



CTE TEKS Implementation

Preparing the Workforce of
Tomorrow

August 9, 2017





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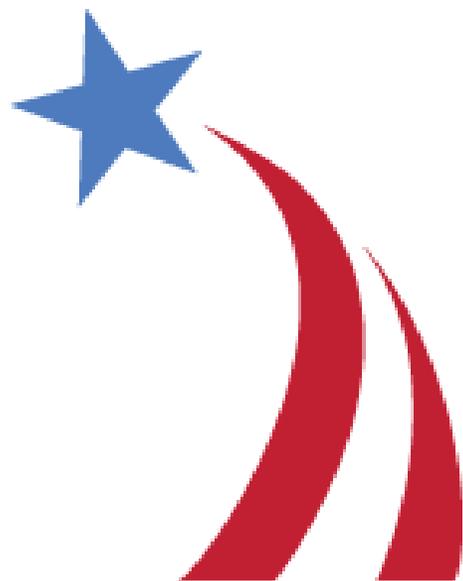
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Texas Essential Knowledge and Skills (TEKS)

Your journey starts here.



Sixteen Career Clusters®



Agriculture, Food
& Natural Resources



Architecture
& Construction



Arts, A/V Technology
& Communications



Business
Management
& Administration



Education
& Training



Finance



Government
& Public
Administration



Health Science



Hospitality
& Tourism



Human
Services



Information
Technology



Law, Public Safety,
Corrections
& Security



Manufacturing



Marketing



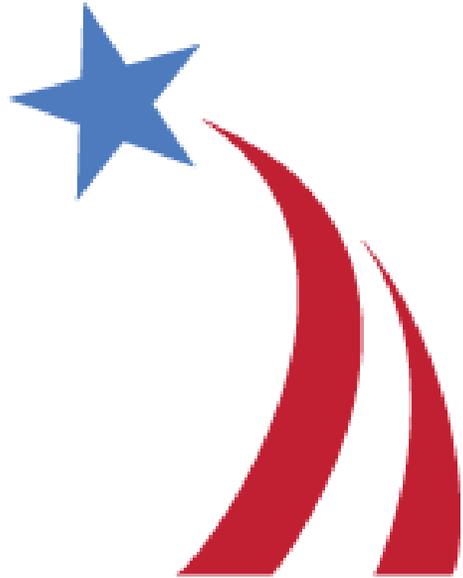
Science, Technology,
Engineering
& Mathematics



Transportation,
Distribution
& Logistics



CTE TEKS Courses



191

277

CTE Master Course List



TEXAS CTE
Your journey starts here.

Master Course List

Career and Technical Education

with Texas Student Data System
PEIMS Codes and Descriptions

2017-2018

Career and Technical Education (CTE) Key Changes to the TEKS



- Addition of a variety of new courses
- Some course names have changed
- Addition of new courses that may satisfy specific graduation requirements
- Addition, in some Career Clusters, of laboratory courses that may be used as corequisites and combined with corresponding theory-based course

Career and Technical Education (CTE) Key Changes to the TEKS



- Consistent course descriptions and introduction statements for CTE course and clusters
- Statement related to CTSO participation
- Employability Skills in all CTE courses
- Elimination of range of credit



CTE Course Crosswalk



TAC Chapter 130. Career and Technical Education				
Subchapter J. Human Services				
2010	Credits	2017	Credits	Codes
Principles of Human Services	.5 - 1	Principles of Human Services	1	
Dollars and Sense	.5 - 1	Dollars and Sense	.5	
Interpersonal Studies	.5 - 1	Interpersonal Studies	.5	
Lifetime Nutrition and Wellness	.5 - 1	Lifetime Nutrition and Wellness	.5	
Counseling and Mental Health	1 - 2	Counseling and Mental Health	1	
Child Development	.5 - 1	Child Development	1	
Child Guidance	1 - 2	Child Guidance	2	
Family and Community Services	.5 - 1	Family and Community Services	1	
Practicum in Human Services	2 - 3	Practicum in Human Services	2	
		Extended Practicum in Human Services*	1	
Principles of Cosmetology Design and Color Theory (innovative course)	1	Principles of Cosmetology Design and Color Theory	1	
Introduction to Cosmetology	.5 - 1	Introduction to Cosmetology	1	
Cosmetology I	2 - 3	Cosmetology I	2	
Cosmetology II	2 - 3	Cosmetology II	2	P

