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**

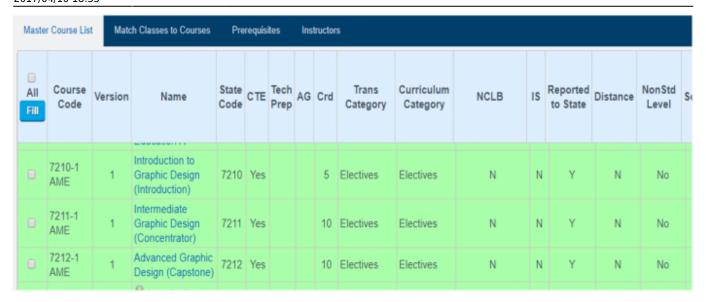
- A CTE Pathway equals a minimum of 300 hours.
- A CTE Pathway is a minimum of 2 Courses and may be 5 or 6 Courses. Either way, a pathway represents a minimum 300 hour time investment on the part of the student

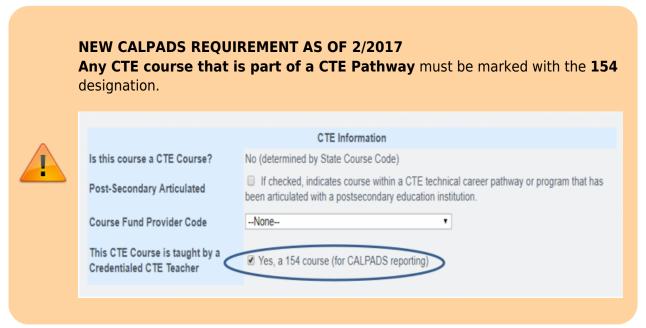


- An Introductory Course should not cross industry sectors.
- Concentrator and Capstone Courses need to be used in one Pathway only.
- A CTE Pathway Completer must make a grade of Cor better in all Pathway courses.
- Dual-Enrollment CTE Courses should always use the CTE course code (NOT the usual Dual-Enrollment 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

Obviously you will want to support all your CTE Courses in the Course Catalog. 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 the CTE Pathway in the SIS.



