

Occupational Educator Licensure

Occupational Licensure Overview

In accordance with [Educator Licensure Rule 0520-02-03-.04](#), occupational licensure includes endorsements in occupational content areas that are focused on preparing students in career and technical content areas (*Health Science 6-12, Cosmetology 6-12, Distribution & Logistics 6-12, etc.*). Occupational endorsements can be granted on an Emergency Credential, known as an **Occupational Permit** or, on an **Occupational Teaching License**. There are two levels of occupational licensure, **Practitioner 3-Year** (initial-level) and **Professional 6-Year**.

This Occupational Licensure Guide covers the following information:

1. [Occupational Permits](#)
2. [Occupational Licensure Pathways](#)
3. [Licensure Renewal, Advancement, and Reactivation](#)
4. [Additional Occupational Endorsements](#)
5. [Occupational Endorsement Requirements](#)

Occupational Permits

Individuals recommended for an occupational permit must meet one of the following pathways:

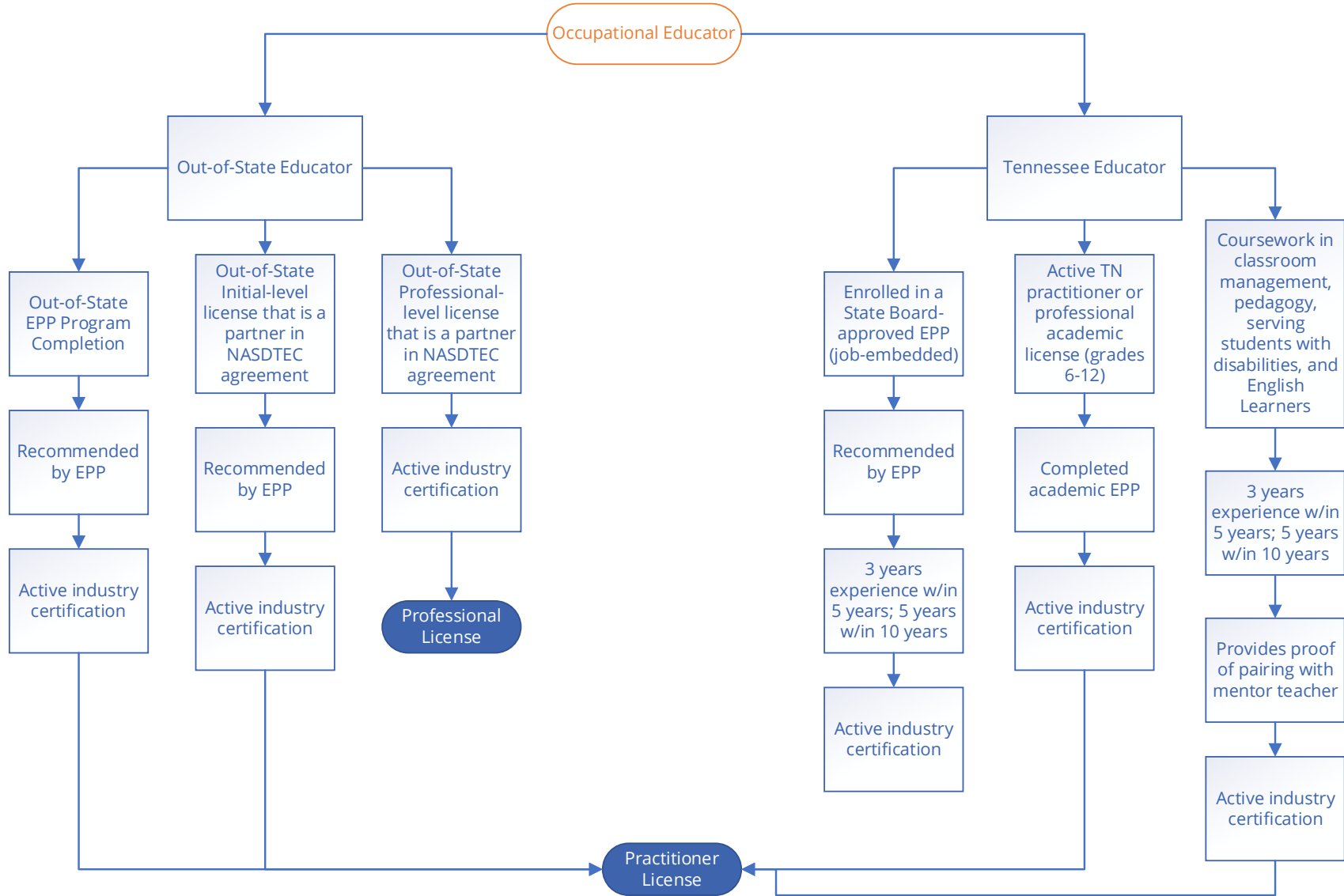
	Permit Pathway 1	Permit Pathway 2	Permit Pathway 3
Minimum Education	High School Diploma		
Additional Requirements	An active industry certification for the area of endorsement, as defined by the department	A <u>minimum</u> of three (3) years of relevant work experience, completed within the last five (5) years (or five (5) within the last ten (10), in the area of endorsement or equivalent educational attainment, as defined by the department	Is an honorably discharged veteran of the armed forces, who has a minimum of three (3) years of relevant work experience (which can be defined as, but is not limited to, military service, training, and experience), completed within the last five (5) years, in the area of endorsement or equivalent educational attainment, as defined by the department

Occupational permits are valid until June 30 following the date of issuance and cannot be renewed. An individual may only be issued **one (1)** occupational permit. Occupational permit applications must be submitted by the requesting district on behalf of the educator with documented evidence of a targeted recruitment strategy.

