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## **TEM** Today's Presentation

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## **TEM** Today's Topics

Why did TEA develop CTE indicator autocoded data?

What are the benefits of using a rule-based data approach to CTE indicator coding?

What is the timeline for CTE indicator autocode development?

What are the CTE indicator auto-code definitions?

Which resources are helpful for calculating **CTE Indicators?** 

The CTE Indicator Codes



## **TEM** Learning Objectives

- 1. Explain the added value of using a TSDS PEIMS data and rules-based approach to calculating CTE indicators.
- 2. Find and explain which reference look-up files are used in calculations.
- 3. Describe the different CTE indicator values and their definitions.
- 4. Explain how regional programs of study impact CTE indicator values in non-approved regions.





# Background and Context





### Why Did TEA Develop CTE Indicator Auto-coded Data?

- Inconsistencies resulting from legacy CTE indicator self-reported data
- The limitations of using legacy CTE indicator selfreported data
- Perkins V requirements





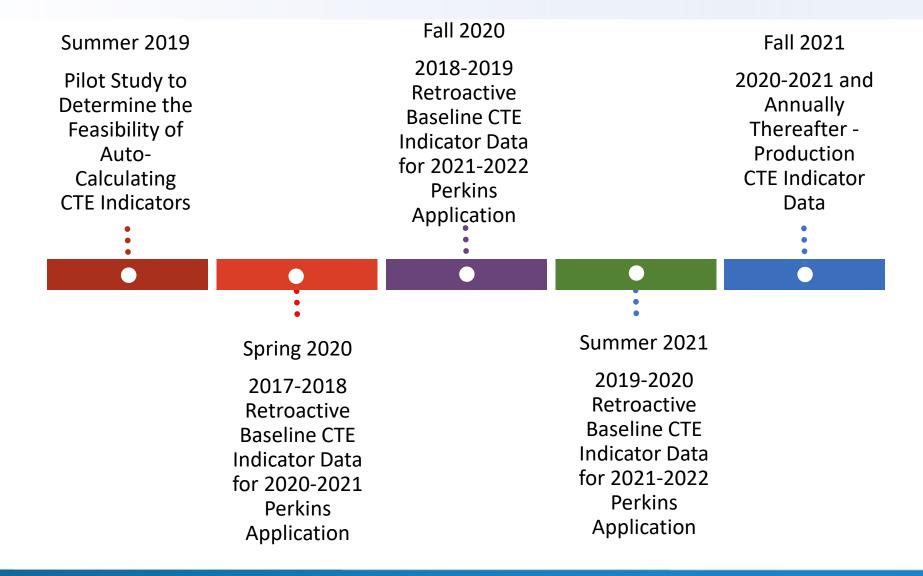
# What are the Benefits of Using a Rule-based Data Approach to CTE Indicator Coding?

- CTE indicator student coding not left up-to interpretation of the business rules
  - Accurate
  - Consistent
  - Equitable across LEAs
  - Codes follow students
- Locally repeatable
- District and charter school workload reduction



