Career and Technical Education
Educator Certification
With your group please discuss the following questions:

- What certification areas do you struggle to fill in your school district?
- Do you know what the certification requirements are for those areas if a teacher calls to inquire about a job posting?
Continue to help spread the word...

There is no single teaching certificate called “Career and Technical Education.”
Career and Technical Education (CTE)

Ag
TIE
Marketing
Technology
Business
Health Science
FCS

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If you have a question about who can teach what, look in “Chapter 231”

- Assignment of Public School Personnel, Part 1 found in 19 TAC §231.1(e).
- Or Chapter 231; Subchapter E, Grades 9-12 Assignments
General CTE Certification Info

How do I get a teacher “CTE Certified?”

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CTE Certificates
No Prior Experience Required

- Agriculture, Food and Natural Resources 6-12
- Business and Finance 6-12
- Family and Consumer Sciences
  - Composite 6-12
  - Human Development and Family Studies 8-12
  - Hospitality, Nutrition and Food Science 8-12
- Technology Education 6-12
Initial CTE Certification
No Prior Experience Required

• For areas that require no prior work experience, a teacher must meet the following criteria to receive a standard certification.
  • Bachelor’s degree
  • Pass the Pre Assessment Content Test (PACT)
  • Complete an approved educator preparation program
  • Pass the TExES PPR EC-12 #160
Certification by Exam
No Prior Experience Required

- If a teacher holds a standard teaching certificate and wants to add a CTE certification that does not require prior experience they can add the certification by challenging the exam.

- Information about adding a certification can be found here: http://goo.gl/dmZxRV
CTE Certificates that require skill and experience in an occupation:

- Health Science: 6-12
- Marketing: 6-12
- Trade and Industrial Education: 6-12
Certificates That Require Work Experience:

Must complete a Statement of Qualifications (SOQ) form to document:

- Marketing (2 years)
- Health Science (2 years)
- Trade and Industrial Education (2-5 years within the past 10 years)
- The SOQ form can be found on the TEA website under Career and Technical Education Information
Two Year Pay Step For Prior Work Experience

RULE §153.1021 Texas Administrative Code (TAC):

- (i) Credit for career and technology teachers. In accordance with TEC, §21.403, effective with the 1982-1983 school year, certified career and technology education teachers employed for at least 50% of the time in an approved career and technology position may count up to two years of work experience for salary increment purposes if the work experience was required for career and technology certification.
Two Year Pay Step For Prior Work Experience

Subtitle D § 21.403 Texas Education Code (TEC):

• (b) For each year of work experience required for certification in a career or technological field, up to a maximum of two years, a certified career or technology education teacher is entitled to salary step credit as if the work experience were teaching experience.
Marketing: 6-12
Initial Certification

- Bachelor’s degree from an accredited university
- Two years of full-time wage-earning experience in a marketing occupation
- Pass the Marketing 6-12 #275
- Completion of an approved EPP
- Pass the TExES for PPR EC-12 #160
Health Science 6-12
Initial Certification

- Bachelor’s or Associate’s degree from an accredited university
- Current license, certification, or registration by a nationally recognized accrediting agency as a health professions practitioner.
- Two years of wage-earning experience in a healthcare profession utilizing the license listed above
- Pass the Health Science 6-12 #273
- Completion of an approved EPP
- Pass the TExES for PPR EC-12 #160
With your group please discuss the following question:

- What are some ways that you are recruiting and retaining Health Science teachers?
Trade and Industrial Education (TIE) 6-12 Initial Certification

- **Outside Work Experience**
  - **No degree:**
    - 5 years of work experience within the last 10 years in an appropriate occupation.
  - **Associate or Bachelor’s Degree:**
    - 2 years of work experience within the last 10 years in an appropriate occupation.
Trade and Industrial Education (TIE) 6-12
Initial Certification

- Industry License (Ex: electrician, TCLEOSE, plumber, ASE, Final Cut Pro, etc.)
  - National Occupational Competency Testing Institute (NOCTI) test if no industry license is available
  - Cosmetology teachers must have a Cosmetology Instructor certificate
- Complete an approved educator preparation program
- Pass the TExES for TIE PPR #270

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Certification by Exam Marketing

- If a teacher holds any Standard certificate and has 2 years of Marketing work experience, he/she can add the Marketing certificate by:
  - completing an SOQ and have a school district or EPP review it
  - have the district or EPP grant test approval for the Marketing 6-12 (275) test.
Certification by Exam Health Science

- If a teacher holds any standard certificate, has 2 years of Health Science work experience, and a current nationally recognized license or certification, he/she can add the Health Science certificate by:
  - completing an SOQ and have a school district or EPP review it.
  - submit a copy of their license or certification.
  - have the district or EPP grant test approval for the Health Science 6-12 (273) test.
Certification by Exam
Trades and Industrial
Education (TIE)

- If a teacher holds any standard certificate, has 2 years of verified work experience in the past 10 years, and a current nationally recognized license or certification in that work area, he/she can add the Trades and Industrial Education certificate by:
  - completing an SOQ and have a school district or EPP review it.
  - submit a copy of their license or certification.
  - have the district or EPP grant test approval for the PPR for TIE 6-12 (270).
SECTION 12:

