cte, course catalog, webinar wednesday, video

CTE Pathways: Establishing and Tracking CTE Pathways in the SIS

350 - cte pathways setup and tracking in the sis webinar 1-18-17 .mp4

1/25/2017 Webinar Wednesday video on CTE Pathways. For more Webinar Wednesday videos, click here.

Basic Guidelines

- A CTE Pathway equals a minimum of 300 hours.
- A CTE Pathway is a **minimum of 2 Courses** and may be 5 or 6 Courses. Either way, a pathway represents a minimum 300 hour time investment on the part of the student.
- An Introductory Course should not cross industry sectors.
- Concentrator and Capstone Courses need to be used in one Pathway only.
- A CTE Pathway Completer must make a grade of C- or better in all Pathway courses.
- Dual-Enrollment CTE Courses should always use the CTE course code
 (NOT the usual Dual-Enrollment Course codes) in the course catalog. They
 should also be marked as "College Credit" course in the Non-Std
 Instructional Level dropdown.

1. Establishing CTE Courses in the Course Catalog

Α

Support all your CTE Courses in the Course Catalog, whether they are part of a CTE Pathway or not.

To help simplify the process when looking for CTE Courses in multiple sectors, consider using the CTE Industry Sector Code as part of the Local Course Code. For example, Introduction to Public Safety Careers would have a local course code of 5846-1. By adding the Sector Code – 5846-1 PUB – it becomes easier to rapidly find the appropriate courses when setting up your CTE Pathway in the SIS.

Maste	r Course List	Mato	th Classes to Courses	Pre	requis	ites	Insi	tructor	s							
All	Course Code	Version	Name	State Code	СТЕ	Tech Prep	AG	Crd	Trans Category	Curriculum Category	NCLB	IS	Reported to State	Distance	NonStd Level	Se
0	7210-1 AME	1	Introduction to Graphic Design (Introduction)	7210	Yes			5	Electives	Electives	N	N	Υ	N	No	
0	7211-1 AME	1	Intermediate Graphic Design (Concentrator)	7211	Yes			10	Electives	Electives	N	N	Υ	N	No	
	7212-1 AME	1	Advanced Graphic Design (Capstone)	7212	Yes			10	Electives	Electives	N	N	Υ	N	No	

В

As of 8/2017 all CTE Course Codes have been changed from the 4000-5999 Codes to 7000-8999 Codes! Now is the time to go into this year's Course Catalog and make those necessary Course Code Changes.

All CTE Pathways that will be supported here in the State of California have also been defined in the Career Technical Education Course Code Definitions by Sector and Pathways 2017-2018 Users Guide that was released in September 2017. This document can be accessed here.

At the bottom of this manual – in FAQS and Resources – you will find a synopsis version of the above document that you may find helpful.

C

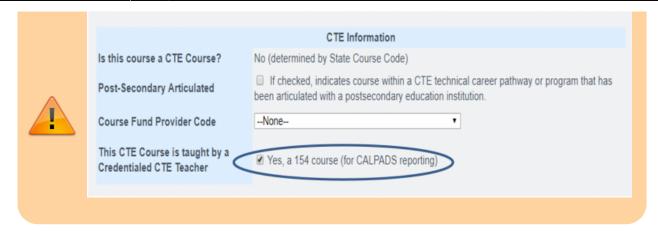
Create your CTE Pathways based on the User Guide above. Here is some basic information:

- A CTE Pathway can be delivered using Online Courses. However, this may not be considered a "high-quality" CTE Pathway. (At this time CALPADS does not track whether a course is "high-quality" only whether the student is a CTE Pathway Completer.)
- Any one CTE Pathway may involve a mix of Dual-Enrollment Courses, Online Courses, Articulated Courses and courses taught by a non-CTE-Credentialed teacher (not high-quality).
- CTE Pathways taught by credentialed CTE Teachers are considered high-quality.



NEW CALPADS REQUIREMENT AS OF 2/2017

Any CTE course that is part of a CTE Pathway must be marked with the 154 designation.