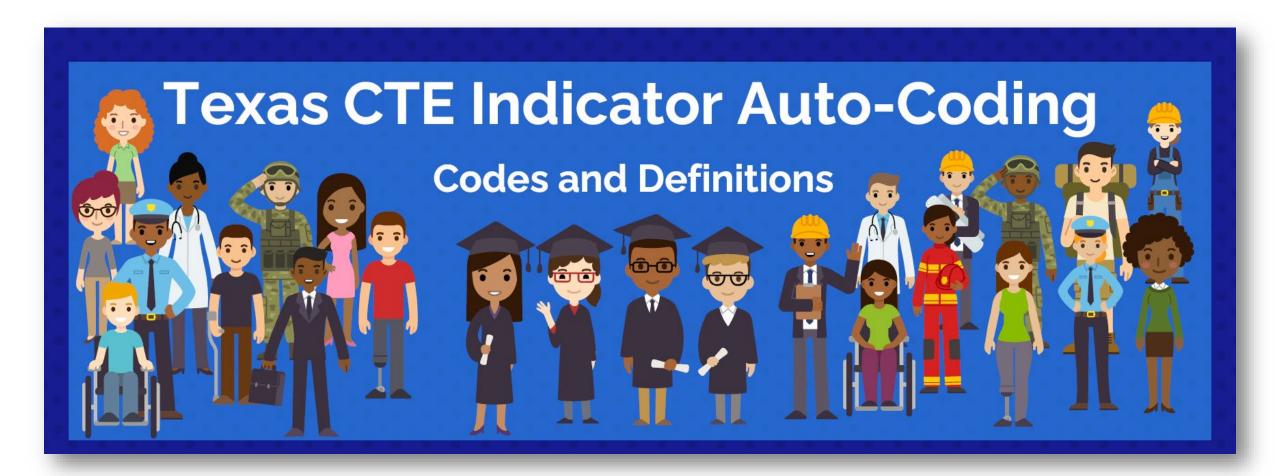


### What is the Timeline for CTE Indicator Auto-Code Development?





### What are the CTE Indicator Codes?





### **TEM** CTE Indicator Auto-code Definitions











Code 4

A student who never enrolled or who did not complete any highschool CTE Course

Code 5

A student completing one or more courses for less than two credits\*

#### Code E

A student completing two or more high school CTE courses for a total of two or more credits defined by 19 TAC Chapter 126 (C), 127(B) or 130 and not a participant, concentrator or completer (the student does not have to pass or receive credit).\*

#### Code 6

A student completing and passing at least two or more 19 TAC Chapter 126 (C), 127 (B) or 130 CTE courses for a total of at least two credits within the same program of study and not a completer.

#### Code 7

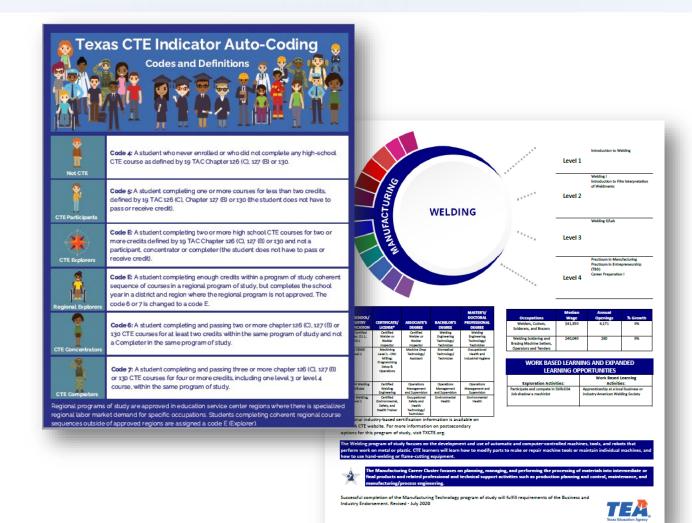
A student completing and passing three or more 19 TAC Chapter 126 (C), 127 (B) or 130 CTE courses for a total of four or more credits within a program of study, including one level three or level four course from within the same program of study.

<sup>\*</sup> Participant and Explorer coded students do not have to pass high-school CTE courses or receive credit.



# Which Resources are Helpful to Calculate CTE Indicators?

- Definition One-pager
- Statewide and Regional Programs of Study Frameworks
- Look-up Tables
- Student Scenarios
- FAQs
- Technical Documentation





### **TEM** Supporting Materials

#### **Definition One-pager**

A quick reference guide to the CTE indicator definitions.

### Statewide and Regional Program of Study Frameworks

 Provides a visual reference for the programs of study course sequences and course levels.

### Look-up Tables (Excel)

• The primary table (worksheet) maps the program of study codes to course sequences, levels and credits.

#### **Student Scenarios**

• A set of student course completion patterns over time that illustrate CTE indicator coding each year of a student's educational career.

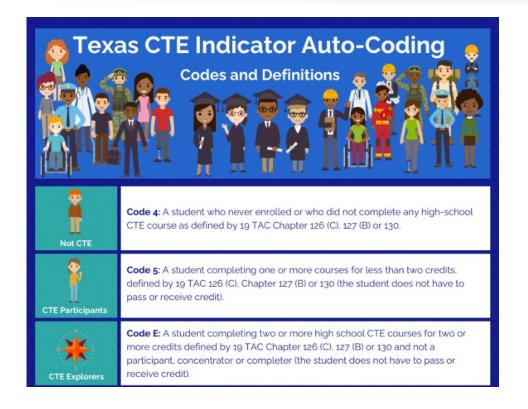
#### Frequently Asked Questions

• Provides answers to common questions about CTE indicators.



