2026-2027 Teacher Student Data Link Interchange File Layout

Purpose:

The TSDL file captures data that link students in grades 6 through 12 to courses and instructors (if available) for the reported school year. CDE relies on the TSDL snapshot data to populate and create the Student Course Participation and Achievement Report (as required by C.R.S 22-11-503.5), the Educator Preparation Program Report (as required by C.R.S 22-2-112 (1)(q), as well as complete required reporting for migrant students. Other CDE reports, such as the Civil Rights Data Repot and 9th Grade Success reporting (HB24-1282), rely on accurate data.

Dependencies:

Each student has been assigned a Student Identifier (SASID) and updated through the Record Integration Tracking System (RITS). Each SASID is also reported in the Student Interchange for the reporting LEA. Each educator has been assigned an Educator Identifier (EDID) and reported as part of the Staff Profile file. The Local Course Code has a corresponding State Standard Course Code as determined at the LEA level.

Record Expectation:

In the TSDL file, the LEA should submit one record for each student and core course enrolled for 6 weeks or more along with the educator of record and contributing professional if applicable. "Core course" means a course in English, mathematics, science, social studies. For 8th-12th Grade Migrant Students, all courses must be reported. For the OCR report, computer science and all AP courses should also be included. Students enrolled less than 6 weeks would not be required to be reported unless they receive a grade for the core course.

Use Summary:

Fields from this file are used in the following CDE Collections, which require LEA/AU effort.

Teacher Student Data Link Snapshot

File Notes:

- New changes from 2025-2026 are emphasized with yellow shading.
- *Indicates primary key
- **Zero fill all non-applicable data fields**
- A header row is required for .csv and .xlsx files



Data Field List:

Name of Field	Field Length	Text Start Position	Text End Position	CSV Order	Excel Column	Example(s)	Remarks
School District/BOCES Code	4	1	4	1	A2	0001	
School Code	4	5	8	2	B2	2200	
Local Course Identifier/Code	100	9	108	3	C2	1234	
Local Course Title	100	109	208	4	D2	Algebra	
Course Level	1	209	209	5	E2	G	
Course Credits	4	210	213	6	F2	1.00	
Section Number	25	214	238	7	G2	123	
Term	3	239	241	8	H2	Q1	
State Course Code	5	242	246	9	I2	05152	SCED Code
Educator of Record EDID	8	247	254	10	J2	12345678	
Educator of Record Staff's First Name	30	255	284	11	K2	valid name	
Educator of Record Staff's Last Name	30	285	314	12	L2	valid name	
Contributing Professional EDID	8	315	322	13	M2	12345678	Optional
Contributing Professional Staff's First Name	30	323	352	14	N2	valid name	Optional
Contributing Professional Staff's Last Name	30	353	382	15	O2	valid name	Optional
SASID	10	383	392	16	P2	123456789	
Student's Last Name	30	393	422	17	Q2	Smith	
Student's First Name	30	423	452	18	R2	John	1 for yes, 0 for no
Student's Gender	2	453	454	19	S2	01	
Student's Date of Birth	8	455	462	20	T2	01012000	
Student's Grade Level	3	463	465	21	U2	060	Core Credits Course
Roster Start Date	8	466	473	22	V2	09152012	
Roster End Date	8	474	481	23	W2	12152012	
Credits Granted	4	482	485	24	X2	1.00	Required for 9th graders and Migrant
Course Completion Status	1	486	486	25	Y2	1	
Core Credits Course	1	487	487	26	Z2	0 or 1	1 for yes, 0 for no

Data Field Descriptions:

Local Course Identifier/Code

The identifier designated by the local district for the course.

Local Course Title

The Local Course Title designated by the local district for the course. Note: If there is no difference from the title and the Local Course Identifier, then repeat the value from the Local Course Identifier.

Course Level

The level associated with the course offered.

Code	Description
B	**Basic/Remedial** – A course focusing primarily on skills development, including literacy in language, mathematics, and the physical and social sciences. These courses typically meet the state's or district's expectations of scope and difficulty for mastery of the content.
C	**College** - A course that is designed to be credit-bearing at a postsecondary institution.
E	**Enriched or Advanced** - A course that augments the content and/or rigor of a general course, but does not carry an honors designation.
G	**General** – A course providing instruction in a given subject area that focuses primarily on general concepts appropriate for the grade level. General courses typically meet the state's or district's expectations of scope and difficulty for mastery of the content.
H	**Honors** – An advanced-level course designed for students who have earned honors status according to educational requirements. These courses typically include additional content not found in general courses, and are formally designated as honors courses. (Note: These courses are NOT designated as Advanced Placement or International Baccalaureate. Those courses have a unique State Course Code because they have specific curriculums designated by their organization. Typically AP/IB courses are designated as General for mapping purposes since they have a unique/special course code that already designates their level of rigor.)

Course Credits

The length of the course in terms of Carnegie Units. A one-year course that meets daily for approximately 50 minutes to 1 hour equals 1.00 Carnegie Unit Credit. Base all calculations on 1 hour for 1 year. Therefore, a semester long course that meets for approximately 1 hour equals 0.50 Carnegie Unit Credit. (Note: system requires credits be entered as 4 characters. Example: 1.00 or 0.50).

Section Number

The identifier designated by the local district for the section for the course.

Term

The level associated with the course offered.

