



# **GUIDANCE ON CAREER AND TECHNICAL EDUCATION TEACHER CERTIFICATION**

Approved by the State Board of Education on February 26, 2018

## Introduction

The State Board of Education has adopted rules regarding the certification of individuals as career and technical education teachers. The relevant provisions can be found in R7-2-612 and R7-2-612.01 Career and Technical Education Teaching Certificates. Rules are posted on the State Board of Education website at <https://azsbe.az.gov/rules>

## Pathways to CTE Teacher Certification

Under current Board rules, numerous pathways are recognized for CTE teacher certification as highlighted below:

<b>Standard Career and Technical Education (CTE) Certificates</b>			
<b>R7-2-612</b>			
A valid fingerprint clearance card issued by the Arizona Department of Public Safety.			
AND			
<b>Option A</b>	<b>Option B</b>	<b>Option C</b>	<b>Option D</b>
(1) A bachelor's or more advanced degree in the specified CTE field of study from an accredited institution. (2) Thirty semester hours of courses in the specified CTE field of study. (3) Two hundred forty clock hours of verified work experience in the specified CTE occupational area. Hours may have been accumulated before obtaining a certification.	(1) A valid Arizona provisional or standard teaching certificate for teachers in Birth through grade 12 (2) One year of the most recent teacher evaluation(s) exhibiting satisfactory performance in the classroom. (3) Three semester hours of courses in professional knowledge in career and technical education (4) Two hundred forty clock hours of verified work experience in the specified CTE occupational area. Hours may have been accumulated before obtaining a certification.	(1) Six thousand clock hours of verified work experience in an occupational area.	(1) A bachelor's or more advanced degree that included completion of a Board approved teacher preparation program in the CTE field of study or from an accredited institution offering substantially similar training (2) Two hundred forty clock hours of verified work experience in the specified occupational area.
<b>ADDITIONAL REQUIREMENTS – AT TIME OF CERTIFICATION OR WITHIN THREE YEARS*</b>			
1) Within three years, complete fifteen semester hours of courses in professional knowledge in career and technical education 2) Within three years, obtain a passing score on the professional knowledge portion of the Arizona Teacher	1) Within three years, complete nine semester hours of subject knowledge courses in the CTE field of study 2) Within three years, obtain a passing score on the professional knowledge portion of the Arizona Teacher Proficiency Assessment for secondary teachers or	1) Within three years, complete fifteen semester hours of courses in professional knowledge in career and technical education 2) Within three years, obtain a passing score on the professional knowledge portion of the Arizona Teacher	1) Within three years, obtain a passing score on the professional knowledge portion of the Arizona Teacher Proficiency Assessment for secondary teachers or qualification for a

Proficiency Assessment for secondary teachers or qualification for a waiver of this assessment 3) U.S. and Arizona Constitution requirements	qualification for a waiver of this assessment 3) U.S. and Arizona Constitution requirements	Proficiency Assessment for secondary teachers or qualification for a waiver of this assessment 3) U.S. and Arizona Constitution requirements	waiver of this assessment 2) U.S. and Arizona Constitution requirements
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**Standard Specialized Career and Technical Education (CTE) Certificates**  
**R7-2-612.01**

A valid fingerprint clearance card issued by the Arizona Department of Public Safety.

AND

Verification of five years of work experience in the specified CTE occupational area

AND

Demonstration of expertise in the specified CTE area through one of the following FIVE options:

<b>Option One</b>	<b>Option Two</b>	<b>Option Three</b>	<b>Option Four</b>	<b>Option Five</b>
A Bachelor's master's or doctoral degree in the specified CTE area	A Bachelor's or more advanced degree and completion of twenty-four semester hours of coursework in the specified CTE area;	An Associate's degree in the specified CTE area	An industry certification, license, or credential in the specified CTE area approved by the appropriate Department of Education	Verified teaching experience for the last two consecutive years, and for a total of at least three years at one or more accredited postsecondary institutions in a subject that is specific to the CTE course being taught

**\*Professional Knowledge Coursework Requirements**

Regarding additional professional knowledge coursework requirements, hours may be obtained prior to issuance of the standard career and technical education certificate in the specified CTE field of study. Fifteen clock hours equals one semester hour. Hours may also be obtained through Department or Board-CTE approved professional development. Courses in career and technical education professional knowledge include any of the following areas: principles/philosophy of career and technical education, developmentally appropriate instructional delivery, facilitation and methodologies, instructional technology, instructional design and lesson planning, including modifications and accommodations, assessing, monitoring and reporting progress, the learning environment, including classroom management, teaching students with exceptionalities, or professional responsibility and ethical conduct.

