This lesson will provide you with a brief overview of this course.
A journey of a thousand miles must begin with a single step.
-Lao Tzu
Has anyone ever heard of Career and Technical Education?
Have students brainstorm: What do you think it is?
Allow a student to read the definitions for Career and Technical Education. Provide students with an index card and have them write a definition for CTE in their own words. Share responses.

If you choose to further explore the topic of Career and Technical Education, please see About CTE Presentation [http://cte.unt.edu/home/about.html](http://cte.unt.edu/home/about.html)
Career and Technical Education (CTE)

Internships, practicum courses, career preparation courses, dual enrollment programs, and apprenticeships are a few venues that deliver career and technical education by providing meaningful opportunities for learners to apply their academic and technical skills.

Allow student a few moments to read the information on the slide and on the back of their index card write down all unfamiliar terms. Lead a brief class discussion on the contents of the slide. Define and provide examples of all unfamiliar terms. Inform students of CTE venues available in your district, your campus and your program.
Career and Technical Education

Historical Side Notes:
In the past, Career and Technical Education (CTE) was organized by program areas, but is now organized by career clusters.

Example:
Family and Consumer Sciences (program area) courses are now located in five career clusters:

• Arts, AV Technology and Communication (Fashion Design courses)
• Architecture and Construction (Interior Design courses)
• Education and Training
• Hospitality and Tourism
• Human Services

Arts, AV Technology and Communication and Architecture (Fashion Design courses) and Construction (Interior Design courses) cluster information can be found at [http://cte.unt.edu](http://cte.unt.edu)
Career and Technical Education (CTE)

- You are currently enrolled in the course Practicum in Education and Training
- Practicum in Education and Training is a CTE course
- You are a CTE student
- I am a CTE instructor
Provide a copy of this slide to the students.

The 16 clusters identified by the U.S. Department of Education, classify workforce preparation programs that are obtained through career and technical education.

What cluster do you think Cosmetology falls under? Have students read the descriptors for each cluster.
Practicum in Education and Training is in the Education and Training Cluster.

If time permits, allow students to discuss other CTE courses available at your campus and determine their career clusters.
Practicum in Education and Training is in the Education and Training Cluster.
TEA Recommended Coherent Sequence of Courses
Sequence of courses available in our district/campus

Review the sequence available for your course.

If time permits, allow students to determine the sequences available for other CTE courses on their campus/district.
Yes, Practicum in Education and Training is in the Education and Training Cluster. There are three Programs of Study:

- Administration and Administrative Support
- Professional Support Services
- Teaching and Training
Practicum in Education and Training

**Career and Technical Education (CTE)**

**Course Title**

**Programs of Study**
- Administration and Administrative Support
- Professional Support Services
- Teaching and Training

**Description**
Planning, managing and providing education and training services, and related learning support services

The Cluster icon above is used with permission of the State’s Career Clusters Initiative, 2007. For more information visit www.careerclusters.org

Labeled categories.
Sample Career Specialties / Occupations

- Elementary and Secondary Superintendents, Principals, Administrators
- Supervisors and Instructional Coordinators
- Education Researchers, Test Measurement Specialists/Assessment Specialists
- College Presidents, Deans, Department Chairs, Program Coordinators
- Post-secondary Administrators
- Services Developers
- Education and Training Technician Labor Relations Managers

- Supervisors and Instructional Coordinators
- Education Researchers, Test Measurement Specialists/Assessment Specialists
- College Presidents, Deans, Department Chairs, Program Coordinators
- Post-secondary Administrators
- Services Developers
- Education and Training Technician Labor Relations Managers

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- Education Researchers, Test Measurement Specialists/Assessment Specialists
- College Presidents, Deans, Department Chairs, Program Coordinators
- Post-secondary Administrators
- Services Developers
- Education and Training Technician Labor Relations Managers

Review the contents of this chart with the students, helping them make a connection between the cluster, selected program of study and possible career/occupations available to them.

This chart and frames for all career clusters can be found at: http://www.careertech.org/career-clusters/resources/career-frames.html
Click on logo to link to AchieveTexas Education and Training component.
Possible Programs of Study
### Curricular Experiences:

This plan of study serves as a guide, along with other career planning materials, for pursuing a career path and is based on the most recent information as of 2009. All plans meet high school graduation requirements as well as college entrance requirements.