Please note: some occupational areas may require the instructor of record to hold an active industry certification for students to be able to sit for any certification/exam at the end of the course.

Please contact CTE.Questions@tn.gov for additional information.

Occupational Licensure Pathways



Individuals recommended for an occupational license must meet one of the following pathways:

	In-State			Out-of-State		
	Practitioner			Practitioner	Professional	
	Licensure Pathway 1	Licensure Pathway 2	Licensure Pathway 3	Licensure Pathway 1	Licensure Pathway 2	Licensure Pathway 1
Minimum Education	High School Diploma	Bachelor's Degree	High School Diploma	High School Diploma	High School Diploma	High School Diploma
Licenses Held	N/A	Holds an active Tennessee practitioner academic teacher license or professional academic teacher license with an endorsement covering any of the grades six (6) through twelve (12)	N/A	N/A	Holds a full and valid initial-level license from a state other than Tennessee that is a partner in the NASDTEC interstate agreement	Holds a full and valid professional-level occupational license from a state other than Tennessee that is a partner in the NASDTEC interstate agreement
Education Preparation	Be enrolled in a State Board-approved educator preparation program with a job-embedded clinical practice	Has completed a State Board-approved academic educator preparation program	Has completed coursework in classroom management, pedagogy, serving students with disabilities and English learners, and the teacher code of ethics as set forth in § 49-5-5615, from a state board-approved educator preparation provider	Has completed an educator preparation program approved by a state other than Tennessee	Has completed an educator preparation program approved by a state other than Tennessee	N/A
Recommendation	Be recommended by the approved educator preparation provider	N/A	N/A	Is recommended by the approved educator preparation provider	Is recommended by the approved educator preparation provider	N/A

Experience	Have a minimum of three (3) years of work experience completed within the last five (5) years, five (5) years of relevant work experience, completed within the last ten (10) years, in the area of endorsement or equivalent education attainment as defined by the department, documented in the Occupational Experience and Qualification Form	N/A	Has a minimum of five (5) years of relevant work experience, completed within the last ten (10) years, or three (3) years of relevant work experience, completed within the last five (5) years, in the area of endorsement or equivalent education attainment as defined by the department	N/A	N/A	N/A
Industry Certification	Hold an active industry certification for the area of endorsement as defined by the department*	Holds an active industry certification for the area of endorsement as defined by the department*	Holds an active industry certification for the area of endorsement as defined by the department*	Holds an active industry certification for the area of endorsement as defined by the department*	Holds an active industry certification for the area of endorsement as defined by the department*	Holds an active industry certification for the area of endorsement as defined by the department*
Additional Requirements	Candidates will submit a CTE Request in TNCompass , along with a completed experience form and documentation of industry certification, for review and approval by the department prior to being recommended for licensure by the educator preparation provider where the candidate will be enrolled in an occupational preparation program	N/A	Provides proof of pairing with a highly effective mentor teacher	Candidates will submit an Out-of-State Practitioner Teacher transaction in TNCompass , along with documentation of industry certification for review by the department and qualifying scores on all required assessments as defined in the Professional Assessments for Tennessee Educators Policy	Candidates will submit an Out-of-State Practitioner Teacher transaction in TNCompass , along with a copy of the initial-level out-of-state license and documentation of industry certification for review by the department	Candidates will submit an Out-of-State Professional Occupational Teacher transaction in TNCompass , along with a copy of the professional-level out-of-state license and documentation of industry certification for review by the department

***Note: Most occupational endorsements require an active industry certification. Currently, there are three occupational areas that do NOT require an active industry certification: Broadcasting, Public Health, and Supply Chain Management.**

Occupational Teacher Renewal, Advancement, and Reactivation

Practitioner Renewal

To renew a practitioner occupational license, an educator must:

- a. **Practitioner Occupational 1st issuance:** Complete an approved educator preparation program prior to the end of the validity period of the issuance of the practitioner license.
- b. **Practitioner Occupational:**
 - Earn thirty (30) qualifying professional development points as defined in the Educator Licensure Policy 5.502; **and**
 - Hold an active industry certification for the area of endorsement as defined by the department, if applicable.

If the requirements for practitioner license renewal are not met prior to the end of the validity period of the practitioner license, the license shall become inactive.

Professional Occupational Teacher License Renewal

To renew the professional occupational teacher license educators must meet the following requirements:

- a. Earn sixty (60) [professional development points](#) or two (2) years' experience within the license validity period as indicted by SBE [Educator Licensure Policy 5.502](#); **and**
- b. Provide verification of an active industry certification for the area of endorsement as defined by the department, if applicable.

If the educator has not met the requirements for renewal at the end of the validity period of the professional license, then the license shall become inactive. Inactive licenses must be reactivated.