### TEM CTE Indicator One-Pager







\*Code E: A student completing enough credits within a program of study coherent sequence of courses in a regional program of study, but completes the school year in a district and region where the regional program is not approved. The code 6 or 7 is changed to a code E.



Code 6: A student completing and passing two or more chapter 126 (C), 127 (B) or 130 CTE courses for at least two credits within the same program of study and not a Completer in the same program of study.



Code 7: A student completing and passing three or more chapter 126 (C), 127 (B) or 130 CTE courses for four or more credits, including one level 3 or level 4 course, within the same program of study.

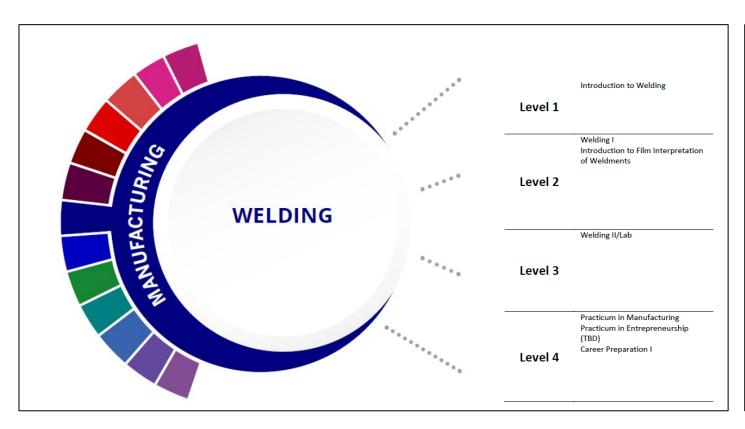
\*Regional programs of study are approved in education service center regions where there is specialized regional labor market demand for specific occupations. Students concentrating and/or completing a coherent regional course sequence outside of approved regions are assigned a code E (Explorer).



### **TEA** Programs of Study Frameworks







COURSE INFORMATION			
COURSE NAME	SERVICE ID	PREREQUISITS (PREQ) COREQUISITES (CREQ)	Grade
Introduction to Welding	13032250 (1 credit)	None	9-12
Welding I	13032300 (2 credit)	None	10-12
Introduction to Film Interpretation of Weldments	N1303687 (1 credit)	None	10-12
Welding II/Lab	13032400 (2 credits) 13032410 (3 credits)	PREQ; Welding I	11-12
Practicum in Manufacturing	13033000 (2 credits) 13033005 (3 credits) 13033010 (2 credits) 13033015 (3 credits)	None	12
Practicum in Entrepreneurship	TBD	TBD	TBD
Career Preparation I	12701300 (2 credits) 12701305 (3 credits)	None	11-12



## **TEA** CTE Indicator Look-up Tables

#### 2020-2021 Look-up Tables Production CTE Indicator Data Project

September 2020 - August 2021

As of 10/23/20

College, Career and Military Preparation Division Texas Education Agency

Program of Study ID	Program of Stud T	Service ID 🕫	Course Title	▼ Level ↓	Tier 🗐	Credit →	State Career Cluster 🗸	Federal Career Cluster
60	Welding	13032250	Introduction to Welding	1	1	1	S12	F14
60	Welding	13032300	Welding I	2	1	2	S12	F14
60	Welding	N1303687	Introduction to Film Interpretation of Weldments	2	1	1	S12	F14
60	Welding	13032400	Welding II	3	2	2	S12	F14
60	Welding	13032410	Welding II/Welding II Lab	3	2	3	S12	F14
60	Welding	12701300	Career Preparation I	4	2	2	S12	F14
60	Welding	12701305	Career Preparation I/Extended Career Preparation	4	2	3	S12	F14
60	Welding	13033000	Practicum in Manufacturing (First Time Taken)	4	2	2	S12	F14
60	Welding	13033005	Practicum in Manufacturing/Extended Practicum in Manufacturing (First Time Taken)	4	2	3	S12	F14
60	Welding	13033010	Practicum in Manufacturing (Second Time Taken)	4	2	2	S12	F14
60	Welding	13033015	Practicum in Manufacturing/Extended Practicum in Manufacturing (Second Time Taken)	4	2	3	S12	F14



