

Idaho State Board of Education
GOVERNING POLICIES AND PROCEDURES
SECTION: VII. DIVISION OF CAREER TECHNICAL EDUCATION
Subsection: C. Career Technical Educator Certification

August-December 2026

1. Purpose

This subsection establishes requirements for career technical educator certification under Sections 33-1201, 33-2202, 33-2203, 33-2205, and 33-2211, Idaho Code, and IDAPA 08.02.02.

a. Statutory Authorization

Section 33-2205, Idaho Code, authorizes three (3) pathways to career technical education instructor certification:

- i. Hold or have held an approved industry certification in a field closely related to the content area in which the individual seeks to teach.
- ii. Demonstrate adequate professional experience in a field closely related to the content area in which the individual seeks to teach.
- iii. Hold a baccalaureate degree in a field closely related to the content area and demonstrate adequate professional experience.

b. Educator Training Requirement

Regardless of pathway, all instructional staff must complete an educator training program or courses approved by the Division. A list of approved career technical educator preparation programs is maintained on the Division website. Approved programs are reviewed on a seven-year cycle for continued approval.

c. Secondary Educator Standards

Secondary educators meeting minimum statutory requirements must also meet the requirements established in IDAPA 08.02.02 prior to being eligible for certification and endorsement. IDAPA 08.02.02 establishes five (5) types of secondary educator certificates: one (1) career technical program administrator certificate and four (4) instructional certificates, degree-based and industry-based (limited, standard, and advanced).

d. Professional Licensing Requirements

Instructional staff must hold applicable professional licenses necessary for their students to qualify for occupational licensing exams in their respective fields. Where an applicable license is required, no additional professional experience under this subsection is required beyond that license; see Section 4 of this policy.

~~Pursuant to Section 33-1201, Idaho Code, every person employed in an elementary or secondary school in the capacity of a teacher must have a certificate issued under the authority of the State Board of Education. Certification requirements are established in IDAPA 08.02.02. Each certificate must have one or more endorsements indicating the occupational area the teacher is qualified to provide instruction in. Endorsement eligibility is determined by the Idaho Division of Career Technical Education (IDCTE) as applicable to the type of career technical education certification and industry experience as aligned~~

~~to the industry-validated program standards. Career technical education certificate endorsements consist of the following:~~

2. Qualifying and Crediting Professional Experience

a. Core Requirement

Experience must be in a field closely related to the content area in which the applicant seeks to teach and must demonstrate applied competence in the majority of the standards listed for that endorsement in Sections 5 through 9 of this policy.

b. Recency of Experience

- i. At least one-half (1/2) of the required hours must have been earned during the five (5) years immediately preceding application.
- ii. Hours earned more than ten (10) years before application shall be credited only when the applicant also holds a current industry certification in the endorsement area or documents professional development in the field within the preceding three (3) years.

c. Types of Qualifying Professional Experience

- i. Paid employment (full-time or part-time) at actual hours worked
- ii. Self-employment and contracted professional services at actual documented hours
- iii. Registered apprenticeship hours (on-the-job learning only)
- iv. Military occupational experience in a closely related specialty, credited at two thousand (2,000) hours per year of full-time service
- v. Supervised industry externship or practicum approved by the Division
- vi. Providing postsecondary technical instruction or program coordination in the endorsement area
- vii. Other documented industry experience, including unpaid community service or service learning, approved by the Division

d. Crediting Full-Time Employment

One (1) year of full-time employment equals two thousand eighty (2,080) hours. Part-time and seasonal employment must be credited at actual hours worked and must not be rounded up to a full-time equivalent. Hours from more than one (1) qualifying source may be combined to reach the required total.

3. Tiered Hour Requirements

a. Overview

Endorsement areas are assigned to one (1) of three (3) tiers reflecting the time an occupation ordinarily requires to reach the minimum technical mastery needed to instruct secondary students safely and credibly. Tier assignments are based on occupational complexity and required progression, not prestige or wage level. No occupational endorsement requires more than three thousand (3,000) hours.