Advancement

To advance from a practitioner occupational teacher license to a professional occupational teacher license, an educator shall meet one of the following sets of requirements:

1. Option 1:
 - (a) Complete three (3) years of [qualifying experience](#) as an educator as defined by the department;
 - (b) Complete a State Board-approved educator preparation program;
 - (c) Earn thirty (30) [professional development points](#), a minimum of twenty (20) which shall come from new teacher training provided by the department as indicated by SBE [Educator Licensure Policy 5.502](#); and
 - (d) Hold an active industry certification for the area of endorsement as defined by the department, if applicable.
2. Option 2:
 - (a) Holds a full and valid professional-level occupational license from a state other than Tennessee that is a partner in the NASDTEC interstate agreement; **and**
 - (b) Holds an active industry certification for the area of endorsement as defined by the department, if applicable.
3. Option 3:
 - (a) Holds a full and valid professional-level Academic Tennessee license; and
 - (b) Holds an active industry certification for the area of endorsement as defined by the department, if applicable.

Reactivation

An occupational teacher license may be reactivated by meeting the following requirements:

- (a) Hold an active industry certification, as determined by the department, for the area of endorsement, if applicable; or
- (b) If the endorsement area does not require a certification, then have a minimum of five (5) years of relevant work experience, completed within the last ten (10) years, or three (3) years of relevant work experience, completed within the last five (5) years, in the area of endorsement or equivalent education attainment as defined by the department; **and**
- (c) Meeting one (1) of the following requirements:

Practitioner/Apprentice/Other Expired License	Professional Expired License
Professional-Level License from a State Other than Tennessee	60 Professional Development points OR two (2) years' qualifying experience as an educator
National Certification	Professional-Level License from a State Other than Tennessee
Submission of Current Professional Assessment Scores	National Certification
	Submission of Current Professional Assessment Scores

Adding Occupational Endorsements

Teachers who hold an active professional occupational teacher license may add additional occupational endorsements through one (1) of the following pathways:

- 1. Hold an active industry certification, as determined by the department, for the area of endorsement, if applicable; **or**
- 2. If the endorsement area does not require a certification, then have a minimum of five (5) years of relevant work experience, completed within the last ten (10) years, in the area of endorsement or equivalent education attainment as defined by the department.

Educators who hold an academic teaching license and are pursuing occupational licensure must meet the industry certification or work experience requirements of the area of endorsement sought.

Occupational Endorsement Area Requirements: *Educators must meet ONE option from EACH section*

Automotive 6-12 (770)	
Minimum Education	High School Diploma
Experience	<p>a. Three (3) years of relevant work experience, completed within the last five (5) years</p> <p>b. Five (5) years of relevant work experience, completed within the last ten (10) years;</p> <p>c. Two (2) years of relevant work experience, completed within the last ten (10) years and postsecondary technical school certificate in Automotive Technology;</p> <p>d. One (1) year of relevant work experience, completed within the last ten (10) years and an Associate degree in Automotive Technology; or</p> <p>e. Bachelor's degree in Automotive Technology</p> <p>Example Qualifying Experience: Auto body technician, automotive technician, automotive mechanic, service technician, postsecondary technical school instructor in endorsement area</p>
Industry Certification	<ul style="list-style-type: none"> • Automotive Service Excellence (ASE)Automobile and Light Truck Certification Tests: Suspension and Steering A-4, Brakes A-5, Electrical/Electronic Systems A-6, and Engine Performance A-8; • Automotive Service Excellence (ASE) Auto Maintenance and Light Repair G-1; • Specific Manufacturer Technician Training (i.e. Ford Technician Training or Toyota Technician Training); or • Any directly aligned Tier 2 or 3 credential in the Automotive Maintenance and Light Repair program of study within the Transportation career cluster of Tennessee Promoted Student Industry Credentials.

Aviation Ground School 6-12 (774)	
Minimum Education	High School Diploma
Experience	<p>a. Have a minimum of two hundred and fifty (250) hours logged flight time as Pilot in Command (PIC);</p> <p>b. Three (3) years of relevant work experience, completed within the last five (5) years;</p> <p>c. Five (5) years of relevant work experience, completed within the last ten (10) years;</p> <p>d. One (1) year of relevant work experience, completed within the last ten (10) years and an Associate degree in Aviation/Commercial or Private Pilot; or</p> <p>e. Bachelor's degree in Aviation/Commercial or Private Pilot</p> <p>Example Qualifying Experience: Aircraft flight instructor, pilot</p>
Industry Certification	<ul style="list-style-type: none"> • Federal Aviation Administration Ground Instructor Certificate; or • Private Pilot License

Aviation Maintenance (782)	
Minimum Education	High School Diploma
Experience	<p>a. Three (3) years of relevant work experience, completed within the last five (5) years</p> <p>b. Five (5) years of relevant work experience, completed within the last ten (10) years;</p> <p>c. Two (2) years of relevant work experience, completed within the last ten (10) years and a postsecondary technical school certificate in Aviation Maintenance;</p> <p>d. One (1) year of relevant work experience, completed within the last ten (10) years and an Associate degree in Aviation Maintenance; or</p> <p>e. Bachelor's degree in Aviation Maintenance</p> <p>Example Qualifying Experience: Aviation maintenance technician, airframe and powerplant mechanic, aircrew chief, aircraft maintenance trainer, avionics technician, or postsecondary technical school instructor in the endorsement area</p>
Industry Certification	<ul style="list-style-type: none"> • FAA Airframe and FAA Powerplant

Barbering 6-12 (780)	
Minimum Education	High School Diploma
Experience	<p>a. Three (3) years of relevant work experience, completed within the last five (5) years</p> <p>b. Five (5) years of relevant work experience, completed within the last ten (10) years</p> <p>Example Qualifying Experience: Barber</p>
Industry Certification	<p>State Barbering Instructor License from TN</p> <p>*Out of state Barbering instructors should contact Cosmetology.Board@tn.gov for guidance on obtaining a Tennessee instructor license.</p>

