

Target Audience –Data Managers, Data Stewards

About –

Teacher Course Student (TCS) data includes courses offered, sections of the courses, staff assigned to teach courses and students enrolled in a course. The TCS data is used for many purposes including providing teachers with student-level access to data in the Student Data Portal (SDP). The K12 SECTION-COURSE submission includes links between your LEA course code and the SCED course code. Further information regarding School Codes for the Exchange of Data (SCED) is available through NCES at <https://nces.ed.gov/forum/SCED.asp>.

Requirements –

The teacher-course-student data collection consists of 4 submissions: K12 SECTION-COURSE, K12 SECTION-SECTION, K12 SECTION-STAFF and K12 SECTIONSTUDENT. LEAs began reporting TCS data to RIDE in the 2011-12 school year. Teacher-course-student data submissions should be submitted at the beginning of the year and maintained daily. The COURSE and SECTION submissions do need to be submitted to RIDE daily. The STAFF and STUDENT submissions should be submitted to RIDE daily to reflect the changes in student classes, student mobility, teacher class assignments changes and teacher mobility.

There is an order of operations for this collection. The four files must go up in this order: TCS Course, TCS Section, TCS Staff and then TCS Student. If a file is missing before a subsequent file, it will fail.

Data Specifications - [TeacherCourseStudentData.pdf](#)

TCS Course –

New for SY2026-2027:

COURSELEVEL – NOW REQUIRED for grades 09-12

- Acceptable Values for COURSELEVEL are:
 - BR for Basic or remedial
 - EA for Enriched or advanced Enriched
 - GR for General or regular General or regular
 - H for Honors
 - X for No Specified Level

HSCOURSE – NOW REQUIRED for grades 09-12

- This is just a Y/N flag. In your SIS, I assume it is a logical field and if the box is checked the export will flag it Y. If not, the default will be N.

NOTES –

The common errors in this file are from a missing [SCED Code](#) and incorrect GRADESPAN.

- SCED Codes [current version is 12.0](#)
- SCED is based on a 5-digit Course Code that provides a basic structure for classifying course content. Additional SCED elements and attributes provide descriptive information about each course.
- The SCED was developed by the [National Forum on Education Statistics](#). It is updated and maintained by a working group of state and local education agency representatives who receive suggestions and assistance from a wide network of subject matter experts at the national, state, and local levels. As a result, SCED is designed to be flexible enough that education agencies can modify it to meet their needs.
- GRADESPAN required 4 characters. See data specs above.
 - If the grade level is more than one they must be listed lowest first. i.e. 0105, KF03.
 - If the grade level is only one grade, it would be listed like this: 0101, 0505, 1010, etc.

TCS Section –

New SY2026-2027: The following fields have been removed from the collection.

MINUTESPERMEETING

MEETINDDAYSINCYCLE

TOTALDAYSINCYCLE

SECTIONTYPE – type of terms the section is broken into (e.g. Full Year, Semester) but the acceptable values are YEAR, SEM, TRI, QUAR, QUIN, OTHER. This is likely already mapped to a field in your system

SECTIONSETTINGID – blank values will default to CLASSROOM but the values HYBRID AND ONLINE are acceptable.

SECTIONBEGINNINGDATE – this will be connected to your term dates in your system.

SECTIONENDINGDATE – SAME

INTCSPROGRAMCODE – Integrated Computer Science Program Code

- CS content can often be integrated into core classwork rather than delivered as a stand-alone course. Identify integrated computer science programs with an Integrated Computer Science Program Code(s) in the “INTCSPROGRAMCODE” field in TCS SECTION data element for the core class.

CS4RIPARTNERCODE – Computer Science for RI Partner

- RIDE is counting stand-alone courses with SCED codes and CS4RI partner codes entered in the SECTION file in the TCS data collection. For courses offered across the grade levels integrated into various content areas, there are integrated Partner codes that can be used.

NOTES -

Common errors in the TCS Section file are “missing from TCS Course file”.

- Check for errors in the course file that may have left a course off the submission received.
- Term Code could be missing from the course section.

[Information on CS4RI](#)

[CS4RI – Data Collection Guidance & FAQ](#)

TCS – Staff

CERTID – required and must be unique. No longer accepting 00000 and will validate against the [RI Certification Directory](#).

- HELPFUL TIP! – add the LINK above to your bookmarks bar. It is especially useful at the beginning of the school year when handling last-minute hires.

SECTIONSTARTDATE – this is likely pulled from the term dates set in the SIS for the master schedule and will validate against the enrollment census calendar.

SECTIONENDDATE - this is likely pulled from the term dates set in the SIS for the master schedule and will validate against the enrollment census calendar.

STAFFROLEID – this is a UCOA Job Classification Code used by finance for the educator. What “bucket” is the teacher paid from?

TEACHEROFRECORD – the name of the teacher who is primarily responsible for the instruction that takes place in this class.

NOTES –

Common errors in this file include missing teacher certificate numbers and overlapping dates. Resolving overlapping dates can be time-consuming, as they are flagged by the validation rule: “An educator can only be assigned to a section once per time period.” Review these carefully and work through them methodically. Once corrected, the issue should not reoccur for that section.

TCS Student –

LOCALSECTIONID – this is course section in the student’s schedule. It must be in the file “TCS Section” or will return an error.

SASID – a validation will run against the master directory for valid SASID and to check against enrollment census that this student is enrolled in the school.

SECTIONENTRYDATE – must be a valid date. It must also be a date greater than or equal to the first day of school and a date less than or equal to the last day of school. In addition, the

SECTIONENTRYDATE - must be a date within the section’s start and end dates.

SECTIONEXITDATE – same as above

NOTES –

In my experience, many submission errors are related to the SECTIONENTRYDATE and SECTIONEXITDATE fields. These issues often occur when a student’s schedule is changed and the effective date falls outside the term of the course section (for example, dropping a Semester 2 class in November before Semester 2 begins). In these cases, you may need to adjust the effective date of the change.

Resources-

[CS4RI – Data Collection Guidance & FAQs](#)

[Information on CS4RI](#)

[Forum Guide to Understanding the School Courses for the Exchange of Data \(SCED\) Classification System](#)

NOTES -

TCS – Teacher Course Student Collection

- TCS files should be run daily.
- Use the Resource Center LEA Dashboard > Data Quality Dashboard to identify missing TCS Student Records. You may see SASIDs listed for students who should have an associated schedule. Keep in mind that students enrolled in your high school who are Dual Enrolled may not have a schedule reported.
- If you encounter errors and are unsure where to begin, feel free to contact Sherri. We can set up a Zoom call and work through the issues together. The time spent resolving them is well worth it.