### TEA CTE Indicator Student Scenarios

#### CTE Indicator Auto-Coding – Course Completion and Annual Coding Student Scenarios

Code 4 (Not CTE) A student who did not complete any high-school CTE course. Code 5 (CTE Program Participant)

A student completing one or more high-school CTE courses for less than two credits (the student does not have to pass or receive credit). Code E (CTE Program Explorer) A student completing two or more high school CTE courses for two or

more credits and not a participant, concentrator or completer (the student does not have to pass or



Code 6 in two programs of study. Moves to Texas her Freshman year. Natasha moves to Texas her Freshman year; completes courses in multiple programs of study and is a code 6 in two of them.



Code 6 in one program of study. Moves out of state before graduating. Luke completes courses in one program of study and becomes a code 6; then moves out of state his senior vear.



Code 6 in one program of study and code 7 in another. Carol dreams of flying and completes courses in two programs of study and is a code 6 in one and a code 7 in another.



Code 7 in one program of study. Tony completes courses in one program of study only. He is a code 7.



Code 6 in one program of study.. Nick completes courses in one program of study, moves out of state for a year, returns, graduates. He is a code 6.



Code 7 in one program of Bruce completes courses in one program of study and moves out of state before his junior year. He is a code 7.

ve credit).						
6 <sup>th</sup> Grade	Not in Texas	No CTE Courses	No CTE Courses	No CTE Courses	No CTE Courses	No CTE Courses
2017-2018		Code 4	Code 4	Code 4	Code 4	Code 4
7 <sup>th</sup> Grade	Not in Texas	No CTE Courses	Investigating Careers	No CTE Courses	No CTE Courses	No CTE Courses
2018-2019		Code 4	Code 4	Code 4	Code 4	Code 4
8 <sup>th</sup> Grade	Not in Texas	No CTE Courses	No CTE Courses	Principles of Manufacturing	Principles of GPA	Principles of Health Sci.
2019-2020		Code 4	Code 4	Code 5	Code 5	Code 5
9 <sup>th</sup> Grade	Intro to American Law	Principles of Biosciences	Principles of Applied Engineering	Principles of Applied	Federal Law Enforcement	Medical Terminology
2020-2021	Code 5	Code 5	Introduction to Aircraft	Engineering	and Protective Services	Code 6
			Technology	Code 6 (Adv. Manuf. and	Code 6 (Government and	(Healthcare Diagnostics
			Code E	Machinery Mechanics)	Public Administration)	
					Moves out of state in July	
10 <sup>th</sup> Grade	Criminal Investigation	Biotechnology I	Manufacturing Engineering	Robotics I	Lives out of state this	Health Science
2021-2022	Code 6 (Law Enforcement)	Code 6 (Bio-Medical Science)	Technology I	Code 6	year, then moves back to	Theory/Health Science
			Code 6 (Engineering)	(Adv. Manuf. and	Texas in July 2022, enrolls	Clinical (2 credits)
			Occ. Safety & Env. Tech. I	Machinery Mechanics)	in different district	Code 7
			Code 6 (Aviation Maintenance)		No CTE Indicator reported	(Healthcare Diagnostic
					this year	Moves out of State in Ju
11 <sup>th</sup> Grade	Code 6 (Law Enforcement)	Biotechnology II	Code 6 (Aviation Maintenance)	Robotics II	Dimensions of Diplomacy	Lives out of state this ye
2022-2023	Foundations of Cybersecurity	Code 6 (Bio-Medical Science)	Aerospace Engineering (PLTW)	Code 7 (Adv. Manuf. and	Code 6 (Government and	No CTE Indicator reporte
		Moves out of state in July	Code 6 (Engineering)	Machinery Mechanics)	Public Administration)	this year
12 <sup>th</sup> Grade	Code 6 (Law Enforcement)	Lives out of state	Code 6 (Aviation Maintenance)	Practicum in	No CTE Courses	Lives out of state this yea
2023-2024	Computer Science I	No CTE Indicator reported this	Scientific Research and Design	Entrepreneurship	Code 6 (Government and	No CTE Indicator reporte
	Code 6 (Cybersecurity)	year	Code 7 (Engineering)	Code 7 (Adv. Manuf. and	Public Administration)	this year
				Machinery Mechanics)		
Program of Study	36 – Law Enforcement	9 - Bio-Medical Science	8 - Aviation Maintenance	2 - Adv. Manufacturing and	28 - Government and	32 - Healthcare
Program oj Study	15 - Cybersecurity		22 - Engineering	Machinery Mechanics	Public Administration	Diagnostics
Federal Career Cluster	F13 - Law, Public Safety	F16 - STEM	F16 – STEM	F14 - Manufacturing	F13 - Law, Public Safety	F9 - Health Science
reuerai Career Ciuster	F16 – STEM		F17 - Trans. Dist. and Logistics			
e. Career and Military Pre	eparation Division   Texas Education	Agency			Versio	on 11.1   Updated 5/26/