*This course must be taken concurrently with Practicum in Human Services and may not be taken as a stand-alone course.
Example: Practicum in Human Services (2 credits) + Extended Practicum in Human Services (1 credit) = 3 credits
 Note: A student may repeat a practicum course or practicum course + extended practicum course once for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills.

For the 2017-2018 school year, innovative courses Cosmetology Lab I and Cosmetology Lab II are available for one credit each. If used, these courses must be taken concurrently with the corresponding Cosmetology course. For example, Cosmetology Lab I must be taken with Cosmetology I.



CTE TEKS Revision

A Sampling of Course Name Changes

2016-2017 Name	2017-2018 Name
Exploring Careers	College and Career Readiness
Career Portals	Investigating Careers
Problems and Solutions	Project-Based Research
Instructional Practices in Education and Training	Instructional Practices



Introduction

(1) Career and technical education instruction provides content aligned with challenging academic standards and relevant technical knowledge and skills for students to further their education and succeed in current or emerging professions.

(2) The Hospitality and Tourism Career Cluster focuses on the management, marketing, and operations of restaurants and other food/beverage services, lodging, attractions, recreation events, and travel-related services.

(3) [Specific course description]

(4) Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

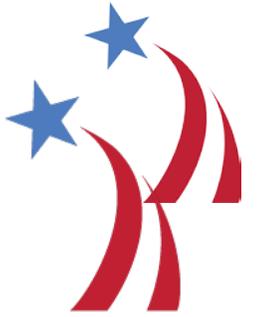
(5) Statements that contain the word "including" reference content that must be mastered, while those containing the phrase "such as" are intended as possible illustrative examples.



Employability Skills

(1) The student demonstrates professional standards/employability skills as required by business and industry. The student is expected to:

- (A) express ideas in a clear, concise, and effective manner;*
- (B) exhibit the ability to cooperate, contribute, and collaborate as a member of a team; and*
- (C) identify employer expectations such as punctuality, attendance, time management, communication, organizational skills, and productive work habits.*



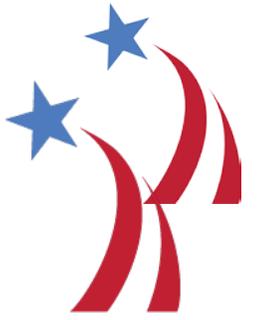
Understanding Prerequisites

Prerequisite

- The student must have successfully completed the course(s) listed as a prerequisite prior to enrollment in the course to which the prerequisite(s) applies.

Recommended Prerequisite

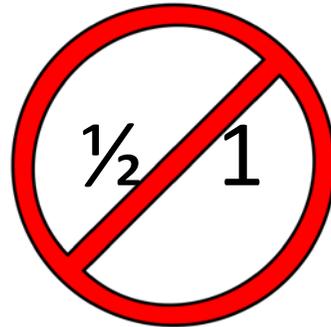
- It is strongly recommended that the student complete the course(s) prior to enrollment in the course to which it applies. The district should insure that students have this prerequisite knowledge.



CTE TEKS Revision

Elimination of Credit Ranges

Courses with $\frac{1}{2}$ - 1, 1-2, and 2-3 credits were changed to provide a consistent amount of credit.