Some endorsement areas require a professional license or certification for students to be eligible for an industry credential. These areas have no additional

professional experience requirements beyond those set by the governing authority; see Section 4 of this policy.

Table 1: Tier Definitions and Professional Experience Hour Requirements

<u>Tier</u>	<u>Less Than a Baccalaureate Degree /No Industry Certification</u>	<u>Baccalaureate Degree Plus</u>	<u>Basis for Assignment</u>
<u>1</u>	<u>1,000</u>	<u>500</u>	<u>Entry to the occupation does not depend on an extended supervised progression. Applied competence is ordinarily demonstrated within the first six (6) months of full-time employment. Currency matters more than accumulated time.</u>
<u>2</u>	<u>2,000-2,500</u>	<u>1,000</u>	<u>Competence depends on completing at least one (1) full business, production, seasonal, or client cycle, or on integrating technical content with regulatory, financial, clinical, or client-facing practice. Ordinarily requires approximately one (1) year of full-time employment.</u>
<u>3</u>	<u>3,000</u>	<u>1,500-2,000</u>	<u>The occupation involves powered equipment, high-voltage or high-pressure systems, structural or load-bearing work, or diagnostic reasoning under safety-critical conditions, and industry uses a multi-year supervised progression to journeyman level. Ordinarily requires approximately eighteen (18) months of full-time employment or more.</u>

Table 2: Minimum Professional Experience Hours by Endorsement

<u>Endorsement</u>	<u>Tier</u>	<u>Less Than a Baccalaureate Degree /No Industry Certification</u>	<u>Baccalaureate Degree Plus</u>
<u>Agriculture, Food and Natural Resources</u>			
<u>Agribusiness</u>	<u>2</u>	<u>2,000</u>	<u>1,000</u>
<u>Agriculture Food Science and Processing Technologies</u>	<u>3</u>	<u>3,000</u>	<u>2,000</u>
<u>Agriculture Leadership and Communications</u>	<u>2</u>	<u>2,000</u>	<u>1,000</u>
<u>Agriculture, Power, Structural, and Mechanical Systems</u>	<u>3</u>	<u>3,000</u>	<u>2,000</u>
<u>Small Engine Repair</u>	<u>2</u>	<u>2,000</u>	<u>1,000</u>
<u>Certified Welding *</u>	<u>3</u>	<u>3,000</u>	<u>1,500</u>
<u>Animal Science</u>	<u>3</u>	<u>3,000</u>	<u>2,000</u>
<u>Ecology and Natural Resource Management</u>	<u>3</u>	<u>3,000</u>	<u>2,000</u>
<u>Forest Products</u>	<u>3</u>	<u>3,000</u>	<u>2,000</u>
<u>Ornamental Horticulture</u>	<u>2</u>	<u>2,000</u>	<u>1,000</u>
<u>Plant and Soil</u>	<u>3</u>	<u>3,000</u>	<u>2,000</u>
<u>Business and Marketing Education</u>			