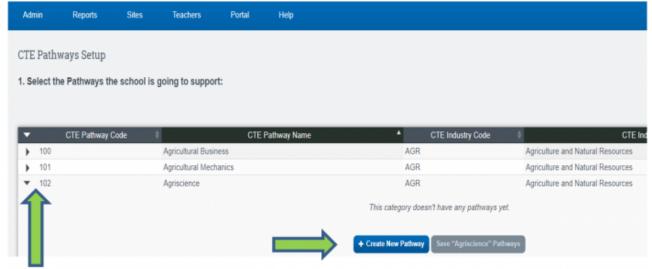


2. Admin Set-up of CTE Pathways & Aligned Participations

A. Setting up the CTE Pathways

Admin>Transcripts>CTE Pathways Setup

- 1. Choose the arrow next to the CTE Pathway Code for which you wish to develop a Pathway.
- Click on the arrow and then click on + Create New Pathway



- 3. Name the Pathway, especially if you have more than one Pathway within a CTE Industry Sector. (I.E.: Agriscience may have 2 Pathways: one called Floriculture and another called Food Science.)
- 4. Next, choose the courses to be associated with the Pathway by clicking on +Add Course. (Note a CTE Pathway supports a minimum of 2 courses. If there are only 2 courses, the first course will be an Introduction & Concentrator Course and the last Course will be a Capstone Course. When the Pathway is more than 2 courses, the first course is called an Introduction Course and the last course is always the Capstone course.)
- 5. Once finished, **Save the Pathway**.

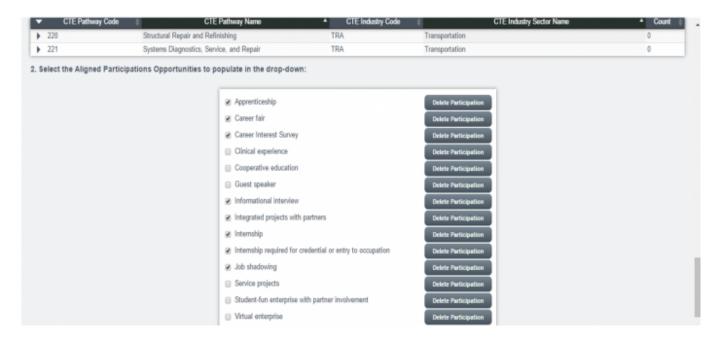


6. Continue the above process until you have finished setting up all the CTE Pathways the school is supporting.

B. Setting up the Aligned Participations

Admin>Transcripts>CTE Pathways Setup

After you have finished setting up your CTE Pathways, continue down to "2. Select the Aligned Participations Opportunities to populate in the drop-down." Aligned Participations are the activities a student might engage in while enrolled in a CTE Course. The SIS lists many of the more obvious activities and we also allow schools to add Aligned Participations of their own...



These Aligned Participations will appear on the Student's Individual CTE Page in the SIS.