Code	Description
IS1	Intersession
LS1	Long Session
YR	Full Year
S1	1st Semester
S2	2nd Semester
T1	1st Trimester
T2	2nd Trimester
T3	3rd Trimester
Q1	1st Quarter
Q3	3rd Quarter
Q4	4th Quarter
QM1	1st Quinmester
QM2	2nd Quinmester
QM3	3rd Quinmester
QM4	4th Quinmester
QM5	5th Quinmester
H1	**1st Hexamester**
H2	**2nd Hexamester**
H3	**3rd Hexamester**
H4	**4th Hexamester**
H5	**5th Hexamester**
H6	**6th Hexamester**

Code	Description
O1	1st Octamester (1 of 8 terms)
O2	2nd Octamester
O3	3rd Octamester
O4	4th Octamester
O5	5th Octamester
O6	6th Octamester
O7	7th Octamester
O8	8th Octamester
B1	1st Nonamester (1 of 9 terms)
B2	2nd Nonamester
B3	3rd Nonamester
B4	4th Nonamester
B5	5th Nonamester
B6	6th Nonamester
B7	7th Nonamester
B8	8th Nonamester
B9	9th Nonamester
SS1	Summer School Session 1
SS2	Summer School Session 2
SS3	Summer School Session 3

State Course Code

The appropriate state course number which corresponds to the local course identifier. Refer to Colorado SSCC Codes and match the best SSCC Course Code for the course. To search the current list of the statewide standard course codes: https://nces.ed.gov/scedfinder/Home/Search.

Educator of Record EDID
An eight (8) digit numeric field containing the 8-digit value assigned by CDE to the Educator of Record, an individual assigned primary responsibility for a student's learning in a subject/course with aligned performance measures.

Educator of Staff's First Name
A name given to an individual at birth, baptism, or during another naming ceremony, or through legal change.

Educator of Staff's Last Name
The name borne in common by members of a family.

Contributing Professional EDID
An eight (8) digit numeric field containing the 8-digit value assigned by CDE to the Contributing Professional, an individual assigned responsibility to provide additional services that support and increase a student's learning in a subject/course with corresponding aligned performance measures. This field is optional.

Contributing Professional Staff's First Name
A name given to an individual at birth, baptism, or during another naming ceremony, or through legal change. This field is optional.

Contributing Professional Staff's Last Name
The name borne in common by members of a family. This field is optional.

SASID
A unique ten-digit numeric field containing the ten-digit value assigned by CDE to the student whose record is being submitted for processing.

Student's Last Name
The thirty-character field contains the student's last name. This thirty-digit field is REQUIRED and if left blank will result in an error.

Student's First Name
The thirty-character field contains the student's first name. This thirty-digit field is REQUIRED and if left blank will result in an error.

Student's Gender

A two-digit numeric field containing the value of the student's gender. **Gender** - An individual's sex.

Code	Description
01	Female – identifies as female (including a transgender student/staff who identifies exclusively as female).
02	Male – identifies as male (including a transgender student/staff who identifies exclusively as male).
03	Nonbinary - does not identify exclusively as male or female. Nonbinary does not refer to a transgender student/staff who identifies exclusively as either male or female

Student's Date of Birth

The month, day, and year on which an individual was born.

Student's Grade Level

The grade level or primary instructional level at which a student enters a school or an educational institution during a given school year.

Code	Description
002	Infant
004	Pre-Kindergarten (Preschool)
006	Half Day Kindergarten (450+ hours)
007	Full Day Kindergarten (900+ hours)
010	Grade 1
020	Grade 2
030	Grade 3
040	Grade 4
050	Grade 5
060	Grade 6
070	Grade 7
080	Grade 8
090	Grade 9
100	Grade 10
110	Grade 11
120	Grade 12

Roster Start Date

The month, day and year on which the student began enrollment in the course.

Roster End Date

The month, day and year on which the student stopped enrollment in the course.

Credits Granted

The credits granted to the student in Carnegie units for completing a given course or section of a course (e.g., 1.0, .50, .25, .20). Required for 8th – 12th grade Migrant students only; this field may be left blank for all other students. The Code of Federal Regulations 34 CFR 200.81, 200.82(c) and 200.85 The regulation ensures the prompt availability of educational and health information of migratory children to facilitate: Timely school enrollment, appropriate grade and course placement, accrual of secondary course credits. The Code of Federal Regulations: 34 CFR 76.720, applies to a States required under 2, CFR 200.327 (Financial Reporting) and 2 CFR, 200.328 (Monitoring and Reporting of Program Performance), Government Performance and Results Act (GPRA), which measures the percentage of MEP students who entered 11th grade and received full credit for Algebra I or a higher mathematics course. This field is also required for all students with grade level 090 (HB24-1282).

Course Completion Status

The final indicator of the student's performance and course completion status at the time of data submission. Districts may find "Completed – Pass" and "Completed – Satisfactory" to be similar; for clarification, districts may opt to use "Completed – Pass" for secondary level courses and "Completed – Satisfactory" for elementary courses. Yes or no field indicating whether the course in this record grants core credits by the LEA or not.

Code	Description
1	Completed – No Credit / No Grade / No Mark
2	Completed – Pass
3	Completed – Satisfactory
4	Completed – Unsatisfactory
5	Completed – Fail
6	Incomplete – No Credit / No Grade / No Mark
7	Withdrew – No Credit / No Grade / No

Core Credits Course

Yes or no field indicating whether the course in this record grants core credits by the LEA or not.

Code	Description
0	No
1	Yes

Document Changes:

Date	Description of Change	Reason for Change	Element(s) Affected
3/16/2020	Updated Interchange File Layout	Minimize data fields to only collect required data.	All elements
7/1/2021	Added codes for Octamester terms	District request	Terms
3/4/2022	Updated language for credits granted and purpose	Clarity	None
3/31/2023	Added 3rd field to gender category	Field added across CDE	Gender
6/27/2024	Updated file layout for accessibility	State accessibility requirement	None
3/10/2025	Updated purpose language, credits granted field, added new core course field	HB24-1282	Credits Granted, new field.