CTE Courses that May Satisfy Specific Graduation Requirements



English

Business English

Fine Arts

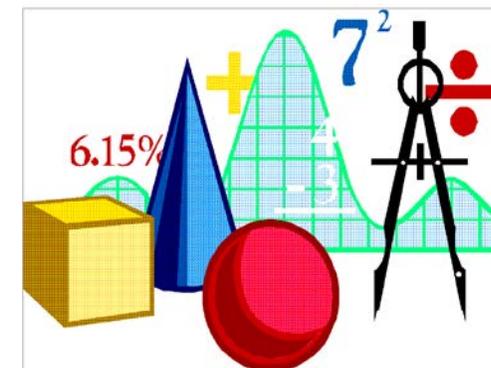
Floral Design



CTE Courses that Satisfy Mathematics Graduation Requirements



- > Accounting II
- > Applied Mathematics for Technical Professionals
- > Digital Electronics
- > Engineering Mathematics
- > Financial Mathematics
- > Mathematical Applications in Agriculture, Food, and Natural Resources
- > Mathematics for Medical Professionals
- > Manufacturing Engineering Technology II
- > Statistics and Business Decision Making
- > Robotics II



CTE Courses that Satisfy Science Graduation Requirements



- > Advanced Animal Science
- > Advanced Plant and Soil Science
- > Anatomy and Physiology
- > Biotechnology I
- > Biotechnology II
- > Engineering Design and Problem Solving
- > Engineering Science
- > Food Science
- > Forensic Science
- > Medical Microbiology
- > Pathophysiology
- > Principles of Technology
- > Scientific Research and Design





CTE TEKS Revision

Practicum Courses

- All practicum courses will provide 2 credits
- Extended practicum courses will provide a third possible credit

Practicum in Education and Training, 2 credits

+

Extended Practicum in Education and Training, 1 credit

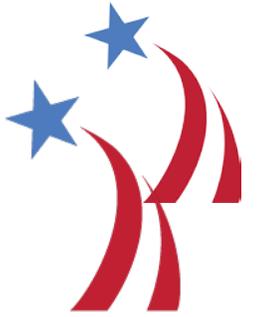
3 credits

Practicum

May Be Repeated a Second Year



"A student may repeat this course once for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills."



Career Preparation

- Career Preparation I will provide 2 credits
- Career Preparation II will provide 2 credits
- Extended Career Preparation will provide a third possible credit and may be repeated.

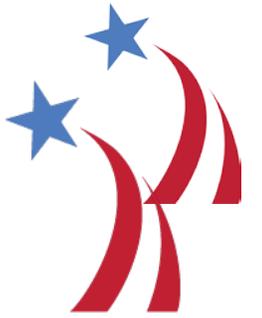
Career Preparation I, 2 credits

+

Extended Career Preparation, 1 credit

3 credits

CTE TEKS Revision



Theory and Lab Courses

- Theory courses may be taken alone (i.e., without the lab)
- Lab courses provide additional, hands-on experience with the content.
- Lab courses cannot be taken as stand-alone courses.
- General requirements often indicate *recommended* co-requisites.