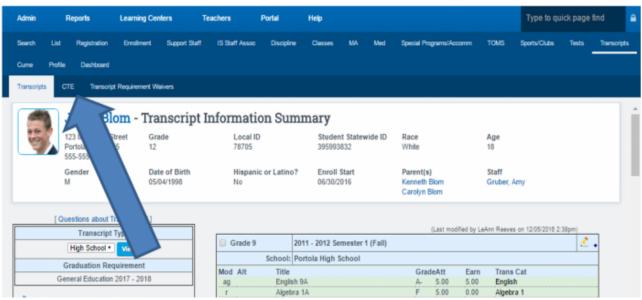


3. CTE Student Pages

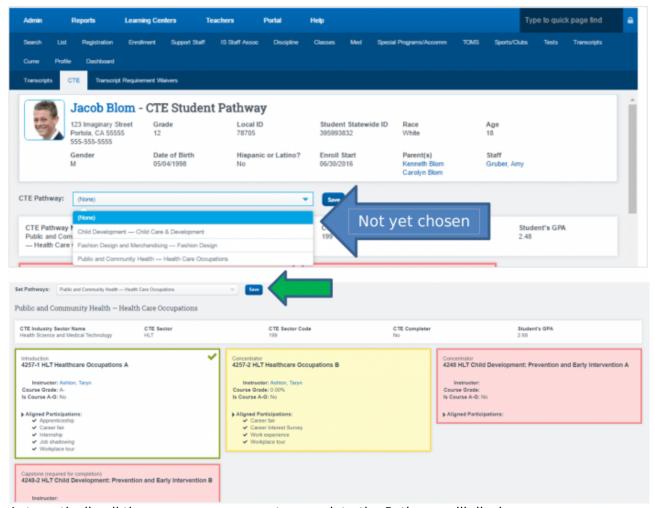
Student Dashboard>Transcripts>CTE

Each student has their own CTE Page. If a student decides to follow a CTE Pathway, this is where the school/teacher/counselor goes to establish the CTE Pathway chosen. Should a Student decide to change their CTE Pathway, previous courses will remain if they are also a part of the NEW Pathway chosen.

- 1. To get to the New CTE Student Page, start from any Student Dashboard. Click on the Transcripts tab. You will now see new tabs available within the Transcript Area:
- 2. Click on the CTE tab.



3. When you first go into this page you will see a **drop-down for the CTE Pathways** that the school supports. Choose the appropriate CTE Pathway and click **SAVE**.

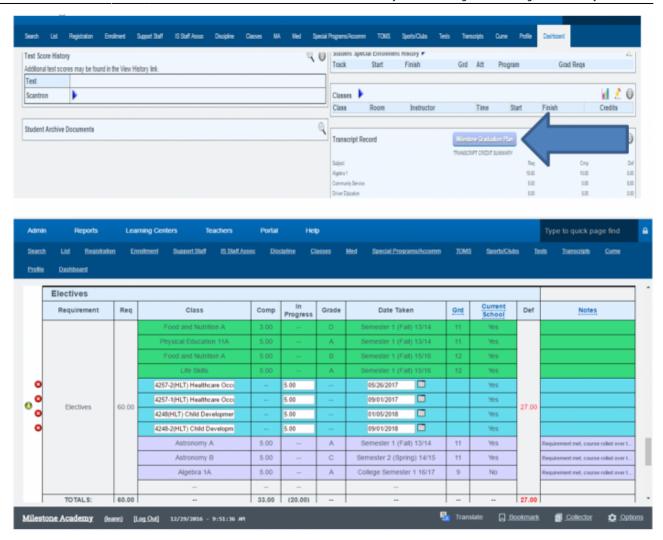


- 4. Automatically all the courses necessary to complete the Pathway will display
 - A green highlighted box indicates that the Course is already Completed
 - A vellow highlighted box indicates that the Course is In Progress.
 - A red highlighted box indicates that the Course is not yet on the Master Agreement.
- 5. When a student engages in CTE Aligned Participations,
 - Click on the arrow next to Aligned Participations,
 - choose all activities that apply and
 - hit the SAVE button.

These activities will then remain displayed. You can always add more participation later if desired.



6. REMEMBER TO CHECK A STUDENT'S CTE PATHWAY EACH YEAR DURING HIS/HER HIGH SCHOOL CAREER TO ASSIGN PATHWAY COURSES WHEN NECESSARY. It may be appropriate to use the Automated Academic plan (located on the Student Dashboard) for planning what courses the student will take during what years....



FAQs

1. **QUESTION**: Which academic courses can LEAs designate as part of a Career Technical Education (CTE) pathway?

ANSWER: LEAs that are populating field 9.10 (CRS-Course Content Code) with Code 154 (Career Technical Education) must now ensure that Code 154 is only used with specific academic courses that have been identified by the California Department of Education's Career Technical Education (CTE) Program Office as courses that would be logical parts of a CTE course sequence. **Code 154 can only be used with the courses listed in the table below**. Using code 154 with any academic course **not** listed below (not including any CTE courses in the 4000-5999 range) will result in a fatal error.

