cte, course catalog, webinar wednesday, video

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. For more Webinar Wednesday videos, click here.

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.

Maste	er Course List	Mate	th Classes to Courses	Pre	requis	ites	Inst	tructor	s							
All Fill	Course Code	Version	Name	State Code	CTE	Tech Prep	AG	Crd	Trans Category	Curriculum Category	NCLB	IS	Reported to State	Distance	NonStd Level	s
٠	7210-1 AME	1	Introduction to Graphic Design (Introduction)	7210	Yes			5	Electives	Electives	N	N	Y	N	No	
	7211-1 AME	1	Intermediate Graphic Design (Concentrator)	7211	Yes			10	Electives	Electives	N	N	Y	N	No	
٥	7212-1 AME	1	Advanced Graphic Design (Capstone)	7212	Yes			10	Electives	Electives	Ν	N	Y	Ν	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

Admin	Reports	Sites	Teachers	Portal	Help			
TE Path	ways Setup							
. Select th	he Pathways the	school is	going to suppor	t:				
•	CTE Pathway C	ode (CTE	Pathway Name	•	CTE Industry Code 🛛 🗍	CTE
• 100			Agricultural Busin	less		AGR		Agriculture and Natural Resources
101			Agricultural Mech	anics		AGR		Agriculture and Natural Resources
▼ 102			Agriscience			AGR		Agriculture and Natural Resources
						This category doesn'	t have any pathways yet.	
						+ Create New Pathway	Save "Agriscience" Pathways	

- 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**.

	,		. 4	
105	Ornamental Horticulture	AGR	Agriculture and Natural Resources	0
106	Plant and Soil Science	AGR	Agriculture and Natural Resources	0
▼ 111	Design, Visual, and Media Arts	AME	Arts, Media, and Entertainment	1
	CTE Pathway Name: Design, V	isual, and Media Arts — Digital Media Film	Skills Delete Pathway	
		Introduction: 7219-1 Digital Media 1		
		Concentrator: 7220-1 Digital Media 2		
		Concentrator: 7220-2 Digital Media 3		
		Capstone: 7221-1 Digital Media - Tr	he Documentary	
		+ Add Course		
	+ Create New	Pathway Save "Design, Visual, and Media Ar	ts" Pathways	
114	Game Design and Integration	AME	Arts, Media, and Entertainment	0

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... 3/8

 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
Select the Aligned	Participations Opportunities to populate in the drop-do	wn:		
	Apprenticeship		Delete Participation	
	 Career fair 		Delete Participation	
	 Career Interest Surve 	у	Delete Participation	
	Clinical experience		Delete Participation	
	Cooperative education	n	Delete Participation	
	Guest speaker		Delete Participation	
	 Informational interview 	N	Delete Participation	
	Integrated projects will	th partners	Delete Participation	
	 Internship 		Delete Participation	
	Internship required for	r credential or entry to occupation	Delete Participation	
	Job shadowing		Delete Participation	
	Service projects		Delete Participation	
	Student-fun enterprise	e with partner involvement	Delete Participation	
	Virtual enterprise		Delete Participation	

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	Concentrator 4257-2 HLT Healthcare Occupations B Instructor: Ashlon, Taryn Course Grade: 0.00% Is Course A-G: No	Concentrator 4248 HLT Child Development: Prevention and Early Intervention A Instructor: Course Grade: Is Course A-G: No
Aligned Participations: Apprenticeship Career tai Information Jub shadowing Workplace four	Aligned Participations: Viork experience Viorkplace tour	Aligned Participations:
Capstone (required for completion) 4248-2 HLT Child Development: Prevention and Early Intervention B Instructor: Course Grade: Is Course A-G: No Milgned 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.

Admin	Reports	Learning Cente	ers T	eachers	Portal	Help							Type to qu	uick page	find
Search	List Registration	Enrolment	Support Staff	IS Staff Asso	c Discipline	Classes	ма	Med	Special Pr	ograms/Acc	omm	TOMS	Sports/Clubs	Tests	Transc
Cume	Profile Deshboard														
Transcripts	CTE Transcript	Requirement Waiv	vers												
-	Blo	om - Trar	nscript l	Informat	tion Sum	mary									
25	123 0 5t Portola 555-555	reet Grad 5 12	e	Local 78705		Studen 395993	t Statew 832	ide ID	Race White			Age 18			
	Gender M		of Birth V1998	Hispa No	nic or Latino?	Enroll : 06/30/2			Parent(s Kenneth Carolyn	Blom		Staff Gruber, Ar	ny		
	[Questions about Tr Transcript 1									(Last mod	fied by Le	Ann Reeves	on 12/05/2018 2		_
	High School •			Grade	9 20	11 - 2012 Se	mester 1	(Fall)						2	•
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	General Education			Mod Alt ag	Title English	9A.			Gra A-	deAtt 5.00	Earn 5.00	Trans (English			
					Algebra	14			F	5.00	0.00	Algebra			

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**.