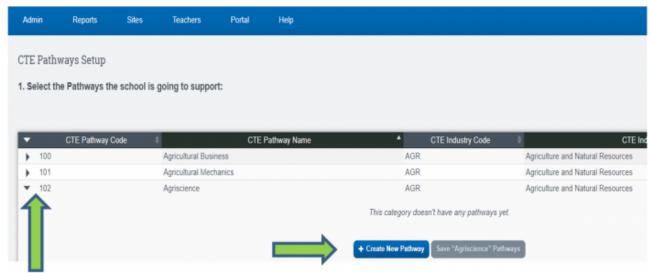


## 2. Admin Set-up of CTE Pathways & Aligned Participations

## 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.
- 2. 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.

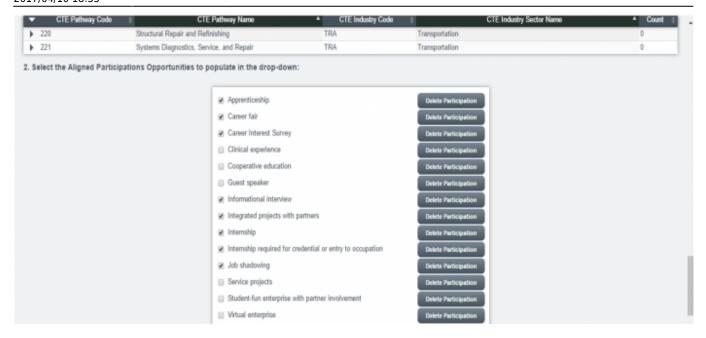


6. Continue the above process until you have finished setting up all the CTE Pathways the school is supporting.

## **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.

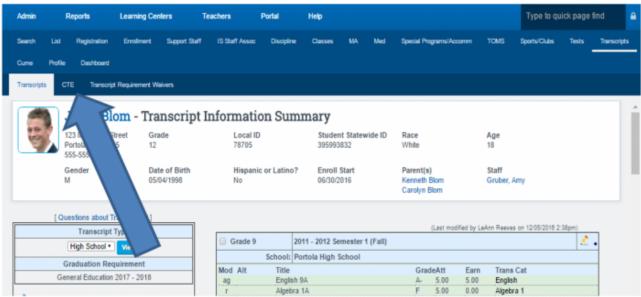


# 3. CTE Student Pages

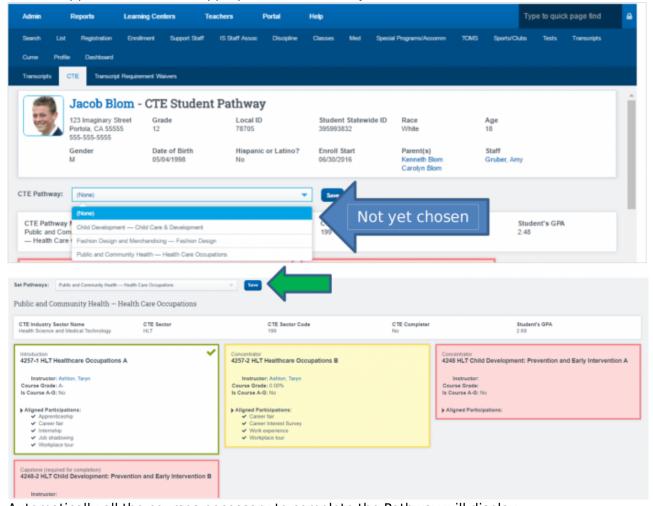
## **Student Dashboard>Transcripts>CTE**

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**.

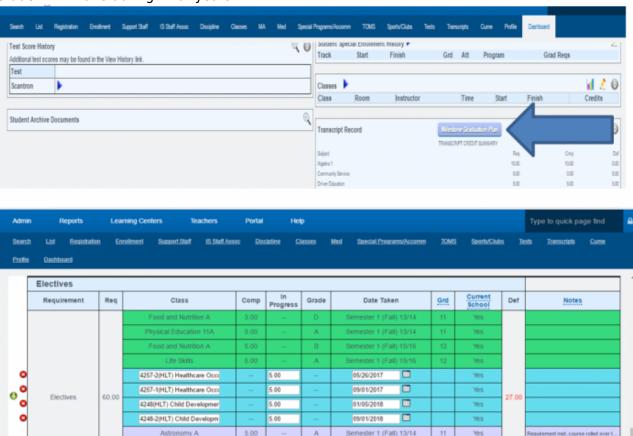


- 4. Automatically all the courses necessary to complete the Pathway will display
  - A green highlighted box indicates that the Course is already Completed
  - A yellow highlighted box indicates that the Course is In Progress.
  - A red highlighted box indicates that the Course is not yet on the Master 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....



Semester 2 (Spring) 14/15

College Semester 1 16/17

## **FAQs**

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

5.00

5.00

33.00 (20.00)

Astronomy B

Algebra 1A

ANSWER: LEAs that are populating field 9.10 (CRS-Course Content Code) with Code 154

TOTALS

60.00

Milestone Academy (leann) [Log Out] 12/29/2016 - 9:51:36 AM

(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		
Agricultur	re ar	nd Natural Resources (AGR)					
	Agri	science (Pathway Code 102)(60%	Complete)				
	1	Intro to Agriculture	Plant Science*		Floralculture		
	Agri	science (Pathway Code 102) (100	% Complete)				
	2	Intro to Agriculture	Food Science 1A		Food Science 1B		
1	Anir	nimal Science (Pathway Code 103) (80% Complete)					
W	1	Intro to Agriculture	Animal Science*		Vet Science		
Arts, Med	ia, a	nd Entertainment (ART)					
	Desi	gn, 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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