Course Code (Coded Value)	Course Content (Code Set Name: Course Group State)					
2360	IB Music					
2370	AP Music theory					
2451	Computer programming					
2453	Computer science					
2455	Web design					
2465	IB Computer science					
2470	AP Computer science A					
2471	AP Computer science AB					
2601	Aerospace education					
2602	Aviation education					
2609	Oceanography					
2617	Conservation					
2602	Aviation education					
2606	Zoology					
2655	Anatomy and Physiology					
2666	IB Design technology					
2674	AP Environmental science					
2732	Law-related education					
2860	IB Visual Arts					
2874	AP Studio Art: Drawing					
2875	AP Studio Art: Two Dimensional					
2876	AP Studio Art: Three Dimensional					
2960	IB Theatre					
2766	IB Business and Management					

2. **QUESTION**: Is CTE really necessary in a Student's High School career? Is there any real difference between a student who takes a CTE Course and a student who completes a CTE Pathway?

ANSWER: Yes! The state encourages schools to have all students take at least an exploratory CTE course, however the state definitely encourages – and tracks – those graduating seniors who have finished a CTE Pathway during their high school career.

The current LCFF State Priorities Snapshot for every school tracks the percent of 4-Year cohorts that completed at least 1 CTE Pathway during high school. Additionally, the new state API for High School is including this same information as a significant indicator of a Student Achievement.

To see your school's LCFF State Priorities Snapshot go to www.cde.ca.gov/snapshot

3. **QUESTION**: Where can I go to see a list of the current state CTE course codes?

ANSWER: http://www.cde.ca.gov/ds/sp/cl/systemdocs.asp

4. **QUESTION**: Can you provide us with a sample of what CTE Pathways look like? We are just beginning the process to see what Pathways our school will support and would love to see an example.

ANSWER: Here is an example of what a few CTE Pathways might look like:

			Courses of Study by	Pathway						
SECTORS		Introductory	Concentration	Concentration	Capstone					
Agricultu	re a	nd Natural Resources (AGR)								
	Agr	science (Pathway Code 102)(60%	Complete)							
	1	Intro to Agriculture	Plant Science*		Floralculture					
Agriscience (Pathway Code 102) (100% Complete)										
_	2	Intro to Agriculture	Food Science 1A		Food Science 1B					
18/	Aniı	Animal Science (Pathway Code 103) (80% Complete)								
W	1	Intro to Agriculture	Animal Science*		Vet Science					
Arts, Med	dia, a	nd Entertainment (ART)								
	Des	ign, Visual and Media Arts (Path	way Code 111) (100% Complete)							
	1	Principles of Arts, A/V Tech and Comm A/B (Ed)	Graphic Design and Illustration A (Ed) Graphic Design and Illustration B (Ed)		Digital and Interactive Media A (Ed) Digital and Interactive Media B (Ed)					
Design, Visual and Media Arts (Pathway Code 111) (100% Complete)										
	2	Principles of Arts, A/V Tech and Comm A/B (Ed)	Professional Photography A (Ed)		Professional Photography B (Ed					

5. QUESTION: Can a student be enrolled in more than one CTE Pathway?

ANSWER: Yes! A student can be enrolled in multiple CTE Pathways.

CTE Resources

CALPADS CTE Codesets

Click to download CTE Codeset files in .CSV format

- Agriculture & Natural Resources
- Arts, Media & Entertainment
- Building & Construction Trades
- Business and Finance
- Education, Child Development, and Family Services
- Energy, Environment & Utilities
- Engineering and Architecture
- Fashion and Interior Design
- Health Science & Medical Technology
- Hospitality, Tourism, and Recreation
- Information and Communication Technologies
- Manufacturing and Product Development
- Marketing, Sales, and Service
- Public Services
- Transportation

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