



WI Ed-Fi Suite 3 API v6.1 Data Standard v4.0: Grades

October
2025

WI Ed-Fi Suite 3 API v6.1 Data Standard v4.0: Grades

Summary

This educational entity represents an overall score or assessment tied to a course over a period of time (i.e., the grading period). Student grades are usually a compilation of marks and other scores.

Object Triggering

Action	Business Rule(s)
Post	<p>When a grade is posted to a Grading Task that is mapped marked as State Reported and Exclude from Ed-Fi = unchecked with an Ed-Fi Grade Type = Final OR Standards marked as 'State Reported' and 'Final'</p> <ul style="list-style-type: none"> Do not report if Exclude from Ed-Fi is checked on the Course Grading Task Detail for the course (Scheduling > Courses > Course > Grading Tasks) Do not send records if the Ed-Fi Configuration Profile = Choice + Opt in Do not send records if the Ed-Fi Configuration Profile = Choice ONLY Do not send records if the Calendar is marked Summer School Do not report if the Course is marked as Inactive or State Excluded Do not send records if the student's enrollment is marked as No Show, State Excluded, or WISE Exclude Only report if the student has an enrollment in State Grade level 9-12 Report only if the State Enrollment Type is Primary or Coursework Only on the student's enrollment
Put	<p>When a student CTE Program Participation record is created or deleted for a CTE Program in the same cluster as the Course the grade is for</p> <p>When a Student CTE Program Participation record in the same cluster as the course for the grade is updated and status is added, changed, or removed.</p>
Delete /Post	N/A

Delete	<ul style="list-style-type: none">• When the Course is marked Exclude from State Reporting or the Active box is unchecked• When the No Show or State Exclude or WISE Exclude check boxes are checked on the Student's enrollment• When the State Enrollment Type is changed on the student's enrollment
--------	---

Required Resources (Upstream)

The following resources must be sent prior to this resource:

- Grading Periods
- Student Section Associations

Dependent Resources (Downstream)

The following resources are dependent on this resource (must be sent after this resource):

- N/A

Error Log

The following are potential Tier 1 (Ed-Fi API generated) or custom (Campus generated) errors you may receive when posting, updating, or deleting this resource. Please keep in mind that the "Error Message" below may not match your exact error message.

Error Message	Possible Causes / How to Fix

Object Data Elements

Data element labels below in **BOLD** are part of the natural key of this resource and are required data elements for the record to send through Ed-Fi.

- The Mandatory / Conditional / Optional column indicates what the state requires for each data element.
- The Uses Core Template Rules column indicates if the element uses Infinite Campus Core Ed-Fi rules, has been Localized using DOE rules, or the element has been added by a DOE as an Extended Element.

	Data Element Label	Business Rule(s)	Mandatory/ Conditional/ Optional	Tool Path	Database Field	Uses Core Template Rules (Y/N/EXT)
1	gradeTypeDescriptor <i>(string)</i>	<i>The type of grade (e.g., Exam, Final, Grading Period, Progress Report),</i> <hr/> 1. Report 'Final' <hr/> "namespace": "uri://dpi.wi.gov/GradeTypeDescriptor"	M	N/A	N/A	Y
2	gradingPeriodReference <i>(reference)</i>	<i>A reference to the related GradingPeriod resource</i> <hr/> 1. Reports the fields that are part of the Natural Key for the Grading Period the Grading Task or Standard is aligned to <ol style="list-style-type: none"> Only report to Grading Periods that are aligned to the Term Schedule the grade was posted in 	M	N/A	N/A	Y

3	studentSectionAssociationReference (reference)	<i>A reference to the related Student Section Association resource</i> <hr/> 1. Reports the fields that are part of the Natural Key for the Student Section Association resource	M	N/A	N/A	Y
4	letterGradeEarned (string)	<i>A final or interim (grading period) indicator of student performance in a class as submitted by the instructor.,</i> <hr/> 1. Reports only for grades posted from a grading task 2. Determine if the posted score is an integer or not: a. If the posted value is not an Integer, then report the posted score here b. If the posted value is an Integer, then report in the Numeric Grade Earned field below.	O	Grading Task	gradingscore.score	Y
5	numericGradeEarned (number)	<i>A final or interim (grading period) indicator of student performance in a class as submitted by the instructor.,</i> <hr/> 1. Reports only for grades posted from a grading task 2. Determine if the posted score is an integer or not: a. If the posted value is an Integer, then report the posted score here b. If the posted value is not an Integer, then report in Letter Grade Earned field above.	O	Grading Task	gradingscore.score	Y
6	learningStandardGrades	1. This field is optional, does not report	O	N/A	N/A	Y

7	performanceBaseConversionDescriptor (string)	<p><i>A conversion of the level to a standard set of performance levels.</i></p> <p><i>Pass/ Fail/ Incomplete Indicator is expected to be submitted for 'CTE' courses and all courses associated to 'CCR' (please review the 'usecases document for details)</i></p> <p>https://docs.google.com/spreadsheets/d/1o8rZ3Y_ajhLyeHfKVhjP2r_H3VyLuiR4Tm_WELecgOs/edit#gid=0</p> <hr/> <p>1. Report the Ed-Fi value mapped to the grade given. 2. If there is no Ed-Fi value mapped, do not report a record</p>	O	N/A	N/A	Y
---	---	--	---	-----	-----	---

8	certificatedProgramStatusDescriptor (string)	<p><i>This status is an indication of student's progress towards earning a 'certificate' within the 'certified Career Education Programs (Program Type)} This field is required only when the student is participating in a 'certifiedCareerEducatonProgram' that is associated to a course</i></p> <hr/> <ol style="list-style-type: none"> 1. If the course the grade is being reported for has a Cluster/ Career Program Pathway entered 2. AND the course has a Certified Learning Method entered 3. AND the student has a CTE Program record for the same Cluster and course State Code 4. THEN report the Ed-Fi Value for the Status from the student's CTE record. <ol style="list-style-type: none"> a. If the status = 'a', Student met the requirements, AND there are grades posted for multiple grading periods within the database config year for the same course State Code and Cluster/ CTE program, report 'a' on only the last record by date of the grading period. <ol style="list-style-type: none"> i. On previous records with the same course State Code and Cluster, report 'b' 5. If the course does not qualify or there is no matching CTE record, report blank <p>NOTE: DOES NOT REPORT FOR CONFIG YEARS 21-22 AND LATER</p>	O			EXT
9	diagnosticStatement	<ol style="list-style-type: none"> 1. This field is optional, does not report 	O	N/A	N/A	Y