<u>Endorsement</u>	<u>Tier</u>	<u>Less Than a Baccalaureate Degree /No Industry Certification</u>	<u>Baccalaureate Degree Plus</u>
<u>Administrative Services</u>	<u>2</u>	<u>2,000</u>	<u>1,000</u>
<u>Applied Accounting</u>	<u>2</u>	<u>2,000</u>	<u>1,000</u>
<u>Business Management</u>	<u>2</u>	<u>2,000</u>	<u>1,000</u>
<u>Digital Communications</u>	<u>1</u>	<u>1,000</u>	<u>500</u>
<u>Hospitality Management</u>	<u>2</u>	<u>2,000</u>	<u>1,000</u>
<u>Marketing</u>	<u>2</u>	<u>2,000</u>	<u>1,000</u>
<u>Engineering and Technology Education</u>			
<u>Commercial Photography</u>	<u>2</u>	<u>2,000</u>	<u>1,000</u>
<u>Computer Support</u>	<u>3</u>	<u>3,000</u>	<u>2,000</u>
<u>Cybersecurity</u>	<u>3</u>	<u>3,000</u>	<u>2,000</u>
<u>Digital Media Production</u>	<u>3</u>	<u>3,000</u>	<u>1,500</u>
<u>Drafting and Design</u>	<u>3</u>	<u>3,000</u>	<u>1,500</u>
<u>Graphic Design</u>	<u>3</u>	<u>3,000</u>	<u>1,000</u>
<u>Journalism</u>	<u>1</u>	<u>1,000</u>	<u>500</u>
<u>Networking Support</u>	<u>3</u>	<u>3,000</u>	<u>2,000</u>
<u>Pre-Engineering Technology</u>	<u>3</u>	<u>3,000</u>	<u>1,000</u>
<u>Programming and Software Development</u>	<u>3</u>	<u>3,000</u>	<u>1,000</u>
<u>Web Design and Development</u>	<u>2</u>	<u>2,500</u>	<u>1,000</u>
<u>Family and Consumer Sciences and Human Services</u>			
<u>Apparel and Textiles</u>	<u>2</u>	<u>2,000</u>	<u>1,000</u>
<u>Culinary Arts</u>	<u>3</u>	<u>3,000</u>	<u>1,500</u>
<u>Child Development and Services</u>	<u>2</u>	<u>2,000</u>	<u>1,000</u>
<u>Hospitality Services</u>	<u>2</u>	<u>2,000</u>	<u>1,000</u>
<u>Health Professions and Public Safety</u>			
<u>Most endorsement areas in this program area are governed by licensure or an external credential; see Section 4 of this policy.</u>			
<u>Dental Assisting</u>	<u>3</u>	<u>3,000</u>	<u>2,000</u>
<u>Trades and Industry</u>			
<u>Automated Manufacturing</u>	<u>3</u>	<u>3,000</u>	<u>1,500</u>
<u>Automotive Collision Repair</u>	<u>3</u>	<u>3,000</u>	<u>1,500</u>
<u>Automotive Maintenance and Light Repair</u>	<u>3</u>	<u>3,000</u>	<u>1,500</u>
<u>Cabinetmaking and Fine Woodworking</u>	<u>3</u>	<u>3,000</u>	<u>1,500</u>
<u>Certified Welding *</u>	<u>3</u>	<u>3,000</u>	<u>1,500</u>
<u>Construction Trades Technology</u>	<u>3</u>	<u>3,000</u>	<u>1,500</u>
<u>Electronics Technology</u>	<u>3</u>	<u>3,000</u>	<u>1,500</u>
<u>Heavy Duty Truck and Equipment</u>	<u>3</u>	<u>3,000</u>	<u>1,500</u>
<u>Industrial Mechanics</u>	<u>3</u>	<u>3,000</u>	<u>1,500</u>
<u>Powersports and Outdoor Power Equipment</u>	<u>3</u>	<u>3,000</u>	<u>1,500</u>
<u>Precision Machining</u>	<u>3</u>	<u>3,000</u>	<u>1,500</u>

* Endorsement is listed in more than one program area.

b. Verification and Documentation

The Division shall determine whether an applicant has met the requirements of this section. Acceptable documentation includes:

- i. Employer verification forms
- ii. Employment or payroll records

- iii. Tax records (Schedule C filings for self-employment)
- iv. Military service records (DD Form 214)
- v. Registered apprenticeship completion or progress records
- vi. Professional licenses, registrations, and instructor credentials
- vii. Industry certifications and safety credentials
- viii. Externship or practicum verification approved by the Division
- ix. A resume, supported by at least one (1) document listed above

The Division may require additional documentation to verify the relevance, duration, and recency of professional experience. The Division shall issue a written determination stating the basis for any documentation that is not accepted.

c. Equivalency Determinations

The Administrator of Career Technical Education may accept a combination of professional experience, postsecondary technical coursework, industry credentials, and juried portfolio evidence that in the aggregate demonstrates competence equivalent to the Table 1 requirement. An equivalency determination:

- i. shall not reduce the applicable requirement by more than twenty-five percent (25%)
- ii. shall not be applied to the endorsement areas identified in Section 4 of this policy
- iii. shall be documented in writing with the basis stated and retained in the applicant's file

The Division shall report the number and distribution of equivalency determinations to the Board annually.