### Extracurricular Experiences:

Students may select other elective courses for personal enrichment purposes. Students should take Advanced Placement (AP), International Baccalaureate (IB), dual credit, Advanced Technical Credit (ATC), or O*NET Code (25 2023/25 2032); Secondary School (25 2041/25 2043); Coach (27 2022); or specific professional associations (20 20). Students should take Advanced Placement (AP), International Baccalaureate (IB), dual credit, Advanced Technical Credit (ATC), or O*NET Code (25 2023/25 2032); Secondary School (25 2041/25 2043); Coach (27 2022); or specific professional associations (20 20).

### Career Goal

Teaching/Training

### COMPONENTS OF SUCCESSFUL CAREER PLANNING

- **Instructional Practice in Education and Training or Languages other than English III**
- **Practicum in Education and Training or Problems and Solutions or Languages other than English IV**
- **Teacher Assistant/Aide**
- **Teacher**
- **Principles of Education and Training**
- **Education**
- **Bilingual Education**
- **Multidisciplinary Studies:**
  - EC4; 4
  - EC12

### COLLEGE CREDIT OPPORTUNITIES

- **Educational Aide I**
- **Educational Aide II**
- **Library Aide**
- **Preschool Aide/Work**
- **Community Youth Services**
- **Community, Career, and Technical Services: OSHA CareerSafe**
- **Texas Classroom Teachers Association**
- **Texas Association of Future Educators**
- **Family, Career and Community Leaders of America**
- **-aligned courses (Tech Prep), if possible.**

### Optional Experiences:

- **Summer:** Ready, Set, Read!
- **Summer:** Peer Tutoring / Peer Mentoring
- **Summer:** Camp Counselor
- **Service Learning Experiences:**
  - Before/After School Program Supv.
  - Before/After School Aide
  - Before/After School, Recreational
  - Before/After School, Job Shadowing
  - Before/After School, Internship
  - Before/After School, Career Preparation
  - Before/After School, Student Government
  - Before/After School, Speech & Debate Team
  - Before/After School, School Newspaper
  - Before/After School, Language Immersion Programs
  - Before/After School, Yearbook
  - Before/After School, UIL Academic Competitions

### Professional Associations:

- **American Psychological Association**
- **American Psychological Society**
- **American Society for Training and Development**
- **Association of Texas Professional Educators**
- **Phi Delta Kappa International**

### Student Name:

__________________________

__________________________

__________________________

__________________________

__________________________

__________________________
Sample Career Options

- Adult Educator
- Coach
- Cooperative Extension Agent
- Elementary Teacher
- Secondary Teacher
- Special Education Teacher
PROFESSIONAL SUPPORT SERVICES
### Professional Support Services

#### Course Work
<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Literature</td>
<td>3</td>
</tr>
<tr>
<td>World History</td>
<td>3</td>
</tr>
<tr>
<td>Legal Studies</td>
<td>3</td>
</tr>
<tr>
<td>Educational Technology Administration</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Outreach
- School Counseling
- Community Engagement
- Professional Standards
- Educational Leadership

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Introductory Lesson
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Provide students with a brief definition and explanation of the Texas Essential Knowledge and Skills (TEKS).
TEKS - the state standards for what students should know and be able to do.
(3) The student identifies the importance of a well-written business plan. The student is expected to:

- (A) categorize a business plan and the need for a well-orchestrated business plan;
- (B) research business plan outlines, resources, and templates using web search engines;
- (C) explain a marketing plan, including price competition, non-price competition, market analysis, competition, marketing research, market segmentation, demographics, and sales forecasting;

Differentiate between the Knowledge and Skills Statement and the Student Expectations.
TEXAS ESSENTIAL KNOWLEDGE AND SKILLS (TEKS)
Practicum in Education and Training

(1) The student explores the teaching and training profession. The student is expected to:
(A) assess personal characteristics needed to work in the teaching and training profession;
(B) compare schools based on qualities of effectiveness;
(C) formulate a personal philosophy of education; and
(D) create a personal career plan in preparation for a career in the field of education or training.

Provide students with a copy of the course TEKS. Inform students that they will be referring to this document throughout the school year. Stress that all TEKS listed will be addressed. Provide students with activities that correspond to the TEKS.
TEXAS ESSENTIAL KNOWLEDGE AND SKILLS (TEKS)
Practicum in Education and Training

(2) The student understands the learner and learning process. The student is expected to:
(A) apply principles and theories of human development appropriate to specific teaching or training situations;
(B) apply principles and theories about the learning process to specific teaching or training situations;
(C) analyze personal behaviors and skills that facilitate the learning process; and
(D) suggest effective instructional practices to accommodate learning differences, learner exceptionality, and special-needs conditions.