• “A school district board of trustees may issue a school district teaching permit to a person who will teach courses in career and technical education based on qualifications certified by the superintendent of the school district. (does not apply to non core academic CTE courses)”

• More information can be found here: http://goo.gl/ivHeGy
School District Permits Continued

Individuals teaching under a school district teaching permit for non core academic CTE courses must obtain at least 20 hours of classroom management training.
Specific CTE Certification Topics
CTE and Core Academic Credit

- **Science:** Advanced Animal Science; Biotechnology I and II; Advanced Plant and Soil Science; Anatomy and Physiology; Engineering Design and Problem Solving; Food Science; Forensic Science; Medical Microbiology; Pathophysiology; Principles of Technology; Scientific Research and Design; Engineering Science
CTE and Core Academic Credit

- **Mathematics:** Mathematical Application in Agriculture Food, and Natural Resources; Accounting II; Statistics and Business Decision Making; Financial Mathematics; Mathematics for Medical Professionals; Manufacturing Engineering Technology II; Engineering Mathematics; Robotics II; Digital Electronics;
  
- **English:** Business English

- **Fine Arts:** Floral Design
CTE and Core Academic Credit

• These courses **can NOT** be offered simply as an elective!
• Teachers who are not certified in CTE and wish to teach one of the CTE courses for mathematics, science, fine arts, or english credit must complete the CTE 101 course.
In addition...

Required Teacher Training

<table>
<thead>
<tr>
<th>CTE Course</th>
<th>Meets requirement for:</th>
</tr>
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<tbody>
<tr>
<td>Advanced Animal Science</td>
<td>Science</td>
</tr>
<tr>
<td>Advanced Biotechnology</td>
<td>Science</td>
</tr>
<tr>
<td>Advanced Plant and Soil Science</td>
<td>Science</td>
</tr>
<tr>
<td>Engineering Design &amp; Problem Solving</td>
<td>Science</td>
</tr>
<tr>
<td>Engineering Mathematics</td>
<td>Math</td>
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<tr>
<td>Food Science</td>
<td>Science</td>
</tr>
<tr>
<td>Forensic Science</td>
<td>Science</td>
</tr>
<tr>
<td>Mathematical Applications in AFNR</td>
<td>Math</td>
</tr>
<tr>
<td>Statistics and Risk Management*</td>
<td>Math</td>
</tr>
</tbody>
</table>

*This will meet the requirement for Statistics and Business Decision Making

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# Required Teacher Training

<table>
<thead>
<tr>
<th>ASSIGNMENTS</th>
<th>CERTIFICATES</th>
</tr>
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<tbody>
<tr>
<td>Advanced Animal Science²</td>
<td>Agriculture, Food, and Natural Resources: Grades 6-12</td>
</tr>
<tr>
<td>Advanced Plant and Soil Science²</td>
<td>Agricultural Science and Technology: Grades 6-12</td>
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<tr>
<td></td>
<td>Any vocational agriculture certificate</td>
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<tr>
<td></td>
<td>Life Science:</td>
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<td></td>
<td>Grades 7-12</td>
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<td>Grades 8-12</td>
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<td>Master Science Teacher: Grades 8-12</td>
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<tr>
<td></td>
<td>Science:</td>
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<td>Grades 7-12</td>
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<td></td>
<td>Grades 8-12</td>
</tr>
<tr>
<td></td>
<td>Secondary Biology: Grades 6-12</td>
</tr>
<tr>
<td></td>
<td>Secondary Science, Composite: Grades 6-12</td>
</tr>
</tbody>
</table>

²All teachers assigned to this course shall participate in Texas Education Agency (TEA)-approved training prior to teaching this course effective with the 2013-2014 school year.
Required Teacher Training

“All teachers assigned to these courses shall participate in Texas Education Agency (TEA)-approved training prior to teaching this course effective with the 2013-2014 school year.”
Texas Gateway

https://www.texasgateway.org/
Career Prep/Practicum

For all Career Preparation and Practicum courses:

“The school district is responsible for ensuring that each teacher assigned to this course has completed appropriate training in state and federal requirements regarding work-based learning and safety.”
Work Based Learning Training (WBL)

- Can be completed during a face to face training
  - Contact your local ESC for training dates

- Or complete online using the new TEA Work Based Learning
  - [https://www.texasgateway.org/](https://www.texasgateway.org/)
Certification Changes after September 1, 2017
Tiered Licensure Model

- **Intern Certificate**: issued to candidates who have NOT demonstrated basic knowledge of pedagogy and professional responsibilities on the PPR exam.

- **Probationary Certificate**: issued to candidates who have demonstrated basic knowledge of pedagogy and professional responsibilities by passing the PPR and the appropriate content exam.
Intern Certificate

• This will be the majority of candidates in an educator prep program
• For areas with content tests, the candidates MUST pass the content exam before they are issued a certificate.
• This is valid for one year only. This can't be renewed.
Probationary Certificate

- This will only be for a small group of people.
- These candidates must have passed the appropriate content exam and PPR exam.
- This is valid for one year with the ability to renew for one additional year.
Questions?