Broadcasting 6-12 (710)	
Minimum Education	High School Diploma
Experience	<p>a. Three (3) years of relevant work experience, completed within the last five (5) years</p> <p>b. Five (5) years of relevant work experience, completed within the last ten (10) years;</p> <p>c. Two (2) years of relevant work experience, completed within the last ten (10) years and a postsecondary technical school certificate in Broadcasting/Digital Media</p> <p>d. One (1) year of relevant work experience, completed within the last ten (10) years and an Associate degree in Broadcasting, Digital Media, Mass Communications/Media Studies, Journalism, or Film Production; or</p> <p>e. Bachelor's degree in Broadcasting, Digital Media, Mass Communications/Media Studies, Journalism, or Cinematography and Film/Video Production</p> <p>Example Qualifying Experience: Audio/video technology, audio/video/DVD networking, broadcaster with production experience, camera operators, electronic concept design and creation, electronic engineering, electronic recording, film and video editors, editors, news reporters, soundboard networking, sound board operations, studio production manager, postsecondary technical school instructor in endorsement area</p>
Industry Certification	N/A

Carpentry 6-12 (706)	
Minimum Education	High School Diploma
Experience	<p>a. Three (3) years of relevant work experience, completed within the last five (5) years;</p> <p>b. Five (5) years of relevant work experience, completed within the last ten (10) years;</p> <p>c. Two (2) years of relevant work experience, completed within the last ten (10) years and a postsecondary technical school certificate in Building Construction Technology;</p> <p>d. One (1) year of relevant work experience, completed within the last ten (10) years and an Associate degree in Building Construction; or</p> <p>e. Bachelor's degree in Building Construction</p> <p>Example Qualifying Experience: Carpenter, construction project manager, construction superintendent, foreman, general contractor, home repair technician, journeyman, mechanical maintenance technician, postsecondary technical school instructor in endorsement area</p>
Industry Certification	<ul style="list-style-type: none"> • U.S. Department of Labor Office of Apprenticeship Certificate of Completion of Apprenticeship; • NOCTI assessment (Carpentry 5265); • State contractor license (from TN or another state); • NCCER certifications: Certified Instructor, Core, Carpentry Level 1 and Carpentry Level 2*; or • Any directly aligned Tier 2 or 3 credential in the Structural Systems program of study within the Architecture & Construction career cluster of Tennessee Promoted Student Industry Credentials. <p>*NCCER must have all 4</p>

Collision Repair 6-12 (771)	
Minimum Education	High School Diploma
Experience	<p>a. Three (3) years of relevant work experience, completed within the last five (5) years ;</p> <p>b. Five (5) years of relevant work experience, completed within the last ten (10) years;</p> <p>c. One (1) year of relevant work experience, completed within the last ten (10) years and an Associate degree in Collision Repair/Refinishing; or</p> <p>d. Bachelor’s degree in Collision Repair/Refinishing</p> <p>Example Qualifying Experience: Auto body painter, auto body technician, automotive technician, mechanic, postsecondary technical school instructor in endorsement area</p>
Industry Certification	<ul style="list-style-type: none"> • Automotive Service Excellence (ASE) Collision Repair and Refinish Certification tests: Painting and Refinishing B-2, Non-Structural Analysis and Damage Repair B-3, and Structural Analysis and Damage Repair B-4; • Any Inter-Industry Conference on Auto Collision Repair (I-CAR); or • Any directly aligned Tier 2 or 3 Tennessee Promoted Student Industry Credentials in the Automotive Collision Repair program of study. • Any directly aligned Tier 2 or 3 credential in the Automotive Collision Repair program of study within the Transportation career cluster of Tennessee Promoted Student Industry Credentials.

Concrete/Masonry 6-12 (702)	
Minimum Education	High School Diploma
Experience	<p>a. Three (3) years of relevant work experience, completed within the last five (5) years;</p> <p>b. Five (5) years of relevant work experience, completed within the last ten (10) years;</p> <p>c. Two (2) years of relevant work experience, completed within the last ten (10) years and a postsecondary technical school certificate in Building Construction;</p> <p>d. One (1) year of relevant work experience, completed within the last ten (10) years and an Associate degree in Building Construction; or</p> <p>e. Bachelor’s degree in Building Construction</p> <p>Example Qualifying Experience: Cement masons, concrete finishers, concrete operations manager, concrete paving foreman, postsecondary technical school instructor in endorsement area</p>
Industry Certification	<ul style="list-style-type: none"> • U.S. Department of Labor Office of Apprenticeship Certificate of Completion of Apprenticeship; • NOCTI assessment (Masonry 5933); • State contractor license (from TN or another state); • NCCER certifications: Certified Instructor, Core, Masonry Level 1 and Masonry Level 2*; • NCCER certification: Certified Instructor, Core, Concrete Level 1 and Concrete Level 2*; or • Any directly aligned Tier 2 or 3 credential in the Residential and Commercial Construction program of study within the Architecture & Construction career cluster of Tennessee Promoted Student Industry Credentials. <p>*NCCER must have all 4.</p>

