

Ed-Fi 3.x Course Entity Mapping

Overview

This document defines the mapping of Aeries data to the Ed-Fi data standard.



Document Version 1.0

Last Updated 07 Nov 2021

Status

Ready for v3 certification.

Description

This educational entity represents the organization of subject matter and related learning experiences provided for the instruction of students on a regular or systematic basis.

Course Links

Mapping v3.2.0-c

<https://mappingedu.ed-fi.org#!/entity/8cff6748-e7ba-ea11-80df-005056b36109/info?dataStandardId=7ec6133d-e7ba-ea11-80df-005056b36109>

Schema v3.2.0-c

<https://schema.ed-fi.org/datahandbook-v320c#!/Course550>

API v3.4.0

<https://api.ed-fi.org/v3.4.0/docs/index.html#/courses>

Scenarios v3

<https://techdocs.ed-fi.org/display/EDFICERT/v3+Education+Organization+%3E+Course+Scenarios>

Natural Key

- CourseCode
- EducationOrganizationId

Used By

- SurveyCourseAssociation.Course (as required)
- CreditsByCourse.Course (as required collection)
- CourseOffering.Course (as required)
- CourseTranscript.Course (as required)

Mapping

Parent	Property	Type	Required	Table	Field	Other	Code / Notes
\	academicSubjectDescriptor	Descriptor	Required	CRS	S1		GetEdFiCodeValue(.AcademicSubjectDescriptor, "CRS", "S1", rowCRS!S1)
\	careerPathwayDescriptor	Descriptor	Optional				
\	courseCode	String	Identity	CRS	CN		GetString(s("CN"))
\	competencyLevels	List(Of CourseCompetencyLevel)	Optional				
competencyLevels[n]	competencyLevelDescriptor	String	Optional				
\	dateCourseAdopted	Date	Optional				
\	courseDefinedByDescriptor	Descriptor	Optional				
\	courseDescription	String	Optional				

\	educationOrganizationReference	EducationOrganizationReference	Identity				
educationOrganizationReference	educationOrganizationId	Integer	Identity			SCEXT	OdsConfiguration. DistrictId, 29999, SC
\	courseGPAApplicabilityDescriptor	CourseGPA ApplicabilityType	Optional				
\	highSchoolCourseRequirement	Boolean	Optional				
\	courseIdentificationCodes	List(Of CourseIdentification Code)	Required				
courseIdentificationCodes[1]	assigningOrganization IdentificationCode	String	Optional				
courseIdentificationCodes[1]	courseCatalogURL	String	Optional				
courseIdentificationCodes[1]	courseIdentification SystemDescriptor	Descriptor	Required			hard code to "School course code"	GetString("School course code"))
courseIdentificationCodes[1]	identificationCode	String	Required	CRS	CN		GetString(rowCRS! CN)
courseIdentificationCodes[2]	assigningOrganization IdentificationCode	String	Optional				
courseIdentificationCodes[2]	courseCatalogURL	String					
courseIdentificationCodes[2]	courseIdentification SystemDescriptor	Descriptor	Required			hard code to "State course code"	GetString("State course code"))
courseIdentificationCodes[2]	identificationCode	String	Required	CRS	C3		GetString(rowCRS!C3)
\	learningObjectives	List(Of CourseLearning Objective)	Optional				
learningObjectives	learningObjectives[n]	learningObjectiveRefer ence	Optional				
learningObjectiveReference	academicSubjectDescriptor	Descriptor	Optional				
learningObjectiveReference	objective	String	Optional				
learningObjectiveReference	objectiveGradeLevelDescriptor	String	Optional				
\	learningStandards	List(Of CourseLearning Standard)	Optional				
learningStandards	learningStandard Reference	LearningStandard Reference	Optional				
learningStandard Reference	learningStandardId	String	Optional				
\	levelCharacteristics	List(Of CourseLevel Characteristic)	Required				
courseLevelCharacteristics	courseLevelCharacteristicDescriptor	Descriptor	Required	CRS	NA = H, CL field for AP, IB, Remedial, Dual Credit, VCL for CTE for 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 CreditTypeDescriptor	Descriptor	Optional				
\	minimumAvailable CreditConversion	Double	Optional				

\	minimumAvailableCredits	Double	Optional				
\	minimumAvailableCreditTypeDescriptor	Descriptor	Optional				
\	numberOfParts	Integer	Required			Hard coded to 1	GetNullableInteger(1)
\	offeredGradeLevels	New List(Of CourseOfferedGradeLevel)	Optional				
offeredGradeLevels	gradeLevelDescriptor	Descriptor	Optional				
\	timeRequiredForCompletion	Integer	Optional				
\	courseTitle	String	Required	CRS	CO		GetString(s("CO"))
\	maxCompletionsForCredit	Integer	Conditional				
\	assigningOrganizationIdentificationCode	String	Optional				
\	courseCatalogURL	String	Optional				
\	alternativeCourseIdentificationCode	String	Optional				