

Ed-Fi 2.x Course Entity Mapping

Overview

Use this page to help understand and define the mapping of Aeries data to Ed-Fi data



Status

Ready for certification

Document Version 1.5

Last Updated 25 Feb 2020

Links

Entity

<https://mappingedu.ed-fi.org/#!/entity/1a10049f-4ed2-e811-80d9-005056b36109/info?dataStandardId=db3697f4-4dd2-e811-80d9-005056b36109>

Scenarios

<https://techdocs.ed-fi.org/display/EDFICERT/Education+Organization+%3E+Course+Scenarios>

Schema

<https://schema.ed-fi.org/datahandbook-v22/Ed-Fi-UDM-Handbook-Index.html#/Course550>

Root Table

CRS

SQL

Scheduled

CRS_Functions.GetEdFiDataTable_Courses

```
SELECT *
FROM [CRS]
WHERE [DEL] = 0
ORDER BY [CN]
```

Real-Time

CRS_Functions.GetEdFiDataTable_Courses

```
SELECT *
FROM [CRS]
WHERE [DEL] = 0 AND [DTS] >= @TimeSince ORDER BY [CN]
```

Mapping

Parent	Property	Type	Required	Table	Field	Other	Code / Notes
\	academicSubject Descriptor	AcademicSubject MapType	Required	CRS	S1		GetEdFiCodeValue(.AcademicSubject Descriptor, "CRS", "S1", rowCRSIS1)

\	careerPathwayType	CareerPathwayType	Optional				
\	code	String	Identity	CRS	CN		GetString(s("CN"))
\	competencyLevels	List(Of CourseCompetency Level)	Optional				
competencyLevels	competencyLevels[n]	CourseCompetency Level	Optional				
competencyLevels[n]	competencyLevel Descriptor	String	Optional				
\	dateCourseAdopted	Date	Optional				
\	definedByType	CourseDefinedByType	Optional				
\	description	String	Optional				
\	educationOrganization Reference	EducationOrganization Reference	Identity				
educationOrganization Reference	educationOrganizationId	Integer	Identity			District Id	OdsConfiguration. DistrictId
educationOrganization Reference	link	Link	Optional				
\	gpaApplicabilityType	CourseGPA ApplicabilityType	Optional				
\	highSchoolCourse Requirement	Boolean	Optional				
\	identificationCodes	List(Of CourseIdentification Code)	Required				
identificationCodes	identificationCodes(1)	CourseIdentification Code	Required				
identificationCodes[1]	assigningOrganization IdentificationCode	String	Optional				
identificationCodes[1]	courseIdentification SystemDescriptor	CourseIdentification SystemMapType	Required			hard code to "State course code"	GetString("State course code"))
identificationCodes[1]	identificationCode	String	Required	CRS	C3		GetString(rowCRS!CN)
\	learningObjectives	List(Of CourseLearning Objective)	Optional				
learningObjectives	earningObjectives[n]	CourseLearning Objective	Optional				
learningObjectives[n]	learningObjective Reference	LearningObjective Reference	Optional				
learningObjectives[n]	_learningObjectiveld	String	Optional				
learningObjectives[n]	link	Link	Optional				
learningObjectives[n]	namespace	String	Optional				
\	learningStandards	List(Of CourseLearning Standard)	Optional				
learningStandards	learningStandards(1)	CourseLearning Standard	Optional				
learningStandards	learningStandard Reference	LearningStandard Reference	Optional				
learningStandards	learningStandardId	String	Optional				
learningStandards	link	Link	Optional				
\	levelCharacteristics	List(Of CourseLevel Characteristic)	Required				
levelCharacteristics	levelCharacteristics(1)	CourseLevel Characteristic	Required				
levelCharacteristics	type	CourseLevel CharacteristicType	Required	CRS	NA = H, CL field for AP, IB, Remedial, Dual Credit, VCL for CTE codes 01-03.		GetEdFiCodeValue(CourseLevel CharacteristicType, rowCRS!NA, "CRS", "NA") GetEdFiCodeValue(CourseLevel CharacteristicType, rowCRS!CL, "CRS", "CL") GetEdFiCodeValue(CourseLevel CharacteristicType, rowCRS, "CRS", "VCL")
\	maximumAvailable CreditConversion	Double	Optional				
\	maximumAvailable Credits	Double	Optional				
\	maximumAvailable CreditType	CreditType	Optional				

\	minimumAvailableCreditConversion	Double	Optional				
\	minimumAvailableCredits	Double	Optional				
\	minimumAvailableCreditType	String	Optional				
\	numberOfParts	Integer	Required			Hard coded to 1	GetNullableInteger(1)
\	offeredGradeLevels	New List(Of CourseOfferedGradeLevel)	Optional				
offeredGradeLevels	offeredGradeLevels[n]	CourseOfferedGradeLevel	Optional				
offeredGradeLevels	gradeLevelDescriptor	GradeLevelMapType	Optional				
\	timeRequiredForCompletion	Integer	Optional				
\	title	String	Required	CRS	CO		GetString(s("CO"))