Cosmetology 6-12 (781)	
Minimum Education	High School Diploma
Experience	<p>a. Three (3) years of relevant work experience, completed within the last five (5) years; or</p> <p>b. Five (5) years of relevant work experience, completed within the last ten (10) years</p> <p>Example Qualifying Experience: Cosmetologist</p>
Industry Certification	<p>State Cosmetology Instructor license from TN</p> <p>*Out of state Cosmetology instructors should contact Cosmetology.Board@tn.gov for guidance on obtaining a TN Instructor license.</p>

Culinary Arts 6-12 (730)	
Minimum Education	High School Diploma
Experience	<p>a. Three (3) years of relevant work experience, completed within the last five (5) years;</p> <p>b. Five (5) years of relevant work experience, completed within the last ten (10) years;</p> <p>c. One (1) year of relevant work experience, completed within the last ten (10) years and an Associate degree in Culinary Arts; or</p> <p>d. Bachelor's degree in Culinary Arts</p> <p>Example Qualifying Experience: Caterer, executive chef, head chef, pastry chef, personal chef, restaurant manager, postsecondary technical school instructor in endorsement area</p>
Industry Certification	<ul style="list-style-type: none"> • Certified Culinary Educator (CCE) Certification; • Certified Secondary Culinary Educator Certification (CSCE); • National Registry of Food Safety Professionals; • Any directly aligned Tier 2 or 3 Tennessee Promoted Student Industry Credentials in the Culinary Arts program of study. • Any directly aligned Tier 2 or 3 credential in the Culinary Arts program of study within the Hospitality & Tourism career cluster of Tennessee Promoted Student Industry Credentials.

Diesel Technician (783)	
Minimum Education	High School Diploma
Experience	<p>a. Three (3) years of relevant work experience, completed within the last five (5) years;</p> <p>b. Five (5) years of relevant work experience, completed within the last ten (10) years;</p> <p>c. Two (2) years of relevant work experience, completed within the last 10 years and a postsecondary technical school certificate in Diesel Maintenance or Diesel Technology;</p> <p>d. One (1) year of relevant work experience, completed within the last ten (10) years and an Associate degree in Diesel Maintenance or Diesel Technology; or</p> <p>e. Bachelor's degree in Diesel Maintenance or Diesel Technology</p> <p>Example Qualifying Experience: Diesel maintenance technician, bus and truck mechanic, diesel engine specialist, heavy equipment mechanic, or diesel technician, postsecondary technical school instructor in endorsement area</p>
Industry Certification	<ul style="list-style-type: none"> • Automotive Service Excellence (ASE) Medium and Heavy Truck Certification Tests: Brakes T-4, Electrical/Electronic T-6, AND Preventative Maintenance Inspection T-8

Digital Arts & Design 6-12 (711)	
Minimum Education	High School Diploma
Experience	<p>a. Three (3) years of relevant work experience, completed within the last five (5) years;</p> <p>b. Five (5) years of relevant work experience, completed within the last ten (10) years;</p> <p>c. One (1) year of relevant work experience, completed within the last ten (10) years and an Associate degree in Digital Arts; or</p> <p>d. Bachelor's degree in Digital Arts or Graphic Design</p> <p>Example Qualifying Experience: Commercial artist, desktop publisher, digital imaging, digital printing, electronic publishing, graphic design, image conversion, web and digital interface designers, video game designer, special effect artists and animators, page composition, photographer, press operations and finishing, postsecondary technical school instructor in endorsement area</p>
Industry Certification	<ul style="list-style-type: none"> • Adobe Certified Expert Certification, • ADDA Certified Digital Designer, • NOCTI assessment (Advertising & Design 5261); or • Any directly aligned Tier 2 or 3 credential in the Digital Arts and Design program of study within the Arts/AV, Technology, & Communications career cluster of Tennessee Promoted Student Industry Credentials.

Drafting/CAD 6-12 (700)	
Minimum Education	High School Diploma
Experience	<p>a. Three (3) years of relevant work experience, completed within the last five (5) years;</p> <p>b. Five (5) years of relevant work experience, completed within the last ten (10) years;</p> <p>c. Two (2) years of relevant work experience, completed within the last ten (10) years and a postsecondary technical school certificate in Drafting or Computer Aided Desing Technology;</p> <p>d. One (1) year of relevant work experience, completed within the last ten (10) years and an Associate degree in Drafting or Architectural Design Technology; or</p> <p>e. Bachelor's degree in Drafting or Architecture</p> <p>Example Qualifying Experience: Architect; manual drafting and computer-aided design, orthographic projection, scale drawings, technical drawings, two- and three-dimensional drawings, postsecondary technical school instructor in endorsement area</p>
Industry Certification	<ul style="list-style-type: none"> • ADDA Certified Drafter, • Autodesk, or • Certified Solidworks Associate - Academic • State Architect License • State Engineer License; or • Any directly aligned Tier 2 or 3 credential in the Architectural and Engineering, Advanced STEM Applications, BioSTEM, Engineering, or Technology programs of study within the Architecture & Construction and STEM career clusters of Tennessee Promoted Student Industry Credentials.