4. Occupations Governed by Licensure or External Credential

- a. For the endorsement areas listed below, occupational competency is demonstrated by holding the applicable credential. Hours in Table 2 do not apply. Only a current credential recognized by the applicable licensing or credentialing authority satisfies this requirement.

b. Idaho-Licensed Occupations

Applicants must hold a current and valid Idaho professional license, certificate, registration, or instructor credential for:

- i. Health Professions and Public Safety: Emergency Medical Technician, Firefighting, Medical Assisting, Nursing Assistant, Pharmacy Technician, Rehabilitation Services
- ii. Trades and Industry: Electrical Technology, HVAC Technology, Plumbing Technology
- iii. Family and Consumer Sciences and Human Services: Cosmetology

The Division Administrator is authorized to add other regulated occupations identified by the Idaho Division of Occupational and Professional Licenses as they are identified.

c. Externally Credentialed Occupations

The following endorsement areas are governed by credentialing authorities other than the Idaho Division of Occupational and Professional Licenses:

- i. Law Enforcement: Idaho Peace Officer Standards and Training certification
- ii. Military Science: Instructor certification issued by the applicable branch of the United States armed forces
- iii. Aircraft Maintenance and Aviation: Current Federal Aviation Administration (FAA) Airframe and Powerplant, pilot, or remote pilot certificate

4. 5. Secondary Industry Based Endorsements A-C

- a. Administrative Services (6-12). Industry experience demonstrating applied competence in the majority of the Administrative Services program content standards and inclusive of the performance standards.
- b. Agribusiness (6-12). Industry experience demonstrating applied competence in the majority of the Agribusiness program content standards and inclusive of the performance standards.
- c. Agriculture Food Science and Processing Technologies (6-12). Industry experience demonstrating applied competence in the majority of the Agriculture Food Science and Processing Technologies program content standards and inclusive of the performance standards.
- d. Agriculture Leadership and Communications (6-12). Industry experience demonstrating applied competence in the majority of the Agriculture Leadership and Communication program content standards and inclusive of the performance standards.
- e. Agriculture Power, Structural, and Mechanical Systems (6-12). Industry experience demonstrating applied competence in the majority of the Agriculture Power, Structural, and Mechanical Systems program content standards and inclusive of the performance standards.
- f. Aircraft Maintenance (6-12). Industry experience demonstrating applied competence in the majority of the Aircraft Maintenance program content standards inclusive of the performance standards. Hold a current Federal Aviation Administration (FAA) Airframe and Powerplant certificate.
- g. Animal Science (6-12). Industry experience demonstrating applied competence in the majority of the Animal Science program content standards inclusive of the performance standards.
- h. Apparel and Textiles (6-12). Industry experience demonstrating applied competence in the majority of the Apparel and Textiles program content standards inclusive of the performance standards.
- i. Applied Accounting (6-12). Industry experience demonstrating applied competence in the majority of the Applied Accounting program content standards inclusive of the performance standards.
- j. Automated Manufacturing (6-12). Industry experience demonstrating applied competence in the majority of the Automated Manufacturing program content standards inclusive of the performance standards.