**Definitions**

For purposes of this document, the following definitions apply:

1. "Agriculture" means agriculture, agriculture operations, and related sciences; natural resources and conservation; environmental design; landscape architecture; agricultural biological engineering; forest engineering, biological and biomedical sciences; parks, recreation and leisure facilities management; geological and earth sciences/geosciences; veterinary/animal health technician/veterinary assistant; environmental health; and veterinary medicine as described in Classification of Instructional Programs: 2000 Edition: (NCES 2002-165), U.S. Department of Education, National Center for Education Statistics, 1990 K Street, NW, Washington, DC 20006: U.S. Government Printing Office, April 2002, CIP Code 01, which is incorporated by reference and on file with the Arizona Department of Education and the Office of the Secretary of State. This incorporation by reference contains no future editions or amendments. Copies of the incorporated materials are available for review at the Arizona Department of Education located at 1535 W. Jefferson Street, Phoenix, AZ 85007 or may be ordered from the U.S. Department of Education, ED Pubs, P.O. Box 1398, Jessup, MD 20794-1398.
2. "Business and Marketing" means computer and information sciences and support services; accounting and computer information services; business/commerce, general; business administration, management and operations; accounting; business operations support and assistant services; business/corporate communications; business/managerial economics; entrepreneurial and small business operations; finance and financial management services; hospitality administration/management; human resources management and services; international business; management information systems and services; management sciences and quantitative methods; marketing; real estate; taxation; insurance; general sales, merchandising and related marketing operations; specialized sales, merchandising and marketing operations; and business, management, marketing and related support services, other as described in Classification of Instructional Programs: 2000 Edition: (NCES 2002-165), U.S. Department of Education, National Center for Education Statistics, 1990 K Street, NW, Washington, DC 20006: U.S. Government Printing Office, April 2002, CIP Code 52, which is incorporated by reference and on file with the Arizona Department of Education and the Office of the Secretary of State. This incorporation by reference contains no future editions or amendments. Copies of the incorporated materials are available for review at the Arizona Department of Education, located at 1535 W. Jefferson Street, Phoenix, AZ 85007 or may be ordered from the U.S. Department of Education, ED Pubs, P.O. Box 1398, Jessup, MD 20794-1398.
3. "Career and Technical Education Field of Study" or "CTE Field of Study" means a field of study in any of the areas identified in subsections B(1), B(2), B(4), B(5), B(6) and B(7) relating to Agriculture, Business and Marketing, Family and Consumer Sciences, Health Careers, Industrial and Emerging Technologies or Education and Training.

