Approved Professional Certifications and Associate Degrees for Applicants Seeking a License to Teach Career and Technical Education or Career Pathways

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Note: This document is not an exhaustive list of professional certifications and associate’s degrees. If you have questions about your background and experience, please contact pelsb@state.mn.us.
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Summary

An individual seeking to teach Career and Technical Education (CTE) or career pathways fields can obtain a license, without holding a bachelor's degree, if that individual meet(s) one of three other criteria aligned to the licensure field sought:

1) a professional certification;
2) an Associate's Degree; or
3) 5 years of relevant work experience.

This document contains professional credentials and associate degrees, by licensure field, that have been approved by the Board.

Applicable Licensure Areas

Career-specific licensure fields:
- Communications Technology Careers
- Construction Careers
- Manufacturing Careers
- Medical Careers
- Creative Design Careers
- Early Childhood Careers
- Hospitality Service Careers
- Transportation Careers

Broad-based licensure areas:
- Agriculture Education
- Business
- Family & Consumer Science
- Work-Based Learning

Career Pathway Programs
- Cosmetology
- Law Enforcement
Professional Credentials

Approved professional credentials can be used to demonstrate that you have the necessary knowledge and skills for a particular licensure area. For broad-based licensure areas, multiple professional credentials may be applicable and/or appropriate.

Associate's Degree

Similar to an approved professional credential, an approved associate's degree can be used to demonstrate that you have the necessary knowledge and skills for a particular licensure area. For broad-based licensure areas, multiple degrees may be applicable and/or appropriate.

Acronyms

- CTE: Career and Technical Education
- FACS: Family and Consumer Sciences
- PELSB: Professional Educator Licensing and Standards Board

Review Process

In 2017, state law created a unique pathway to a teaching license for teachers of career and technical education and career pathways. PELSB established a CTE/Career Pathways Subcommittee to provide recommended professional credentials and associate degrees to help support this new pathway. In 2018, these recommendations were adopted. Since then, PELSB’s Licensing Committee reviews new professional credentials and associates degrees on a case-by-case basis.
Broad-Based Licensure Fields
Agricultural Education

Principles of Agribusiness

Professional Certifications
- Certified Crop Specialist
- IRMI (Agribusiness and Farm Insurance Specialist)
- Curriculum for Agricultural Science Education (CASE): (Agricultural Research & Development (ARD) Certification)

Associate's Degrees
- Farm Operations
- Agribusiness Management

Principles of Animal Science

Professional Certifications
- American Registry of Professional Animal Scientists (any certification offered)
- American Association for Laboratory and Animal Science Certification
- Curriculum for Agricultural Science Education (CASE): (Animal Certification or Animal/Plant Biotechnology Certification)

Associate's Degrees
- Farm Operations
- Animal Science
## Principles of Career and Technical Education

### Professional Certifications

- MN Vocational Teaching License
- Completion of Minnesota State Teacher Education Series for postsecondary employment
- Curriculum for Agricultural Science Education - (CASE) Institute Certification

## Principles of Mechanical Systems

### Professional Certifications

- American Welding Society Certification
- Automotive Service Excellence Certification
- National Center of Construction Education & Research (National Craft Assessment & Certification Program)
- National Fire Protection Association (National Electric Code)
- National Inspection Testing Certification
- Curriculum for Agricultural Science Education (CASE): (Mechanical Systems Certification)

### Associate's Degrees

- Welding
- Diesel/Gas Power Technician
- Construction Trades
- Electrical
- HVAC
- Agribusiness Service Technician
### Principles of Plant Science

<table>
<thead>
<tr>
<th>Professional Certifications</th>
<th>Associate's Degrees</th>
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<tbody>
<tr>
<td>- American Society of Agronomy (any certification offered)</td>
<td>- Agronomy</td>
</tr>
<tr>
<td>- American Society for Horticultural Science (Certified Horticulturalist)</td>
<td>- Horticulture</td>
</tr>
<tr>
<td>- Curriculum for Agricultural Science Education (CASE): (Plant Science Certification or Animal &amp; Plant Biotechnology Certification)</td>
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Broad-Based Licensure Fields

**Business**

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### Principles of Business Management

#### Professional Certifications
- Project Management Professional
- Six Sigma Green Belt
- Certified Business Analyst Professional
- Mini Master of Project Management
- Mini MBA

#### Associate's Degrees
- Business
- Business Management
- Business Administration
- Human Resources
- Retail Management

### Principles of Career and Technical Education

#### Professional Certifications
- MN Vocational Teaching License
- Education Series for Postsecondary Education: (CASE Institute Certification)