### TEM CTE Indicator Technical Documentation

#### Go through the logic of **Code 7** first:

Identify students completing three or more courses (service IDs) for 4 or more credits in the same program of study, with at least one course being a level 3 or 4; Pass/Fail Indicator must equal 1 – assign CTE Indicator "7". Record the Program of Study ID for every instance of a unique Program of Study.

**Note:** The credits are determined from the course units in the Service-ID C022 table, not from the credits awarded by the district on the transcript. If there is a range of credits, use the highest value in the range.

#### Next go through logic of **Code 6**:

Identify students completing two or more courses (service IDs) for at least two credits within the same program of study; Pass/Fail Indicator must equal 1 – assign CTE Indicator "6". Record the Program of Study ID for every instance of a unique Program of Study. (Do not assign a "6" for the Program of Study if a "7" was already for that Program of Study.)



### TEM Sample of TSDS PEIMS Data Elements Used

### C135 COURSE-SEQUENCE-CODE

• In order for the course to count in calculations, it must be the last course in a sequence.

### C136 PASS/FAIL-CREDIT-INDICATOR-CODE

• Codes 6 (Concentrator) and 7 (Completer) require students to pass, complete and receive credit.

### C220 PROGRAM-OF-STUDY-CODE

 Provides code set and names for statewide and regional programs of study.

### C227 STATE-CAREER-**CLUSTER-CODE**

• Provides code set and names of state programs of study.

### C228 FEDERAL-CAREER-**CLUSTER-CODE**

• Provides code set and names of federal programs of study.





## The CTE Indicator Codes





### **TEA** Code 4 (Not CTE) Definition

**Code 4**: A student who never enrolled or who did not complete any high-school CTE course as defined by 19 TAC Chapter 126 (C), 127 (B) or 130.





### Code 4 (Not CTE) Definition: Ben





#### <u>Ben</u> Code 4 in one district

Ben focuses on academics and football in high school and does not take any CTE courses.

6 <sup>th</sup> Grade	No CTE Courses
2017-2018	Code 4
7 <sup>th</sup> Grade	No CTE Courses
2018-2019	Code 4
8 <sup>th</sup> Grade	No CTE Courses
2019-2020	Code 4
9 <sup>th</sup> Grade	No CTE Courses
2020-2021	Code 4
10 <sup>th</sup> Grade	No CTE Courses
2021-2022	Code 4
11 <sup>th</sup> Grade	No CTE Courses
2022-2023	Code 4
12 <sup>th</sup> Grade	No CTE Courses
2023-2024	Code 4
Program of Study	None
Federal Career Cluster	None

- Ben did not complete any CTE courses and focused on football instead.
- Because Ben did not attempt or complete any CTE courses he is a code 4 Not CTE throughout high school.



### TEA Code 5 (CTE Participant) Definition

**Code 5**: A student completing one or more courses for less than two credits, defined by 19 TAC 126 (C), Chapter 127 (B) or 130 (the student does not have to pass or receive credit).





### Code 5 (CTE Participant) Definition: Susan





#### Code 5 in one district

Susan is on the swim team and takes one course in Arts and AV but no other CTE courses.