4. "Education and Training" means all occupational areas of secondary education and teaching; junior high/intermediate/middle school education and teaching; elementary education and teaching; kindergarten/preschool education and teaching; early childhood education and teaching; adult education and teaching; and special education as described in Classification of Instructional Programs: 2000 Edition: (NCES 2002-165) U.S. Department of Education, National Center for Education Statistics, 1990 K Street, NW, Washington, DC 20006: U.S. Government Printing Office, April 2002, CIP Code 13, which is incorporated by reference and on file with the Arizona Department of Education and the Office of the Secretary of State. This incorporation by reference contains no future editions or amendments. Copies of the incorporated materials are available for review at the Arizona Department of Education located at 1535 W. Jefferson Street, Phoenix, AZ 85007 or may be ordered from the U.S. Department of Education, ED Pubs, P.O. Box 1398, Jessup, MD 20794-1398.
5. "Family and Consumer Sciences" means culinary arts; kindergarten/preschool education and teaching; early childhood education and teaching; family and consumer sciences/human sciences; nutrition sciences; interior design; hospitality administration/management; fashion merchandising; fashion modeling; apparel and accessories marketing operations; tourism and travel services marketing operations; tourism promotion operations; and hospitality and recreation marketing operations as described in Classification of Instructional Programs: 2000 Edition: (NCES 2002-165) U.S. Department of Education, National Center for Education Statistics, 1990 K Street, NW, Washington, DC 20006: U.S. Government Printing Office, April 2002, CIP Code 19, which is incorporated by reference and on file with the Arizona Department of Education and the Office of the Secretary of State. This incorporation by reference contains no future editions or amendments. Copies of the incorporated materials are available for review at the Arizona Department of Education, located at 1535 W. Jefferson Street, Phoenix, AZ 85007 or may be ordered from the U.S. Department of Education, ED Pubs, P.O. Box 1398, Jessup, MD 20794-1398.
6. "Health Careers" means exercise physiology; kinesiology and exercise science; medical/clinical assistant; clinical/medical laboratory assistant; pharmacy technician/assistant; medical radiologic technology/science-radiation therapist; radiologic technology/science-radiographer; physician assistant; athletic training/trainer; clinical/medical laboratory technician; clinical laboratory science/medical technology/technologist; phlebotomy/phlebotomist; medicine; nursing/registered nurse; osteopathic medicine/osteopathy; pharmacy; physical therapy/therapist; and kinesiotherapy/kinesiotherapist as described in Classification of Instructional Programs: 2000 Edition: (NCES 2002-165) U.S. Department of Education, National Center for Education Statistics, 1990 K Street, NW, Washington, DC 20006: U.S. Government Printing Office, April 2002, CIP Code 51, which is incorporated by reference and on file with the Arizona Department of Education and the Office of the Secretary of State. This incorporation by reference contains no future editions or amendments. Copies of

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7. "Industrial and Emerging Technologies" means audiovisual communications technologies/technicians; graphic communications; cosmetology and personal grooming services; electrical engineering technologies/technicians; electromechanical instrumentation and maintenance technologies/technicians; environmental control technologies/technicians; industrial production technologies/technicians; quality control and safety technologies/technicians; mechanical engineering related technologies/technicians; mining and petroleum technologies/technicians; construction engineering technologies; engineering-related technologies; computer engineering technologies/technicians; drafting/design engineering technologies/technicians; security and protective services; mason/masonry; carpenters; electrical and power transmission installers; building/construction finishing, management and inspection; electrical/electronics maintenance and repair technology; heating, air conditioning, ventilation and refrigeration maintenance technology/technician; heavy/industrial equipment maintenance technologies; precision systems maintenance and repair technologies; vehicle maintenance and repair technologies; precision metal working; construction/heavy equipment/earthmoving equipment operation; design and visual communications, general; commercial and advertising art; industrial design; commercial photography; and visual performing arts as described in Classification of Instructional Programs: 2000 Edition: (NCES 2002-165) U.S. Department of Education, National Center for Education Statistics, 1990 K Street, NW, Washington, DC 20006: U.S. Government Printing Office, April 2002, CIP Codes 10, 12, 15, 41, 43, 46, 47, 48, 49, and 50, which is incorporated by reference and on file with the Arizona Department of Education and the Office of the Secretary of State. This incorporation by reference contains no future editions or amendments. Copies of the incorporated materials are available for review at the Arizona Department of Education located at 1535 W. Jefferson Street, Phoenix, AZ 85007 or may be ordered from the U.S. Department of Education, ED Pubs, P.O. Box 1398, Jessup, MD 20794-1398.
8. "Occupational Area" means employment in any of the areas identified in these definitions relating to Agriculture, Business and Marketing, Education and Training, Family and Consumer Sciences, Health Careers, or Industrial and Emerging Technologies.
9. "Professional Knowledge" means the art of teaching including the knowledge and skills necessary for instructional planning, delivery and evaluation in a career and technical education setting.
10. "Subject Knowledge" means the information, understanding and skills specific to the broad occupational area.

11. "Verified Work Experience" means work experience identified in the submission of a resume verified by a hiring superintendent or personnel director at the public school or the Department of Education which demonstrates knowledge or skill relevant to an approved CTE program occupational area relating to Agriculture, Business and Marketing, Education and Training, Family and Consumer Sciences, Health Careers, or Industrial and Emerging Technologies.

### **Further Information**

For further information on CTE Teacher Certification, please contact the ADE Certification Unit at [certification@azed.gov](mailto:certification@azed.gov) or (602) 542-4367