

CTE Pathways in PLSIS

[350_-_cte_pathways_setup_and_tracking_in_the_sis_webinar_1-18-17_.mp4](#)

1/18/2017 Webinar Wednesday video on CTE Pathways.

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.

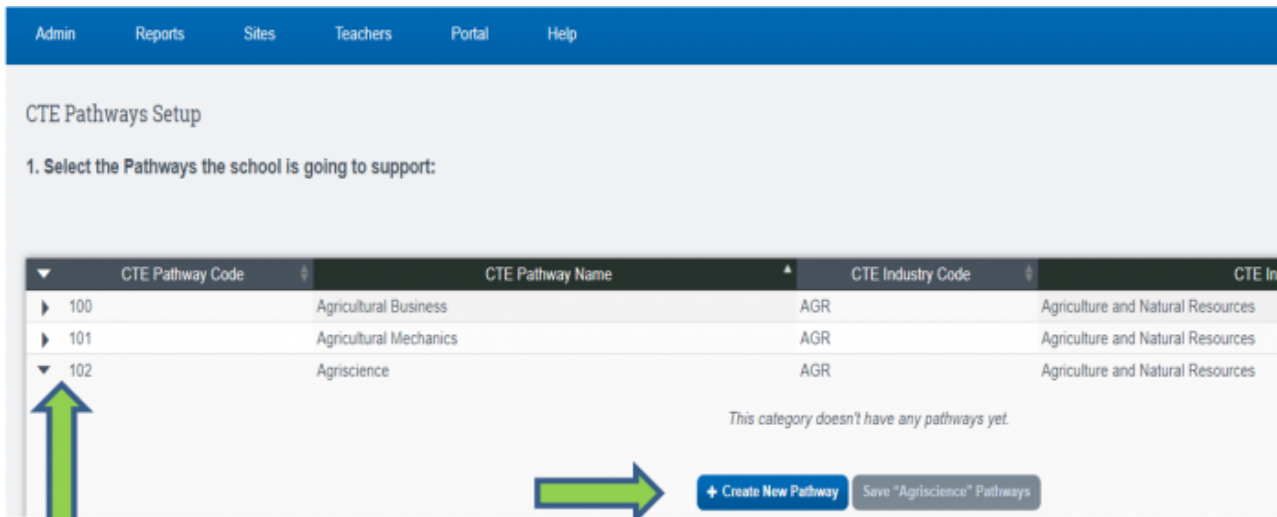
| Master Course List | | | | | | | | | | | | | | | | |
|--|-------------|---------|---|------------|-----|-----------|----|-----|----------------|---------------------|------|----|-------------------|----------|--------------|----|
| Match Classes to Courses Prerequisites Instructors | | | | | | | | | | | | | | | | |
| All | Course Code | Version | Name | State Code | CTE | Tech Prep | AG | Crd | Trans Category | Curriculum Category | NCLB | IS | Reported to State | Distance | NonStd Level | Se |
| <input type="checkbox"/> | 7210-1 AME | 1 | Introduction to Graphic Design (Introduction) | 7210 | Yes | | | 5 | Electives | Electives | N | N | Y | N | No | |
| <input type="checkbox"/> | 7211-1 AME | 1 | Intermediate Graphic Design (Concentrator) | 7211 | Yes | | | 10 | Electives | Electives | N | N | Y | N | No | |
| <input type="checkbox"/> | 7212-1 AME | 1 | Advanced Graphic Design (Capstone) | 7212 | Yes | | | 10 | Electives | Electives | N | N | Y | N | No | |

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

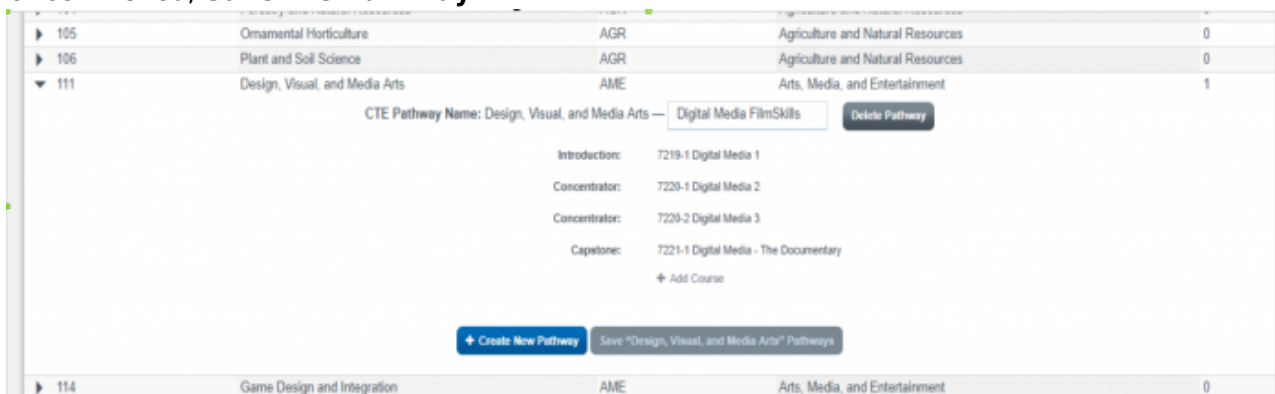
A. Setting up the CTE Pathways

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...