6 <sup>th</sup> Grade	No CTE Courses
2017-2018	Code 4
7 <sup>th</sup> Grade	No CTE Courses
2018-2019	Code 4
8 <sup>th</sup> Grade	No CTE Courses
2019-2020	Code 4
9th Grade	Principles of Arts, A/V
2020-2021	Technology, and
	Communications
	Code 5
10 <sup>th</sup> Grade	No CTE Courses
2021-2022	Code 5
11 <sup>th</sup> Grade	No CTE Courses
2022-2023	Code 5
12 <sup>th</sup> Grade	No CTE Courses
2023-2024	Code 5
Program of Study	None
Federal Career Cluster	None

- Susan completed Principles of Arts, A/V Technology, and Communications.
- Because Susan completed at least one high school CTE course but no more throughout high school, she is a code 5
   Participant starting at the end of the 9<sup>th</sup> grade, and in each grade thereafter.



# TEA Code E (CTE Explorer) Definition

**Code E**: A student completing two or more high school CTE courses for a total of two or more credits defined by 19 TAC Chapter 126 (C), 127 (B) or 130 and not a participant, concentrator or completer (the student does not have to pass or receive credit).





### Code E (CTE Explorer) Definition: Stanley



	Stanley
	Code E in one district
	Stanly takes CTE courses
	in two career clusters,
	exploring CTE courses, but
	never concentrates in one
	program of study. Stanly is a code E.
6 <sup>th</sup> Grade	No CTE Courses
2017-2018	Code 4
7 <sup>th</sup> Grade	No CTE Courses
2018-2019	Code 4
8 <sup>th</sup> Grade	No CTE Courses
2019-2020	Code 4
9 <sup>th</sup> Grade	No CTE Courses
2020-2021	Code 4
10 <sup>th</sup> Grade	Animation I
2021-2022	Code 5
11 <sup>th</sup> Grade	Advertising
2022-2023	Code E
12 <sup>th</sup> Grade	Principles of Hospitality
2023-2024	and Tourism
	Code E
Program of Study	None
Federal Career Cluster	None

- Stanley completed two high-school CTE courses in different programs of study.
- Because Stanley completed two courses but not in the same program of study, he is a code E
   <u>Explorer</u> starting at the end of the 10<sup>th</sup> grade, and in each grade thereafter.



### TEM Code 6 (CTE Concentrator) Definition

Code 6: A student completing and passing two or more 19 TAC Chapter 126 (C), 127 (B) or 130 CTE courses for a total of at least two credits within the same program of study and not a completer.





### Code 6 (CTE Concentrator) Definition: Shuri



<u>Shuri</u>
Code 6 in one
program of study
Shuri completes courses in
engineering but stops short
of becoming a CTE
Completer. She completes
three courses for 3 credits
in the Engineering program
of study. She is a code 6.
Lives outside U.S.A.
Lives outside U.S.A.
Lives outside U.S.A.
Principles of Applied
Engineering
Code 5
Manufacturing Engineering
Technology I
Code 6 (Engineering)
National Security
Code 6 (Engineering)
Code 6 (Engineering)
Scientific Research and
Design
22 - Engineering
F16 - STEM

Level 1	Principles of Applied Engineering Computer Aided Drafting and Manufacturing (TBD) Introduction to Engineering Design (PLTW) Engineering Essentials (PLTW)	
Level 2	Manufacturing Engineering Technology I	
Level 3	Engineering and Design and Development (PLTW) Engineering Design and Presentation I Computer Integrated Manufacturing (PTLW) Aerospace Engineering (PLTW) Digital Electronics Civil Engineering and Architecture (PLTW) Engineering Science Environmental Sustainability (PTLW)	
Level 4	Engineering Design and Problem Solving Engineering Design and Presentation II Practicum in STEM Scientific Research and Design	

- Shuri moved to Texas in the 9<sup>th</sup> grade and completed one
   Engineering program of study course this first year.
- Even though Shuri completed a CTE course outside of the engineering program of study in the 11<sup>th</sup> grade, she completed enough courses within the program of study to be coded a code 6 concentrator starting in the 10<sup>th</sup> grade and in each grade thereafter.



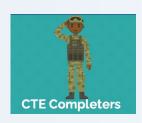
### TEA Code 7 (CTE Completer) Definition

**Code 7:** A student completing and passing three or more 19 TAC Chapter 126 (C), 127 (B) or 130 CTE courses for a total of four or more credits within a program of study, including one level three or level four course from within the same program of study.