Pathways

Therapeutic Services Pathway

Diagnostic Services Pathway

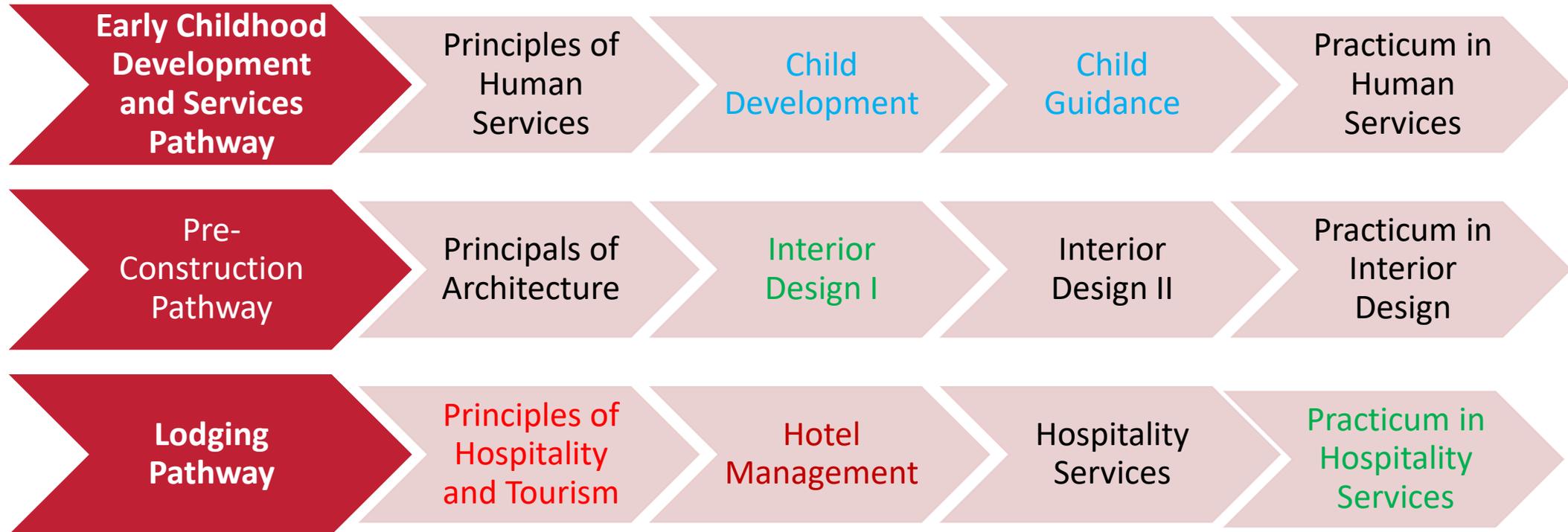
Health Informatics Pathway

Support Services Pathway

Biotechnology Research & Development Pathway



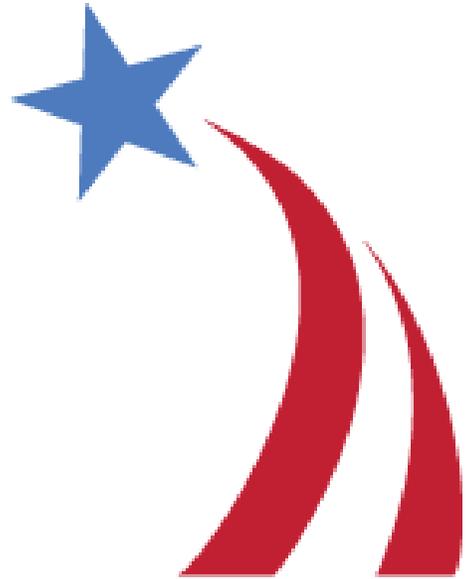
Examples of Coherent Course Sequences Based on Pathways





Foundation High School Program **Coherent Sequence of Courses**

- A school district may define advanced courses and determine a coherent sequence of courses for an endorsement area, provided that prerequisites in Chapters 110-118, 126, 127, and 130 are followed. (TAC §74.13(d))
- a coherent sequence of courses for four or more credits in CTE that consists of at least two courses in the same career cluster and at least one advanced CTE course. (TAC §74.13(f))
- The final course in the sequence must be selected from specific subchapters (clusters)



TEKS Professional Development

www.Texasgateway.org



CTE TEKS Implementation 2017-2018 Online Professional Development Modules



General Overview

Administrator and Counselor Overview

16 Career Clusters

Career Development



Gateway Courses

<https://www.texascourses.org>

The screenshot shows a webpage with a red header containing a white star with an eye and the letter 'i' inside, and the text "TEKS Implementation Overview". Below the header is the "TEXAS CTE" logo with the tagline "Your journey starts here." The main content area is white and contains the text "CTE130_1TEKS", "TEKS Implementation Overview", and "TexasGateway STARTS: JUL 28, 2017".



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Questions?

TEXAS  **CTE**