| CTE Pathway Code | CTE Pathway Name | CTE Industry Code | CTE Industry Sector Name | Count |
|------------------|--|-------------------|--------------------------|-------|
| 220 | Structural Repair and Refinishing | TRA | Transportation | 0 |
| 221 | Systems Diagnostics, Service, and Repair | TRA | Transportation | 0 |

2. Select the Aligned Participations Opportunities to populate in the drop-down:

- Apprenticeship
- Career fair
- Career Interest Survey
- Clinical experience
- Cooperative education
- Guest speaker
- Informational interview
- Integrated projects with partners
- Internship
- Internship required for credential or entry to occupation
- Job shadowing
- Service projects
- Student-run enterprise with partner involvement
- Virtual enterprise

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

Introduction
4257-1 HLT Healthcare Occupations A

Instructor: Ashton, Taryn
Course Grade: A-
Is Course A-G: No

Aligned Participations:

- Apprenticeship
- Career fair
- Internship
- Job shadowing
- Workplace tour

Concentrator
4257-2 HLT Healthcare Occupations B

Instructor: Ashton, Taryn
Course Grade: 0.00%
Is Course A-G: No

Aligned Participations:

- Work experience
- Workplace tour

Concentrator
4248 HLT Child Development: Prevention and Early Intervention A

Instructor:
Course Grade:
Is Course A-G: No

Aligned Participations:

Capstone (required for completion)
4248-2 HLT Child Development: Prevention and Early Intervention B

Instructor:
Course Grade:
Is Course A-G: No

Aligned Participations:

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.

| Mod Alt | Title | GradeAtt | Earn | Trans Cat |
|---------|------------|----------|------|-----------|
| ag | English 9A | A- 5.00 | 5.00 | English |
| r | Algebra 1A | F 5.00 | 0.00 | Algebra 1 |

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**.

| CTE Industry Sector Name | CTE Sector | CTE Sector Code | CTE Completer | Student's GPA |
|---------------------------------------|------------|-----------------|---------------|---------------|
| Health Science and Medical Technology | HLT | 199 | No | 2.68 |

| | | |
|---|---|--|
| 4257-1 HLT Healthcare Occupations A (Green box) Introduction Instructor: Ashton, Taryn Course Grade: A- Is Course A-B: No Aligned Participations: - Apprenticeship - Career fair - Internship - Job shadowing - Workplace tour | 4257-2 HLT Healthcare Occupations B (Yellow box) Concentrator Instructor: Ashton, Taryn Course Grade: 0.00% Is Course A-B: No Aligned Participations: - Career fair - Career Interest Survey - Work experience - Workplace tour | 4248 HLT Child Development: Prevention and Early Intervention A (Red box) Concentrator Instructor: Course Grade: Is Course A-B: No Aligned Participations: |
|---|---|--|

4. Automatically all the courses necessary to complete the Pathway will display

- o A **green highlighted box** indicates that the Course is already Completed
- o A **yellow highlighted box** indicates that the Course is In Progress.
- o A **red highlighted box** indicates that the Course is not yet on the Master Agreement.

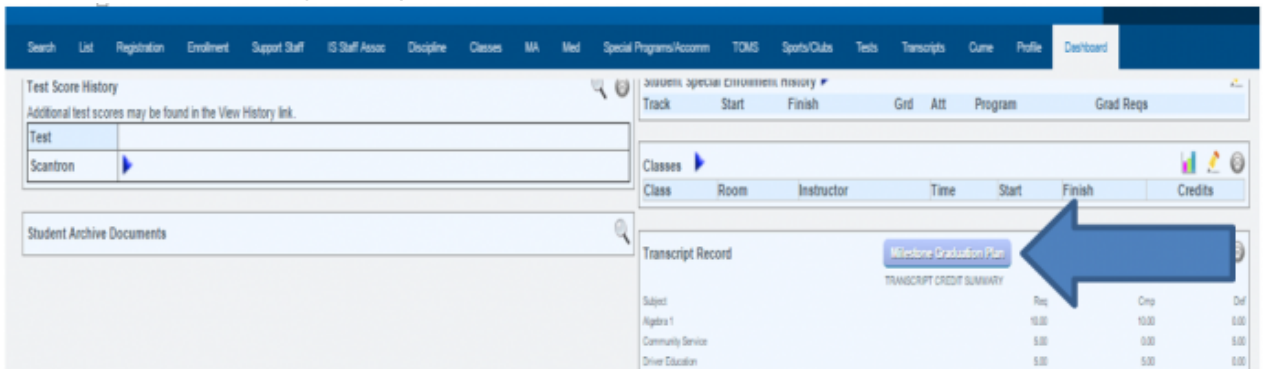
5. When a student engages in CTE **Aligned Participations**,

- o Click on the arrow next to **Aligned Participations**,
- o **choose all activities that apply** and
- o 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...