### TEM Code 7 (CTE Completer) Definition: James



	James
	Code 7 in one district
	James dreams of joining
	the Marine Corps as a
	pilot one day. James
	completes the Aviation
	Flight regional program of
	study.
6 <sup>th</sup> Grade	No CTE Courses
2017-2018	Code 4
7 <sup>th</sup> Grade	No CTE Courses
2018-2019	Code 4
8 <sup>th</sup> Grade	No CTE Courses
2019-2020	Code 4
9th Grade	Introduction to Aerospace
2020-2021	and Aviation
	Introduction to Aircraft
	Technology
	Code 6
10 <sup>th</sup> Grade	Introduction to
2021-2022	Unmanned
	Aerial Vehicles
	Code 6 (Aviation Flight)
11th Grade	Aviation Ground School
2022-2023	(does not pass)
	Code 6 (Aviation Flight)
12 <sup>th</sup> Grade	Aerospace Engineering
2023-2024	Code 7 (Aviation Flight)
Program of Study	56 - Aviation Flight
	F17 - Transportation,
Federal Career Cluster	Distribution, and Logistics

Level 1	Introduction to Aerospace and Aviation Introduction to Aircraft Technology
	Introduction to Unmanned Aerial Vehicle Flight
Level 2	
	Aviation Ground School Aerospace Engineering
Level 3	Acrospace Engineering
	Practicum in Transportation Systems
	Scientific Research and Design
Level 4	

- James started completing regional program of study Aviation (Flight) CTE courses in the 9th grade, where he completed one course in the program.
- James completed two level 3 courses, he completed enough program of study courses and credits, including a level 3 or 4 course, and is coded a code 7 completer in the 12<sup>th</sup> grade.



# TEA Code E (CTE Explorer) Definition



### **Regional Explorers**

Also Code E: A student completing enough courses in a regional program of study to be coded a 6 or 7 but completes the school year in a district and geographic region where the regional program is not approved. The code 6 or 7 is changed to a code E.



# Code E (CTE Explorers) Definition: Arthur and Diana



How are students coded if they complete regional program of study courses in a region that is not approved for the program?

- Students may take and complete CTE courses anywhere in Texas.
- If the region is not approved for the regional program of study, once students complete enough courses to be coded a code 6 (concentrator) or code 7 (completer), the code reverts to a code E (explorer) each year.
- This process gives credit to the student and district, acknowledging the work.
- If the student later moves to a region where the regional program of study is approved, at the end of the school year the code will be either a code 6 or code 7, depending on how many courses and specific levels are completed.

Regional Program of Study Codes 6 & 7 Showing as a Code E in Un-Approved Region When a student completes enough regional program of study courses and completes a		
study courses and completes a school year in a non-approved region, if they have enough credits to be coded a 6 or 7,	Arthur Regional code E in one district in a non-approved region	<u>Diana</u> Regional Code E, 6 and 7 in one district after moving regions
their CTE Indicator code will revert to a Code E, until they are enrolled in an approved region for the program of study.	Arthur is fascinated with the sea and aquatic life. He takes regional maritime program of study courses in a non-approved region., even though his region was never approved for the maritime regional program of study He is a code E	Diana dreams of flying her own plane one day. She takes regional aviation courses in an approved region, moves to a non-approved region, and eventually moves back to her original approved region. She ends up a code 7.
6 <sup>th</sup> Grade 2017-2018	No CTE Courses Code 4	Introduction to Aerospace and Aviation <i>Code 5</i>
7 <sup>th</sup> Grade 2018-2019	Principles of Maritime Science <i>Code 5</i>	Introduction to Unmanned Aerial Vehicles Code 6 (Aviation)
8 <sup>th</sup> Grade 2019-2020	No CTE Courses Code 5	No CTE Courses  Code 6 (Aviation)  Moves to region B in the summer
9 <sup>th</sup> Grade 2020-2021	Maritime Science I <i>Code E</i>	Code E No CTE Courses Code E (Aviation) in non-approved region B
10 <sup>th</sup> Grade 2021-2022	Maritime Science II <i>Code E</i>	Code E  No CTE Courses  Code E (Aviation) in non-approved region B – Moves back to region A
11 <sup>th</sup> Grade 2022-2023	Practicum in Transportation Systems Code E	Aerospace Engineering Code 6 (Aviation)
12 <sup>th</sup> Grade 2023-2024	No CTE Courses Code E	Scientific Research and Design Code 7 (Aviation)
Program of Study	58 - Maritime	56 – Aviation Flight
Federal Career Cluster	F17 - Transportation, Distribution, and Logistics	F17 - Transportation, Distribution, and Logistics



# Code E (CTE Explorers) Definition: Arthur and Diana (Cont.)



- Arthur dreams of working on a ship one day.
- He completes enough courses in the Maritime regional program of study to be a code 7 completer, even though his region is not approved for the program.
- When he completed enough courses in the sequence, his codes 6 and 7 at different points in time are changed to a code E.

