubjectAreaList /SubjectArea/ OtherCodeList/ OtherCode	<p><i>A state/province code, local code, other code or a text string that crosswalks to or serves as a translation of an associated Code element.</i></p> <hr/> <ul style="list-style-type: none"> Reports the Code selected in Course.type 	MR		Course.type
12	SubjectAreaList /SubjectArea/ OtherCodeList/ @Codeset	<ul style="list-style-type: none"> Reports "StateProvince" 	M		
13	CourseTitle	<p><i>Title of the course.</i></p> <hr/> <p>Reports the Course Name</p>	M	Scheduling> Courses> Course>	Course.name
14	Description	<p><i>Textual description of the course.</i></p> <hr/> <p>Reports from the Description field on Course.</p>	O	Scheduling> Courses> Course>	Course.description
15	InstructionalLevel	<i>Optional. Do Not Report.</i>			
16	CourseCredits (List)	<p><i>The number of credits awarded upon course completion.</i></p> <hr/> <p>Sum of GradingTaskCredit.credit on the Course.</p>	O		GradingTaskCredit. credit

17	CourseCredits/ @Type	<p><i>The type of credit offered.</i></p> <p>https://ceds.ed.gov/element/000057</p> <hr/> <ul style="list-style-type: none"> • Reports "CarnegieUnits" (Previously hard coded to "0585") 	M		
18	CoreAcademicCourse	<p><i>Does the course meet the state definition of a core academic course?</i></p> <hr/> <p>1. When the Subject Type = Core Academic Subject Area (CORE), a. Reports "Yes" b. Otherwise, "No"</p>	O	Scheduling> Courses> Course> Subject Type	Course. subjectType
19	GraduationRequirement	<i>This is Optional. Do not Report.</i>	O		
20	Department	<i>This is Optional. Do not Report.</i>	O		
21	SCEDCode	<i>This is Optional. Do not Report.</i>	O		
22	DualCredit	<i>This is Optional. Do not Report.</i>	O		
23	CTEConcentrator	<i>This is Optional. Do not Report.</i>	O		
24	SIF_Metadata				
25	SIF_ExtendedElements				

JSON Sample

{


```
"SchoolCourseInfo": {
  "RefId": "9D75101A8C3D00AA001A0000A2E35B35",
  "SchoolInfoRefId": "101A8C3D00AA001A0000A2E35B359D75",
  "SchoolYear": "2006",
  "CourseCode": "CS101",
  "StateCourseCode": "08-001",
  "DistrictCourseCode": "CS101",
  "SubjectAreaList": {
    "SubjectArea": [
      {
        "Code": {
          "value": "05"
        },
        "OtherCodeList": {
          "OtherCode": [
            {
              "Codeset": "Text",
              "value": "Graphic Arts"
            }
          ]
        }
      }
    ]
  },
  "CourseTitle": "Gif, JPeg, or Png: What's the Difference?",
  "Description": "Explore the various types of files related to graphic arts.",
  "InstructionalLevel": {
    "Code": {
      "value": "0571"
    }
  },
  "CourseCredits": {
    "Type": "0585",
    "value": 2
  }
}
```

```
{
  },
  "CoreAcademicCourse": {
    "value": "No"
  },
  "GraduationRequirement": {
    "value": "No"
  },
  "DualCredit": {
    "value": "Yes"
  },
  "CTEConcentrator": {
    "value": "Yes"
  }
}
```