- k. Automotive Collision Repair (6-12). Industry experience demonstrating applied competence in the majority of the Automotive Collision Repair program content standards inclusive of the performance standards.
- l. Automotive Maintenance and Light Repair (6-12). Industry experience demonstrating applied competence in the majority of the Automotive Maintenance and Light Repair program content standards inclusive of the performance standards.
- m. Aviation (6-12). Industry experience demonstrating applied competence in the majority of the Aviation program content standards inclusive of the performance standards. Hold a current Federal Aviation Administration pilot or remote pilot certificate.
- n. Business Management (6-12). Industry experience demonstrating applied competence in the majority of the Business Management program content standards inclusive of the performance standards.
- o. Cabinetmaking and Fine Woodworking (6-12). Industry experience demonstrating applied competence in the majority of the Cabinetmaking and Fine Woodworking program content standards inclusive of the performance standards.
- p. Certified Welding (6-12). Industry experience demonstrating applied competence in the majority of the Agriculture Welding and-or Welding program content standards inclusive of the performance standards. Instructor must demonstrate at least one American Welding Society (AWS) industry inspected and passed weld.
- q. Child Development and Services (6-12). Industry experience demonstrating applied competence in the majority of the Early Childhood Education program content standards inclusive of the performance standards.
- r. Commercial Photography (6-12). Industry experience demonstrating applied competence in the majority of the Commercial Photography program content standards inclusive of the performance standards.
- s. Computer Support (6-12). Industry experience demonstrating applied competence in the majority of the Computer Support program content standards inclusive of the performance standards.
- t. Construction Trades Technology (6-12). Industry experience demonstrating applied competence in the majority of the Construction Trades program content standards inclusive of the performance standards.
- u. Cosmetology (6-12). Industry experience demonstrating applied competence in the majority of the Cosmetology program content standards inclusive of the performance standards. Instructor must hold a current and valid Idaho cosmetology instructor license i.
- v. Culinary Arts (6-12). Industry experience demonstrating applied competence in the majority of the Culinary Arts program content standards inclusive of the performance standards.
- w. Cybersecurity (6-12). Industry experience demonstrating applied competence in the majority of the Cybersecurity program content standards inclusive of the performance standards.

2. 6. Secondary Industry Based Endorsements D-N

- a. Dental Assisting (6-12). Industry experience demonstrating applied competence in the majority of the Dental Assisting program content standards inclusive of the performance standards. Instructor must hold a current and valid Idaho license or certificate as a dental assistant, dental hygienist, or dentist.
- b. Digital Communications (6-12). Industry experience demonstrating applied competence in the majority of the Graphic Design program content standards inclusive of the performance standards.
- c. Digital Media Production (6-12). Industry experience demonstrating applied competence in the majority of the Digital Media Production program content standards inclusive of the performance standards.
- d. Drafting and Design (6-12). Industry experience demonstrating applied competence in the majority of the Drafting and Design program content standards inclusive of the performance standards.
- e. Ecology and Natural Resource Management (6-12). Industry experience demonstrating applied competence in the majority of the Ecology and Natural Resource Management program content standards inclusive of the performance standards.
- f. Electrical Technology (6-12). Industry experience demonstrating applied competence in the majority of the Electrical program content standards inclusive of the performance standards. Instructor must hold a current and valid Idaho license or certificate as an electrician.
- g. Electronics Technology (6-12). Industry experience demonstrating applied competence in the majority of the Electronics Technology program content standards inclusive of the performance standards.
- h. Emergency Medical Technician (EMT) (6-12). Industry experience demonstrating applied competence in the majority of the Emergency Medical Technician program content standards inclusive of the performance standards. Instructor must have passed the National Registry exam. Instructor must hold a current and valid Idaho EMS license or certificate and be certified as an EMT instructor through Idaho EMS.
- i. Firefighting (6-12). Industry experience demonstrating applied competence in the majority of the Firefighting program content standards inclusive of the performance standards. Instructor must hold a current and valid Idaho license or certificate as an EMT and firefighter.
- j. Forest Products (6-12). Industry experience demonstrating applied competence in the majority of the Forest Products program content standards inclusive of the performance standards.
- k. Graphic Design (6-12). Industry experience demonstrating applied competence in the majority of the Graphic Design program content standards inclusive of the performance standards.
- l. HVAC Technology (6-12). Industry experience demonstrating applied competence in technical subjects and skills related to the HVAC trade as approved by the Idaho HVAC Board and the Idaho State Board for Career Technical Education HVAC program content standards inclusive of the performance standards. Instructor must hold a current and valid Idaho license or certificate as an HVAC Technician.