Admin	Reports	Learning Cen	ders Ti	achers	Portal	Help						Type to o	quick page find	•
Search List	t Registration	Envollment	Support Staff	IS Staff Assoc	Discipline	Classes	Med	Special F	Programs/Accomm	n TOMS	Sports/C	Aubs Tes	ts Transcripts	
Cume Prof	lie Deshboerd													
Transcripts	CTE Transcrip	t Requirement Wo	aivers											
	Jacob Bl	om - CTI	E Studen	t Pathwa	v									-
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	Gender M		e of Birth 04/1998	Hispan No	ic or Latino?	Enroll 06/30/2			Parent(s) Kenneth Blom Carolyn Blom		Staff Gruber, Ar	my		
CTE Pathway:	(None)					• •	1	_						
CTE Pathwa Public and Co — Health Car	re Fashion Design					199		ot y	et cho	sen		Student's (2.48	SPA	
	blic and Community Health munity Health —			v Sav	4									
CTE Industry Sector Health Science and	or Name Medical Technology	CTE Sec HLT	ttor		CTE Sector Co 199	de		CT No	E Completer			Student's GPA 2.68		
Introduction 4257-1 HLT Heal Instructor: Ard Course Grade: A- Is Course A-Q: No Aligned Participe Apprentice Cancer fair Internahp Job shadov Winkiplace	ations: ship	15 Å	,	Instruc Course Gn Is Course J Aligned P & Car & Car & Wer	T Healthcare Oc stor: Ashton, Taryn ade: 0.00% A-8: No Participations:					Concentrator #248 HLT Chil Instructor: Course Grade: Is Course A-0: Aligned Partic	No	ent: Preventic	en and Early Interv	ention A
Capstone (required 4248-2 HLT Chill Instructor:	I for completion) Id Development: Pr	evention and Ea	rly intervention E											

- 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,
 - $\circ\,$ Click on the arrow next to Aligned Participations,
 - choose all activities that apply and
 - $\circ\,$ 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....

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	t scores may be found in	the View Hi	story link.			Track	t Start	Finish	Grd	Att Progra		Grad Reqs	
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						Trans	script Record		_	ne Graduation Plan	\langle		-
						Subject			TRANSCR	IPT CREDIT SUMWARY	Res	One	0
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nofile	Dashboard Electives		Class Food and Nutrition A Physical Education 11A Food and Nutrition A	Comp 3.00 5.00 5.00	In	Grade D A B	Date Tak Semester 1 (Fi Semester 1 (Fi	ken all) 13/14 all) 13/14 all) 15/16	<u>Grd</u> 11 11	Current School Yes Yes Yes			
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	Dashboard Electives		Class Food and Nutrition A Physical Education 11A Food and Nutrition A Life Skills 4257-2(HLT) Healthcare Occ	Comp 3.00 5.00 5.00 5.00	In Progress 5.00	Grade D A B A	Date Tak Semester 1 (F) Semester 1 (F) Semester 1 (F) Semester 1 (F)	ken all) 13/14 all) 13/14 all) 15/16 all) 15/16	<u>Grd</u> 11 11	Current School Yes Yes Yes Yes			
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	Dashbaard Electives Requirement	Req	Class Food and Nutrition A Physical Education 11A Food and Nutrition A Life Skills 4257-2(HLT) Healthcare Occi 4257-1(HLT) Healthcare Occi 4248(HLT) Child Developmen	Comp 3.00 5.00 5.00 5.00	In Progress 	Grade D A B A 	Date Tak Semester 1 (Fi Semester 1 (Fi Semester 1 (Fi 05/26/2017 09/01/2017 01/05/2018	ten all) 13/14 all) 13/14 all) 15/16 all) 15/16 all) 15/16 all) 15/16 all all 15/16 all all 15/16 all all 15/16 all all 15/14 all 15/14 all 15/14 all 13/14 all 15/16 all 15/16	<u>Grd</u> 11 11	Current School Yes Yes Yes Yes Yes Yes	Def		8
	Dashbaard Electives Requirement	Req	Class Food and Nutrition A Physical Education 11A Food and Nutrition A Life Skills 4257-2(HLT) Healthcare Occi 4257-1(HLT) Healthcare Occi 4248(HLT) Child Developmer 4248-2(HLT) Child Developm	Comp 3.00 5.00 5.00 5.00 5.00 5.00 5.00 5.00	In Progress 	Grade D A B A 	Date Tak Semester 1 (F- Semester 1 (F- Semester 1 (F- 05/26/2017 05/26/2017 05/26/2017 01/05/2018 09/01/2018	ten alt) 13/14 alt) 13/14 alt) 15/16 alt) 15/16 alt) 15/16 alt) 15/14	Grd 11 11 12 12 12	Current School Yes Yes Yes Yes Yes Yes	Def	Notes	e rolled over t
	Dashbaard Electives Requirement	Req	Class Food and Nutrition A Physical Education 11A Food and Nutrition A Life Skills 4257-2(HLT) Healthcare Occo 4257-1(HLT) Healthcare Occo 4248(HLT) Child Developmer 4248-2(HLT) Child Developmer Astronomy A	Comp 3.00 5.00 5.00 5.00 6.00 6.00 6.00 6.00 6	In Progress 	Grade D A B A 	Date Tak Semester 1 (F- Semester 1 (F- Semester 1 (F- 05/26/2017 09/01/2017 01/05/2018 09/01/2018 Semester 1 (F-	ten all) 13/14 all) 13/14 all) 15/16 all) 15/16 all) 15/16 all) 13/14 all) 13/14 all) 13/14	Grd 11 11 12 12 12 12 12 12 11	Current School Yes Yes Yes Yes Yes Yes Yes	Def	Notes	e roled over t e roled over t
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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.