Electrical 6-12 (701)	
Minimum Education	High School Diploma
Experience	<p>a. Three (3) years of relevant work experience, completed within the last five (5) years;</p> <p>b. Five (5) years of relevant work experience, completed within the last ten (10) years;</p> <p>c. Two (2) years of relevant work experience, completed within the last ten (10) years and a postsecondary technical school certificate in Building Construction;</p> <p>d. One (1) year of work experience, completed within the last ten (10) years and an Associate degree in Building Construction; or</p> <p>e. Bachelor's degree in Building Construction</p> <p>Example Qualifying Experience: Electrical engineering technicians, electrical engineers, electricians, postsecondary technical school instructor in endorsement area</p>
Industry Certification	<ul style="list-style-type: none"> • U.S. Department of Labor Office of Apprenticeship Certificate of Completion of Apprenticeship, • NOCTI assessment (Electrical 5271), • State contractor license (from TN or another state), • Limited Licensed Electrician (LLE) • NCCER certifications: Certified Instructor, Core, Electrical Level 1, and Electrical Level 2*. • Any directly aligned Tier 2 or 3 credential in the Mechanical, Electrical, and Plumbing Systems program of study within the Architecture & Construction career cluster of Tennessee Promoted Student Industry Credentials. <p>*NCCER must have all 4.</p>

Fire Safety 6-12 (751)	
Minimum Education	High School Diploma
Experience	<p>a. Three (3) years of relevant work experience, completed within the last five (5) years;</p> <p>b. Five (5) years of relevant work experience, completed within the last ten (10) years;</p> <p>c. One (1) year of relevant work experience, completed within the last ten (10) years and an Associate degree in Fire Science</p> <p>Example Qualifying Experience: Firefighter</p>
Industry Certification	<ul style="list-style-type: none"> • Fire Fighter Instructor 1; or • Any directly aligned Tier 2 or 3 Tennessee Promoted Student Industry Credentials in the Fire Management Services program of Study

Health Informatics 6-12 (721)	
Minimum Education	Postsecondary Certificate or Diploma related to license, registration, or certification
Experience	<p>a. Three (3) years of relevant work experience, completed within the last five (5) years;</p> <p>b. Five (5) years of relevant work experience, completed within the last ten (10) years;</p> <p>c. Two (2) years of relevant work experience, completed within the last ten (10) years and a postsecondary technical school certificate in Health Informatics;</p> <p>d. One (1) year of relevant work experience, completed within the last ten (10) years and an Associate degree in Health Informatics; or</p> <p>e. Bachelor's degree in Health Informatics</p> <p>Example Qualifying Experience: Clinical analyst, health care data analyst, informatics specialist, medical and health services manager, medical biller, medical coder, pharmacy technician, postsecondary technical school instructor in the endorsement area</p>
Industry Certification	<ul style="list-style-type: none"> • CPC-Certified Professional Coder, • CCA-Certified Coding Associate, • CCS- Certified Coding Specialist, • RHIT- Registered Health Information Technician, • RHIS-Registered Health Information Administrator; or • MCT-Medical Coding Technician

Health Science 6-12 (720)	
Minimum Education	Postsecondary Certificate or Diploma related to license, registration, or certification
Experience	<p>a. Three (3) years of relevant work experience, completed within the last five (5) years;</p> <p>b. Five (5) years of relevant work experience, completed within the last ten (10) years;</p> <p>c. Two (2) years of relevant work experience, completed within the last ten (10) years and a postsecondary technical school certificate related to health care license;</p> <p>d. One (1) year of relevant work experience, completed within the last ten (10) years and an Associate degree related to health care license; or</p> <p>e. Bachelor's/Master's degree related to health care license</p> <p>Example Qualifying Experience: Athletic trainer, audiologist, chiropractor, clinical perfusionist, registered dental assistant, dental hygienist, dentist, dietitian, licensed practical nurse, medical laboratory technician, occupational therapist, occupational therapy assistant, optometrist, paramedic, pharmacist, physical therapist, physical therapist assistant, physician, physician's assistant, podiatrist, radiology technician, registered nurse, respiratory therapist, speech therapist, veterinarian.</p> <p>*Clinical exercise physiologist,</p> <ul style="list-style-type: none"> ○ <i>*Clinical exercise physiologists are not required to be licensed to practice in TN, so only those who have chosen to become certified are eligible for a Health Science endorsement. American College of Sports Medicine, Certified Clinical Exercise Physiologist credential is required.</i> <p>**Radiologic technologists, diagnostic medical sonographer, and nuclear medicine technologist</p> <ul style="list-style-type: none"> ○ <i>**Radiologic technologists, nuclear medicine technologists, and diagnostic medical sonographers are not required to be licensed to practice in TN but must have a degree in radiologic technology AND a national certification from the American Registry of Radiologic Technologists to practice and be eligible for a Health Science endorsement. Radiology and sonography certificates that are "add-ons" for other allied health professionals are not equivalent.</i> <p>***EMT Paramedic</p> <ul style="list-style-type: none"> ○ <i>***EMT/Advanced EMT experience does not qualify; however, EMT Paramedic (EMT-P) experience is eligible.</i> <p>Example Non-Qualifying Experience: certified dental assistant, pharmacy technician, medical assistant, nursing assistant, ophthalmic technician, personal trainer, advanced emergency medical technician, emergency medical responder, massage therapist, or phlebotomist.</p>
Industry Certification	<ul style="list-style-type: none"> • State board of health issued license/certification (from TN or another state); or • A license, registration, or certification verified by a national license accreditation agency.