- m. Heavy Duty Truck and Equipment (6-12). Industry experience demonstrating applied competence in the majority of the Heavy-Duty Truck and Equipment program content standards inclusive of the performance standards.
- n. Hospitality Management (6-12). Industry experience demonstrating applied competence in the majority of the Hospitality Management program content standards inclusive of the performance standards.
- o. Hospitality Services (6-12). Industry experience demonstrating applied competence in the majority of the Hospitality Services program content standards inclusive of the performance standards.
- p. Industrial Mechanics (6-12). Industry experience demonstrating applied competence in the majority of the Industrial Maintenance Mechanics program content standards inclusive of the performance standards.
- q. Journalism (6-12). Industry experience demonstrating applied competence in the majority of the Journalism program content standards inclusive of the performance standards.
- r. Law Enforcement (6-12). Industry experience demonstrating applied competence in the majority of the Law Enforcement program content standards inclusive of the performance standards. Hold an Idaho Peace Officer Standards and Training certification.
- s. Marketing (6-12). Industry experience demonstrating applied competence in the majority of the Marketing program content standards inclusive of the performance standards.
- t. Medical Assisting (6-12). Industry experience demonstrating applied competence in the majority of the Medical Assisting program content standards inclusive of the performance standards. Instructor must hold a current and valid medical assistant certification as evidenced in the national registry.
- u. Military Science (6-12). Military experience demonstrated applied competence in the majority of Military Science program content standards inclusive of the performance standards. Instructor must hold a current and valid JROTC/ROTC instructor certification through the military division in which they served.
- v. Networking Support (6-12). Industry experience demonstrating applied competence in the majority of the Network Support program content standards inclusive of the performance standards.
- w. Nursing Assistant (6-12). Industry experience demonstrating applied competence in the majority of the Nursing Assistant program content standards inclusive of the performance standards. Instructor must hold current and valid Idaho registered nursing license and be approved as a certified primary instructor through Idaho Department of Health and Welfare.

3. 7. Secondary Industry Based Endorsements O-Z

- a. Ornamental Horticulture (6-12). Industry experience demonstrating applied competence in the majority of the Ornamental Horticulture program content standards inclusive of the performance standards.
- b. Pharmacy Technician (6-12). Industry experience demonstrating applied competence in the majority of the Pharmacy Technician program content standards inclusive of the performance standards. Instructor must be a pharmacist,

registered nurse, or pharmacy technician holding a current and valid Idaho license or certification.

- c. Plant and Soil (6-12). Industry experience demonstrating applied competence in the majority of the Plant and Soil program content standards inclusive of the performance standards.
- d. Plumbing Technology (6-12). Industry experience demonstrating applied competence in technical subjects and skills related to the plumbing trade as approved by the Idaho Plumbing Board and the Idaho Board for Career Technical Education Plumbing program content standards inclusive of the performance standards. Instructor must hold a current and valid Idaho license or certificate as a plumber.
- e. Powersports and Outdoor Power Equipment (6-12). Industry experience demonstrating applied competence in the majority of the Powersports and Outdoor Power Equipment program content standards inclusive of the performance standards.
- f. Pre-Engineering Technology (6-12). Industry experience demonstrating applied competence in the majority of the Pre-Engineering program content standards inclusive of the performance standards.
- g. Precision Machining (6-12). Industry experience demonstrating applied competence in the majority of the Precision Machining program content standards inclusive of the performance standards.
- h. Programming and Software Development (6-12). Industry experience demonstrating applied competence in the majority of the Programming and Software Development program content standards inclusive of the performance standards.
- i. Rehabilitation Services (6-12). Industry experience demonstrating applied competence in the majority of the Rehabilitation Services program content standards inclusive of the performance standards. Instructor must be a health professional holding a current and valid Idaho license or certificate in his/her field of rehabilitation study.
- j. Small Engine Repair (6-12). Industry experience demonstrating applied competence in the majority of the Agriculture Small Engine Repair program content standards and inclusive of the performance standards.
- k. Web Design and Development (6-12). Industry experience demonstrating applied competence in the majority of the Web Design and Development program content standards inclusive of the performance standards.
- l. Work-Based Learning Coordinator (6-12). Educators assigned to coordinate approved work-based experiences must hold this endorsement. Applicants must hold an occupational endorsement on the Degree Based Career Technical Certificate or Occupational Specialist Certificate and demonstrate completed training in coordination of work-based learning programs.