| Requirement | Req | Class | Comp | In Progress | Grade | Date Taken | Grd | Current School | Def | Notes | |
|-------------|-------|----------------------------|-------|--------------------------|-------|---------------------------|------------|--|-------|--|--|
| Electives | 60.00 | Food and Nutrition A | 3.00 | -- | D | Semester 1 (Fall) 13/14 | 11 | Yes | | | |
| | | Physical Education 11A | 5.00 | -- | A | Semester 1 (Fall) 13/14 | 11 | Yes | | | |
| | | Food and Nutrition A | 5.00 | -- | B | Semester 1 (Fall) 15/16 | 12 | Yes | | | |
| | | Life Skills | 5.00 | -- | A | Semester 1 (Fall) 15/16 | 12 | Yes | | | |
| | | 4257-2(HLT) Healthcare Occ | -- | 5.00 | -- | | 05/26/2017 | | Yes | | |
| | | 4257-1(HLT) Healthcare Occ | -- | 5.00 | -- | | 09/01/2017 | | Yes | | |
| | | 4248(HLT) Child Developm | -- | 5.00 | -- | | 01/05/2018 | | Yes | | |
| | | 4248-2(HLT) Child Developm | -- | 5.00 | -- | | 09/01/2018 | | Yes | | |
| | | Astronomy A | 5.00 | -- | A | Semester 1 (Fall) 13/14 | 11 | Yes | | Requirement met, course rolled over t... | |
| | | Astronomy B | 5.00 | -- | C | Semester 2 (Spring) 14/15 | 11 | Yes | | Requirement met, course rolled over t... | |
| Algebra 1A | 5.00 | -- | A | College Semester 1 16/17 | 9 | No | | Requirement met, course rolled over t... | | | |
| TOTALS: | 60.00 | -- | 33.00 | (20.00) | -- | -- | -- | -- | 27.00 | | |

FAQs

1. **QUESTION:** Our school wants to use 2655 – Anatomy and Physiology for several of our CTE Pathways. It is not technically a CTE course (using state codes between 4000 and 5999). How do I reflect this as a course that can be part of a CTE Pathway?

ANSWER: When you set this course up in the Course Catalog, you may want to identify it as an

Academic CTE Course. Because you may use this course with more than one CTE Pathways you might note the Local Course Code as 2655-1 CTE and 2655-2 CTE to help you quickly identify this academic course as an Academic CTE Course.

Next, Check the box on the lower-right under CTE Information that reads Is this a secondary CTE content course? to Yes, a 154 course (for CALPADS reporting). Then SAVE your entry.

NOTE: There are only very specific courses that have been designated as Academic CTE Courses!

Here is the current list of courses that qualify:

| | Course Group State Code | Course Group State Name | Academic CTE Course | Content Area Category Assignment Code | Content Area Category Assignment Name | AP |
|----|-------------------------|----------------------------------|---------------------|---------------------------------------|---------------------------------------|----|
| 1 | | | | | | |
| 2 | 2360 | IB Music | Yes | 42 | Music | N |
| 3 | 2370 | AP Music theory | Yes | 42 | Music | Y |
| 4 | 2451 | Computer programming | Yes | 11 | Computer Education | N |
| 5 | 2453 | Computer science | Yes | 11 | Computer Education | N |
| 6 | 2455 | Web design | Yes | 11 | Computer Education | N |
| 7 | 2465 | IB Computer science | Yes | 11 | Computer Education | N |
| 8 | 2471 | AP Computer science AB | Yes | 11 | Computer Education | Y |
| 9 | 2601 | Aerospace education | Yes | 21 | Science | N |
| 10 | 2602 | Aviation education | Yes | 21 | Science | N |
| 11 | 2606 | Zoology | Yes | 21 | Science | N |
| 12 | 2609 | Oceanography | Yes | 21 | Science | N |
| 13 | 2617 | Conservation | Yes | 21 | Science | N |
| 14 | 2619 | Energy education | Yes | 21 | Science | N |
| 15 | 2655 | Anatomy and Physiology | Yes | 21 | Science | N |
| 16 | 2666 | IB Design technology | Yes | 21 | Science | N |
| 17 | 2674 | AP Environmental science | Yes | 21 | Science | Y |
| 18 | 2732 | Law-related education | Yes | 22 | History/Social Science | N |
| 19 | 2860 | IB Visual Arts | Yes | 10 | Art | N |
| 20 | 2874 | AP Studio Art: Drawing | Yes | 10 | Art | Y |
| 21 | 2875 | AP Studio Art: Two Dimensional | Yes | 10 | Art | Y |
| 22 | 2876 | AP Studio Art: Three Dimensional | Yes | 10 | Art | Y |
| 23 | 2960 | IB Theatre | Yes | 13 | Drama/Theater | N |
| 24 | 2470 | AP Computer science A | Yes | 11 | Computer Education | Y |

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>

From: <https://schoolpathways.com/knowledgebase/> - **School Pathways Knowledge Base**

Permanent link: https://schoolpathways.com/knowledgebase/doku.php?id=plsis:cte_pathways&rev=1484785946

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