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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 Master Course List
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

<table>
<thead>
<tr>
<th>2010</th>
<th>Credits</th>
<th>2017</th>
<th>Credits</th>
<th>Codes</th>
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<tr>
<td>Principles of Human Services</td>
<td>.5 - 1</td>
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<td>Dollars and Sense</td>
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<td>.5</td>
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<td>Lifetime Nutrition and Wellness</td>
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<td>Child Development</td>
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<tr>
<td>Child Guidance</td>
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<td>Family and Community Services</td>
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<tr>
<td>Practicum in Human Services</td>
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<td></td>
<td></td>
<td>Extended Practicum in Human Services</td>
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<tr>
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<td>Principles of Cosmetology Design and Color Theory</td>
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<tr>
<td>Introduction to Cosmetology</td>
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<td>Cosmetology II</td>
<td>2 - 3</td>
<td>Cosmetology II</td>
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</table>

*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

<table>
<thead>
<tr>
<th>2016-2017 Name</th>
<th>2017-2018 Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exploring Careers</td>
<td>College and Career Readiness</td>
</tr>
<tr>
<td>Career Portals</td>
<td>Investigating Careers</td>
</tr>
<tr>
<td>Problems and Solutions</td>
<td>Project-Based Research</td>
</tr>
<tr>
<td>Instructional Practices in Education and Training</td>
<td>Instructional Practices</td>
</tr>
</tbody>
</table>

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
"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

**Early Childhood Development and Services Pathway**
- Principles of Human Services
- Child Development
- Child Guidance
- Practicum in Human Services

**Pre-Construction Pathway**
- Principals of Architecture
- Interior Design I
- Interior Design II
- Practicum in Interior Design

**Lodging Pathway**
- Principles of Hospitality and Tourism
- Hotel Management
- Hospitality Services
- Practicum in Hospitality Services
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
Career and Technical Education Team

John Ellis  
Statewide CTE Coordinator

Dale Fowler  
Statewide CTE Coordinator

Diane Salazar  
Director of CTE

Steve Smith  
CTE Project Manager

Ron Whitson  
Statewide CTE Coordinator