Edit Course			
Course Information			
Course school type	High School	Active	If unchecked, this course will be retired
Local Course Code	2655-1 CTE	Course Name *	Anatomy and Physiology A Cocked (class names match course name exactly)
Credits *	5 Credits •	Course Aliases	Anatomy and Physiology A
State Course Code '	2655: Anatomy and Physiology Swarch state codes Exclude from state reporting	Version	2
Description		le le	
NCLB Core Academic Course	No	Non Std Instructional Level	Select *
Curriculum	Electives Foreign Languages Language Arts Mathematics	Minimum Class Size	1
Category *	Physical Education Science Social Studies Spelling and Handwriting Visual and Performing Arts Check All	Maximum Class Size	20
State Univ.	(D) Laboratory Science •	Gender Restriction	None *
Instruction	-None *		
Transcript Category	Life Science *	CTE Information	
R/C Grading Method	A.F •	Is this course a CTE Course?	Secondary
Course Requirements		Technical Preparation Course (A CTE course delivered via a postsecondary education institution; this instructional sequence extends through two or more years. Districts: Can	
		ONLY be offered by a district belonging to a Technical Prep Consortia).	
Gradelevel		Course Fund Provider Code	None *
	UU AD US UE 2N TO TK PS KN 01 02 03 04 05 06 07 08 09 ¥ 10 ¥ 11 ¥ 12 Check All Select K.6 Select 5.12 Deselect All	Is this a secondary CTE content course? (e.g. FFA Student Government; English for Engineering; Animal Science; etc.) Override CTE status	
Room/Facility	No requirement *	to:	® Don't override O No
Course Prerequisites	Algebra 1A Algebra 1B Chemistry A Earth Science A English 10A English 10B English 9A English 9B Physical Education 10A Physical Education 10B Physical Education 9A		

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	Category Assignment	Content Area Category Assignment Name	AP
1	2360	IB Music		Code	· · · ·	
2	2370	100 11101010	Yes	42	Music	N
3		AP Music theory	Yes	42	Music	Y
4	2451	Computer programming	Yes	11	Computer Education	N
5	2453	mputer science	Yes	11	Computer Education	Ν
6	2455	Web design	Yes	11	Computer Education	N
7	2465	IB Computer science		(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
	2875	AP Studio Art: Two	Yes	10	Art	Y
21		Dimensional				l
	2876	AP Studio Art: Three	Yes	10	Art	Y
22		Dimensional				
23	2960	IB Theatre	Yes	13	Drama/Theater	N
24	2470	AP Computer science A	Yes	11	Computer Education	Y

 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 Pa	thway	
SECTORS		Introductory	Concentration	Concentration	Capstone
gricultu	ire ai	nd Natural Resources (AGR)			
	Agri	iscience (Pathway Code 102)(60%	Complete)		
	1	Intro to Agriculture	Plant Science*		Eloralculture
	Agri	iscience (Pathway Code 102) <mark>(100</mark>	% Complete)		
_	2	Intro to Agriculture	Food Science 1A		Food Science 1B
11	Anii	mal Science (Pathway Code 103)	(80% Complete)		
V.	1	Intro to Agriculture	Animal Science*		Vet Science
rts, Me	dia, a	nd Entertainment (ART)			
	Des	ign, Visual and Media Arts (Path	vay 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)
	Des	ign, Visual and Media Arts (Path	way Code 111) (100% Complete)		
	2	Principles of Arts, A/V Tech and Comm A/B (Ed)	Professional Photography A (Ed)		Professional Photography B (Ed

CTE Resources

• Agriculture & Natural Resources CALPADS CTE Codeset

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