8. Secondary Degree-Based Career Technical Certificate Endorsements

4. Applicants completing an approved career technical education degree-based educator preparation program holding a baccalaureate degree in a field closely related to the endorsement area may meet professional experience

requirements at fifty percent (50%) of the hour levels specified in Table 2. Degree-based endorsements require specific coursework as follows: ~~Degree-Based Career Technical Certificate Endorsements:~~

- a. Agricultural Science and Technology (6-12). Thirty (30) semester credit hours to include coursework in methods of teaching agricultural science and technology, agriculture education, agriculture mechanics, agriculture business management, soil science, animal science, plant science, and horticulture.
- b. Business Technology Education (6-12). Twenty (20) semester credit hours to include coursework in methods of teaching business technology education, accounting, computer and technical applications in business, economics, business communication/writing, finance, marketing, business management, and office procedures. Additional coursework may include entrepreneurship or business law.
- c. Computer Science (6-12). Successful attainment of an institutional recommendation for the Computer Science (6-12) endorsement on a Standard Instructional Certificate, and completion of coursework satisfying Board Policy IV.D.2.k, Computer Science (6-12).
- d. Cybersecurity Technology Education (6-12). Twenty (20) semester credit hours to include coursework or entry-level cybersecurity certifications in methods of teaching cybersecurity, fundamentals of cybersecurity, cyberoperations, offensive security, defense security, forensics, incident response, networking, risk management, cyber- systems thinking, and advanced topics in cybersecurity
- e. Engineering (6-12). Successful attainment of an institutional recommendation for the Engineering (6-12) endorsement on a Standard Instructional Certificate, and completion of coursework satisfying Board Policy IV.D.2.q, Engineering (6-12).
- f. Family and Consumer Sciences (6-12). Thirty (30) semester credit hours to include coursework in methods of teaching family and consumer sciences; foundations of family and consumer sciences; consumer economics and family resources; child/human development; early childhood laboratory or practicum teaching experience; family and interpersonal relationships; food safety; the science of food preparation or culinary arts; lifespan nutrition and wellness; living environments and interior design; and apparel and textiles. Additional coursework may include hospitality and tourism, and entrepreneurship.
- g. Marketing Technology Education (6-12). Twenty (20) semester credit hours to include coursework in methods of teaching marketing technology education, marketing, business management, economics, merchandising/retailing, finance, and accounting. Additional coursework may include entrepreneurship.
- h. Technology Education (6-12). Twenty (20) semester credit hours to include coursework in methods of teaching technology education; communication

technology; computer applications; construction technology; electronics technology; manufacturing technology; power, energy, and transportation; principles of engineering design; and other relevant emerging technologies.

~~5.~~ 9. The following career technical education endorsements awarded prior to July 1, 2020, shall be grandfathered and shall not be awarded after July 1, 2020:

- a. Agricultural Business Management (6-12)
- b. Agricultural Power Machinery (6-12)
- c. Agricultural Production (6-12)
- d. Animal Health and Veterinary Science (6-12)
- e. Aquaculture (6-12)
- f. Business Management/Finance (6-12)
- g. Child Development Care and Guidance (6-12)
- h. Culinary Arts (6-12)
- i. Dietitian (6-12)
- j. Farm and Ranch Management (6-12)
- k. Fashion and Interiors (6-12)
- l. Food Service (6-12)
- m. Horticulture (6-12)
- n. Information/Communication Technology (6-12)
- o. Microcomputer Applications (6-12)
- p. Natural Resource Management (6-12)
- q. Networking and Computer Support (6-12)
- r. Orientation to Health Professions (6-12)
- s. Programming and Web Design (6-12)

10. Professional Development and Recertification

- a. All instructional staff must complete an educator training program or courses approved by the Division. A list of approved career technical educator preparation programs is maintained on the Division website.
- b. All certificate holders must meet professional development requirements established in IDAPA 08.02.02.060. The Division shall evaluate and approve professional development courses subject to the provisions of Section 33-1614, Idaho Code.