Provide students with activities that correspond to the TEKS.
TEXAS ESSENTIAL KNOWLEDGE AND SKILLS (TEKS)
Practicum in Education and Training

(3) The student communicates effectively. The student is expected to:
(A) assess the effectiveness of personal verbal, non-verbal, written, and electronic communication skills;
(B) communicate effectively in situations with educators and parents or guardians;
(C) evaluate the role of classroom communications in promoting student literacy and learning; and
(D) integrate effective communication skills in teaching or training.

Provide students with activities that correspond to the TEKS.
(4) The student plans and uses effective instruction. The student is expected to:

(A) apply principles and theories that impact instructional planning;
(B) develop instructional materials that align with the Texas Essential Knowledge and Skills (TEKS);
(C) assess personal planning to meet instructional goals;
(D) analyze concepts for developing effective instructional strategies;
(E) analyze instructional strategies for effectiveness; and
(F) explain how learner feedback has been used to guide selection and adjustment of instructional strategies.

Provide students with activities that correspond to the TEKS.
TEXAS ESSENTIAL KNOWLEDGE AND SKILLS (TEKS)  
Practicum in Education and Training

(5) The student creates and maintains an effective learning environment. The student is expected to:
(A) create and maintain safe and effective learning environments;
(B) integrate teacher or trainer characteristics that promote an effective learning environment;
(C) apply classroom management techniques that promote an effective learning environment; and
(D) demonstrate specific conflict management and mediation techniques supportive of an effective learning environment.

Provide students with activities that correspond to the TEKS.
(6) The student assesses instruction and learning. The student is expected to:
(A) develop and apply assessments to foster student learning; and
(B) use assessment strategies to promote personal growth and teaching or training improvement.

Provide students with activities that correspond to the TEKS.
(7) The student understands the relationship between school and society. The student is expected to:
(A) support learning through advocacy;
(B) select school and community resources for professional growth; and
(C) design activities to build support of family members, community members, and business and industry to promote learning.

Provide students with activities that correspond to the TEKS.
(8) The student develops technology skills. The student is expected to:
(A) recommend technology applications appropriate for specific subject matter and student needs; and
(B) integrate the skillful use of technology as a tool for instruction, evaluation, and management.

Provide students with activities that correspond to the TEKS.
(9) The student continues development as a teaching or training professional. The student is expected to:
(A) identify strategies and resources for the professional development of educators or trainers;
(B) demonstrate teacher or trainer characteristics that promote ongoing professional development;
(C) use research and assessment to improve teaching or training; and
(D) develop a professional growth plan.

Provide students with activities that correspond to the TEKS.
TEXAS ESSENTIAL KNOWLEDGE AND SKILLS (TEKS)  
Practicum in Education and Training

(10) The student participates in field-based experiences in education or training. The student is expected to:
(A) apply instructional strategies and concepts within a local educational or training facility; and
(B) document, assess, and reflect on instructional experiences.

Provide students with activities that correspond to the TEKS.
(11) The student documents technical knowledge and skills. The student is expected to:

(A) update a professional portfolio to include:

(i) attainment of technical skill competencies;

(ii) licensures or certifications;

(iii) recognitions, awards, and scholarships;

(iv) extended learning experiences such as community service and active participation in career and technical student organizations and professional organizations;

(v) abstract of key points of the practicum;

(vi) resume;

(vii) samples of work; and

(viii) evaluation from the practicum supervisor; and

(B) present the portfolio to all interested stakeholders such as in a slide or poster presentation.

Provide students with activities that correspond to the TEKS.
End of Course Project Options – Practicum in Education and Training instructional lesson can be found on the SIRDC website. Title on slide is hyperlinked to slide presentation for said lesson.
Next Lesson

Overview of Practicum in Education and Training course topics.
Any questions, comments or concerns?
Instruct students to create their interpretation of the information on this slide. It may be used as the coversheet for their class binder, folder or journal. Students may draw or use a computer to complete the task. See Independent Practice.

Criteria used for assessment of project:
- Must include all five components
- Creativity
- Neatness
- Spelling and grammar
Resources and References

* AchieveTexas
  Education initiative designed to prepare students for a lifetime of success.
  http://www.achievetexas.org

* Learning that Works for America sponsored by The National Association of State Directors of Career Technical Education Consortium (NASDCTEc). Aims to support an innovative CTE system that prepares individuals to succeed in education and their careers.
  http://www.careertech.org/career-clusters/glance/at-a-glance.html

* Texas Education Agency
  Texas Essential Knowledge and Skills. The mission of the Texas Education Agency is to provide leadership, guidance and resources to help schools meet the educational needs of all students.
  http://ritter.tea.state.tx.us/rules/tac/chapter130/index.html