Regional Program of Study Codes 6 & 7 Showing as a Code E in Un-Approved Region When a student completes enough regional program of study courses and completes a	Arthur	Diana
school year in a non-approved region, if they have enough	Regional code E in one district in a	Regional Code E, 6 and 7 in one
credits to be coded a 6 or 7.	non-approved region	district after moving regions
their CTE Indicator code will	Arthur is fascinated with the sea	Diana dreams of flying her own
revert to a Code E, until they	and aquatic life. He takes regional	plane one day. She takes regional
are enrolled in an approved	maritime program of study courses in a non-approved region.,	aviation courses in an approved region, moves to a non-approved
region for the program of	even though his region was never	region, and eventually moves back
study.	approved for the maritime	to her original approved region.
	regional program of study He is a	She ends up a code 7.
	code E	•
6 <sup>th</sup> Grade	No CTE Courses	Introduction to Aerospace and
2017-2018	Code 4	Aviation
7 <sup>th</sup> Grade	Principles of Maritime Science	Code 5
2018-2019	Code 5	Introduction to Unmanned Aerial Vehicles
2018-2019	coue 5	Code 6 (Aviation)
8th Grade	No CTE Courses	No CTE Courses
2019-2020	Code 5	Code 6 (Aviation)
		Moves to region B in the summer
9th Grade	Maritime Science I	Code E
2020-2021	Code E	No CTE Courses
		Code E (Aviation) in non-approved region B
10 <sup>th</sup> Grade	Maritime Science II	Code E
2021-2022	Code E	No CTE Courses
		Code E (Aviation) in non-approved region B — Moves back to region A
11 <sup>th</sup> Grade	Practicum in Transportation	Aerospace Engineering
2022-2023	Systems	Code 6 (Aviation)
	Code E	
12th Grade	No CTE Courses	Scientific Research and Design
2023-2024	Code E	Code 7 (Aviation)
Program of Study	58 - Maritime F17 - Transportation, Distribution,	56 – Aviation Flight F17 - Transportation, Distribution,
Federal Career Cluster	and Logistics	and Logistics
	arra augidited	arm sagratitud

- Diana starts a regional Aviation (Flight) program of study in an approved region and is coded a code 6 Concentrator at the end of the 7<sup>th</sup> grade.
- Diana moved to an un-approved region for the program; her code 6 reverts to a code E Explorer for the years she completes courses outside an approved region.
- Prior to her Junior year, over the summer Diana moved back to a district in the approved region. At the end of the 11<sup>th</sup> grade, she is coded a code 6 again.
- Diana completed enough courses in the program her Senior year to be coded a code 7 Completer.



### **TEM** Validation Rules

- In the technical resources we provide some validation rules to assist with local code and report development.
- Validation rules are consistent with the requirements.

### **Examples**

- A student cannot be both a code 4 or code 5 AND a code E, 6 or 7 within the same year (mutually exclusive).
- A student cannot be both a code 6 and 7 in the same program of study in the same year.





# Closing





### CTE Indicator Resources

- <u>Career and Technical</u>
   <u>Education Program</u>
   <u>Information</u>
  - Approved Statewide <u>Programs of Study</u> Frameworks
  - Approved Regional <u>Programs of Study</u> Frameworks
  - Frequently Asked Questions

- 2020-2021 Texas Web
   Enabled Data Standards
   (pending) Technical
   Documentation
  - Field version of Auto-Code requirements
  - Look-up reference tables
  - Student Scenarios
  - CTE Indicator Definitions
     One-page Document

See links above for resources.



### Where Can I Find More Information?

For more information contact the Statewide CTE Coordinators in the College, Career and Military Preparation Division, Texas Education Agency

# Career and Technical Education

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