~~6. The review and approval of professional development courses subject to the provisions of Section 33-1614, Idaho Code, will be evaluated and approved by the Division.~~

11. Adding Endorsements to Existing Certification

- a. Individuals holding an existing career technical instructional certification may add endorsements by meeting the requirements in IDAPA 08.02.02.021.02, Option IV:
 - i. For endorsement areas closely aligned to an existing endorsement: provide evidence of two hundred (200) or more hours of professional experience, internship, or externship experience

- ii. For endorsement areas not aligned to an existing endorsement on the current certificate: provide evidence of the professional experience hours identified in Table 2
- b. Individuals holding a Standard Instructional Certificate must meet the minimum requirements established in Section 33-2205, Idaho code and use the Alternative Authorization established in IDAPA 08.02.02.042.01 to earn a degree-based certificate or provide evidence of meeting career technical certification requirements and the professional experience hours in Table 2 to earn an industry experience based certificate.

12. Career Technical Education Program Administrator Certification

All secondary and postsecondary career technical education programs must have an administrator holding a current career technical education program administrator certification. Secondary program administrator certification requirements are established in IDAPA 08.02.02.015.04.b. Postsecondary administrator certification requirements are established in the Division's postsecondary credential manual.

13. Three-Year Evaluation Cycle

The Division shall evaluate the impact of these certification requirements on a three (3) year cycle. During the initial three (3) years, data shall be evaluated annually and reported to the Board with any recommendations for amendments. At a minimum, the Division shall evaluate:

a. Student Outcomes

- i. Technical skill attainment and industry-recognized credential attainment rates
- ii. Technical Skills Assessment pass rates
- iii. Pathway standards competency attainment by pathway and instructor entry route (recorded in SkillStack)
- iv. Pathway completion and concentrator-to-completer progression
- v. Postsecondary credit earned through dual credit or credit for prior learning awarded based on SkillStack badges
- vi. Post-program placement in employment, further education, or military service

b. Safety

- i. Reportable laboratory injuries and near-miss reports per thousand student laboratory hours by program area and instructor entry route
- ii. Findings related to laboratory safety identified during program quality review

c. Program Quality

- i. Program quality review ratings and the frequency and type of corrective action
- ii. Technical advisory committee assessment of instructor technical currency on a common instrument
- iii. Employer assessment of graduate preparation in programs served by educators entering under this subsection

d. Educator Workforce

- i. Number of certificates and endorsements issued by tier, entry route, and program area against the prior three (3) year trend
- ii. Retention at one (1), three (3), and five (5) years, by entry route and hours documented at entry
- iii. Progression from Limited to Standard to Advanced Occupational Specialist Certificate

e. Industry Partner/Employer Verification Process

As part of this evaluation cycle, the Division shall use the following process to verify with industry partners and employers that the professional experience hours identified in Table 2 reflect the number of hours of professional experience necessary for an instructor to teach a secondary student the skills employers require in that occupation:

- i. Technical Advisory Committee Review. At least once every three (3) years, the technical advisory committee for each career technical education program area must review the hours identified in Table 2 for the endorsement areas within that program area and report to the Division whether those hours reflect the professional experience necessary for an instructor to teach the applicable program content and performance standards to the level employers expect of an entry-level employee in that occupation.
- ii. Employer Survey. The Division must periodically survey employers who employ program completers, or who otherwise participate in the applicable program area's industry advisory activities, on whether the number of hours identified in Table 2 is adequate to prepare an instructor to teach the skills employers require of an entry-level employee in that occupation.
- iii. Recommended Adjustments. Based on this review and the employer survey, the Division must recommend to the Board any adjustment to the hours identified in Table 2 necessary to align those hours with the professional experience employers report is necessary to teach the applicable program content and performance standards.
- iv. Reconciliation. The Division must consider the employer assessment of graduate preparation collected under Subsection 13.c. of this policy together with this review when determining whether the hours identified in Table 2 remain adequate.

14. Career Technical Educator Degree Based Educator Preparation Programs

Division review and approval of degree-based educator preparation programs and providers are based on programs meeting all Division requirements, the Idaho Core Teaching Standards, and the Idaho Foundation Standards for Career Technical Education along with all applicable state requirements. Reviews for continued approval are based on a seven (7) year review cycle. Programs may be recommended for "Approval," "Conditional Approval," or "Not Recommended for Approval."