HVAC 6-12 (707)	
Minimum Education	High School Diploma
Experience	<p>a. Three (3) years of relevant work experience, completed within the last five (5) years;</p> <p>b. Five (5) years of relevant work experience, completed within the last ten (10) years;</p> <p>c. Two (2) years of relevant work experience, completed within the last ten (10) years and a postsecondary technical school certificate in Building Construction;</p> <p>d. One (1) year of relevant work experience, completed within the last ten (10) years and an Associate degree in Building Construction; or</p> <p>e. Bachelor's degree in Building Construction</p> <p>Example Qualifying Experience: First-line supervisors of mechanics, HVAC technicians, installers, repairers, postsecondary technical school instructor in endorsement area</p>
Industry Certification	<ul style="list-style-type: none"> • U.S. Department of Labor Office of Apprenticeship Certificate of Completion of Apprenticeship; • ESCO Group HVAC Excellence; • Any Refrigeration Service Engineers Society (RSES) Certification; • NCCER certifications: Certified Instructor, Core, HVAC Level 1, and HVAC Level 2*. • Any directly aligned Tier 2 or 3 credential in the Mechanical, Electrical, & Plumbing Systems program of study within the Architecture & Construction career cluster of Tennessee Promoted Student Industry Credentials. <p>*NCCER must have all 4.</p>

Information Technology 6-12 (740)	
Minimum Education	High School Diploma
Experience	<p>a. Three (3) years of relevant work experience, completed within the last five (5) years;</p> <p>b. Five (5) years of relevant work experience, completed within the last ten (10) years;</p> <p>c. Two (2) years of relevant work experience, completed within the last ten (10) years and a postsecondary technical school certificate related to certification or endorsement area;</p> <p>d. One (1) year of relevant work experience, completed within the last ten (10) years and an Associate degree related to certification or endorsement; or</p> <p>e. Bachelor's degree related to certification or endorsement area.</p> <p>Example Qualifying Experience: Business analyst, business intelligence developer, cable technician, chief information security officer, cloud security specialist, computer engineer, computer maintenance, computer networking, computer programmer, computer support specialist, computer system analysis, cybersecurity analyst, cybersecurity engineer, host web manager, information technology systems manager, IT project manager, network designer, penetration tester, quality assurance software developer, security architect, software architect, software developer, technology business analyst, telecommunication technician, webmaster, web page designer, postsecondary technical school instructor in endorsement area</p>
Industry Certification	<ul style="list-style-type: none"> • Any CISCO, • Any CIW, • Any CompTIA; • NOCTI 5906 – Computer Programming; • NOCTI 5950 – Computer Networking Fundamentals; • NOCTI 5934 – Web Design; or • Any directly aligned Tier 2 or 3 credential in the Information Technology career cluster of Tennessee Promoted Student Industry Credentials; or • Successful completion of Computer Science Endorsement Pathway – For adding endorsement ONLY

Legal and Protective Services 6-12 (750)	
Minimum Education	High School Diploma
Experience	<p>a. Three (3) years of relevant work experience, completed within the last five (5) years;</p> <p>b. Five (5) years of relevant work experience, completed within the last ten (10) years;</p> <p>c. Two (2) years of relevant work experience, completed within the last ten (10) years and a postsecondary technical school certificate in Criminal Justice;</p> <p>d. One (1) year of relevant work experience, completed within the last ten (10) years and an Associate degree in Criminal Justice; or</p> <p>e. Bachelor's degree in Criminal Justice</p> <p>Example Qualifying Experience: Correctional officer, crime scene investigator, judge, lawyer, military police, police officer, parole officer, probation officer, sheriff, sheriff's deputy, state or federal bureau of investigation officer, wildlife officer, postsecondary technical school instructor in endorsement area</p>
Industry Certification	<ul style="list-style-type: none"> • NOCTI assessment (Criminal Justice 5269 or Protective Services 5916); • Peace Officer Standards & Training (POST) Commission (regardless of issue date); • State law license (from TN or another state); • Police Academy; • FBI Academy; or • Any directly aligned Tier 2 or 3 credential in the Criminal Justice and Correction Services or Pre-Law programs of study within the Law, Public Safety, & Corrections career cluster of Tennessee Promoted Student Industry Credentials.

Manufacturing 6-12 (760)	
Minimum Education	High School Diploma
Experience	<p>a. Three (3) years of relevant work experience, completed within the last five (5) years;</p> <p>b. Five (5) years of relevant work experience, completed within the last ten (10) years;</p> <p>c. Two (2) years of relevant work experience, completed within the last ten (10) years and a postsecondary technical school certificate in Manufacturing Operations/Technology;</p> <p>d. One (1) year of relevant work experience, completed within the last ten (10) years and an Associate degree in Manufacturing Operations/Technology; or</p> <p>e. Bachelor's degree in Manufacturing Operations/Technology</p> <p>Example Qualifying Experience: Computer-aided drafting (CAD), electronic engineer, electronic semi-conductor processor, electronic technician, engineer, industrial maintenance, industrial production manager, machinist, numerical control machine tool programmer, plant manager, postsecondary technical school instructor in endorsement area</p>
Industry Certification	<ul style="list-style-type: none"> • National Institute of Metalworking Skills (NIMS) Certification; • Siemens Mechatronic Systems Certification Program (SMSCP) Instructor Certification - Level 1; • Certified Production Technician (CPT); • Certified Manufacturing Associate; • U.S. Department of Labor Office of Apprenticeship Certificate of Completion of Apprenticeship; or • Any directly aligned Tier 2 or 3 credential in the Industrial Maintenance, Machining Technology, or Mechatronics programs of study within the Advanced Manufacturing career cluster of Tennessee Promoted Student Industry Credentials.

Plumbing 6-12 (703)	
Minimum Education	High School Diploma
Experience	<p>a. Three (3) years of relevant work experience, completed within the last five (5) years;</p> <p>b. Five (5) years of relevant work experience, completed within the last ten (10) years;</p> <p>c. Two (2) years of relevant work experience, completed within the last ten (10) years and a postsecondary technical school certificate in Building Construction;</p> <p>d. One (1) year of relevant work experience, completed within the last ten (10) years and an Associate degree in Building Construction; or</p> <p>e. Bachelor's degree in Building Construction</p> <p>Example Qualifying Experience: Pipefitter, plumber, steamfitter, postsecondary technical school instructor in endorsement area</p>
Industry Certification	<ul style="list-style-type: none"> • NOCTI assessment (Plumbing 5175); • Tennessee Contractor License; • U.S. Department of Labor Office of Apprenticeship Certificate of Completion of Apprenticeship; • Limited Licensed Plumber (LLP) • NCCER certifications: Certified Instructor, Core, Plumbing Level 1, and Plumbing Level 2*. • Any directly aligned Tier 2 or 3 credential in the Mechanical, Electrical, and Plumbing Systems program of study within the Architecture & Construction career cluster of Tennessee Promoted Student Industry Credentials. <p><i>*NCCER must have all 4.</i></p>

Programming 6-12 (742)	
Minimum Education	High School Diploma
Experience	<p>a. Three (3) years of relevant work experience, completed within the last five (5) years;</p> <p>b. Five (5) years of relevant work experience, completed within the last ten (10) years;</p> <p>c. Two (2) years of relevant work experience, completed within the last ten (10) years and a postsecondary technical school certificate related to certification or endorsement area;</p> <p>d. One (1) year of relevant work experience, completed within the last ten (10) years and an Associate degree related to certification or endorsement; or</p> <p>e. Bachelor's degree related to certification or endorsement area.</p> <p>Example Qualifying Experience: Business analyst, business intelligence developer, computer programmer, IT project manager, quality assurance software developer, software architect, software developer, technology business analyst, postsecondary technical school instructor in endorsement area</p>
Industry Certification	<ul style="list-style-type: none"> • Any CIW; • Any CISCO; • Any CompTIA; or • Any directly aligned Tier 2 or 3 credential in the Coding, Cybersecurity, Networking Systems, or Web Design programs of study within the Information Technology career cluster of Tennessee Promoted Student Industry Credentials.

Public Health 6-12 (722)	
Minimum Education	Postsecondary Certificate or Diploma related to license, registration, or certification
Experience	<p>a. Three (3) years of relevant work experience, completed within the last five (5) years;</p> <p>b. Five (5) years of relevant work experience, completed within the last ten (10) years;</p> <p>c. Two (2) years of relevant work experience, completed within the last ten (10) years and a postsecondary technical school certificate related to public health or public health administration;</p> <p>d. One (1) year of relevant work experience, completed within the last ten (10) years and an Associate degree related to public health or public health administration; or</p> <p>e. Bachelor's/Master's degree related to public health or public health administration</p> <p>Example Qualifying Experience: Environmental engineer, environmental scientist, epidemiologist, health care administrator, health educator, health services manager, HIV/AIDS educator, midwife, public health nurse, quality investigator, refugee coordinator, postsecondary technical school instructor in endorsement area</p>
Industry Certification	N/A

Supply Chain Management 6-12 (776)	
Minimum Education	High School Diploma
Experience	<p>a. Three (3) years of relevant work experience, completed within the last five (5) years;</p> <p>b. Five (5) years of relevant work experience, completed within the last ten (10) years;</p> <p>c. Two (2) years of relevant work experience, completed within the last ten (10) years and a postsecondary technical school certificate in Distribution and Logistics;</p> <p>d. One (1) year of relevant work experience, completed within the last ten (10) years and an Associate degree in Distribution and Logistics; or</p> <p>e. Bachelor's degree in Distribution and Logistics</p> <p>Example Qualifying Experience: Buyer/inventory control specialist, distribution manager, engineer, fulfillment manager, logistician, logistics manager, operations analyst, supply chain analyst, transportation coordinator, warehouse manager, postsecondary technical school instructor in endorsement area</p>
Industry Certification	N/A

Welding 6-12 (705)	
Minimum Education	High School diploma
Experience	<p>a. Three (3) years of relevant work experience, completed within the last five (5) years;</p> <p>b. Five (5) years of relevant work experience, completed within the last ten (10) years;</p> <p>c. Two (2) years of relevant work experience, completed within the last ten (10) years and a postsecondary technical school certificate in Welding/Fabrication;</p> <p>d. One (1) year of relevant work experience, completed within the last ten (10) years and an Associate degree in Welding/Fabrication; or</p> <p>e. Bachelor's degree in Welding/Fabrication</p> <p>Example Qualifying Experience: Welders; individuals with experience in blueprint reading, layout, and fabrication using oxy-fuel cutting SMAW, FCAW, GMAW, GTAW processes on various metals, postsecondary technical school instructor in endorsement area</p>
Industry Certification	<ul style="list-style-type: none"> • Any AWS Certification; • U.S. Department of Labor Office of Apprenticeship Certificate of Completion of Apprenticeship; • Certified Welding Educator Certification; • NOCTI assessment (Welding 5279); • NCCER Welding Certified Instructor; or • Any directly aligned Tier 2 or 3 credential in the Welding program of study within the Advanced Manufacturing career cluster of Tennessee Promoted Student Industry Credentials.