### Principles of Finance and Accounting

#### Professional Certifications
- Certified Public Accountant
- Accredited Purchasing Practitioner
- Financial Industry Regulatory Authority (FINRA) Series 7
- Certified Management Accountant
- Executive Certificate in Financial Planning

#### Associate's Degrees
- Accounting
- Business & Banking
- Payroll Specialist
Principles of Information Management

Professional Certifications
- CCNA Cisco Certified Network Associate Professional
- Security Professional
- CISA Certified Information System Auditor Engineer
- MCSA - Microsoft Certified Systems Administrator
- CSSLP Certified Secure Software Lifecycle Professional
- CCSP Certified Cloud Security Professional
- GCIA Certified Incident Handler
- GIA Certified Internal Auditor
- CompTIA Security

Associate's Degrees
- Business Office Technology
- Computer Networking
- Web Programming
- Business & Technology
- Cybersecurity

Principles of Marketing

Professional Certifications
- CDMP
- AMA Professional Certified Marketer
- DMA Certified Marketing Professional
- Marketing Management

Associate's Degrees
- Business
- Business Management
- Business Administration
- Marketing
Broad-Based Licensure Fields

Family and Consumer Science

Apparel & Textile Design

Professional Certifications
- ASDP Master Sewing & Design Professional Certification

Associate's Degrees
- Apparel Technology

Career Development

Professional Certifications
- Global Career Development Facilitator

Associate's Degrees
- Human Services

Consumerism/Resource Management

Professional Certifications
- Society for Human Resource Management Certification
- Professional in Human Resources (PHR)

Associate's Degrees
- Retail Management

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# Broad-Based Licensure Fields

## Family and Consumer Science (cont'd)

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### Early Childhood & Education Services

#### Professional Certifications
- State-issued child care provider license
- Council for Professional Recognition Child Development Associate Credential

#### Associate's Degrees
- Early Childhood Education
- Early Childhood and Youth Development
- Elementary Education Foundations
- Education

### Families & Interpersonal Relations

#### Professional Certifications
- National Council on Family Relations (Certified Family Life Educator or Certified Family Therapist)

#### Associate's Degrees
- Human Services
Broad-Based Licensure Fields

Family and Consumer Science
(cont'd)

Food Services, Dietetics, & Nutrition

Professional Certifications
- Culinary Arts diploma
- Culinary Assistant certificate

Associate's Degrees
- Dietetic Technology
- Culinary Arts

Hospitality, Tourism, & Recreation

Professional Certifications
- Hotel Restaurant Management HLC Accredited
- American Hotel and Lodging Educational Institute Certification

Associate's Degrees
- Hospitality Management

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Broad-Based Licensure Fields
Family and Consumer Science
(cont'd)

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Interior Design & Furniture

Professional Certifications
- Kitchen & Bath Design Certificate
- National Council for Interior Design Qualification Certification

Associate's Degrees
- Interior Design
- Residential Interior Design

Management & Maintenance of Facilities

Professional Certifications
- International Facility Management Association Facility Management Professional

Associate's Degrees
- Hospitality Management

Manufacturing & Merchandising

Professional Certifications
- Certificate in Retail Merchandising
- Diploma in Retail Merchandising

Associate's Degrees
- Retail Management
- Apparel Technologies
Principles of Career & Technical Education

Professional Certifications

- MN Vocational Teaching License
- Completion of MN State Teacher Education Series for postsecondary employment
- Curriculum for Agricultural Science (CASE): Institute Certification
Career-Specific Licensure Fields

Communications Technology

Careers

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Professional Certifications

- Networks Administration & Security
- Adobe Certification
- Computer Repair Certification
- Certiport Certification

Associate's Degrees

- Computer Science
- Computer Networking
- Graphic Design
- Graphic Arts
- Interactive Design, Video, Animation
- Video Production
- Audio Production
- Web Programming
- Business & Technology
- Cybersecurity
- CAD
Career-Specific Licensure Fields

Construction Careers

Professional Certifications

- State-Issued Contractor License
- State-Issued Building Inspector License
- National Center for Construction Education & Research: National Craft Assessment & Certification Program

Associate's Degrees

- Construction Management
- Architectural Technology
- Carpentry
- Construction Electrician
- HVAC
Professional Certifications

- Adobe Certified Associate (ACA)
- Certified Professional Photographer (CPP)
- Certified Master Photographer
- Adobe Certified Expert (ACE)
- CIW Web Design Specialist
- W3 HTML 5 Developer
- Certified Professional Webmaster
- Certified Professional Web Developer
- Certified Professional Web Designer

Associate's Degrees

- Graphic Design Technology
- Apparel Technologies
- Graphic Design Technology
- Web Design
- Studio Arts
- Photography
Professional Certifications

- State-Issued Child Care Provider License
- Council for Professional Recognition Child Development Associate Credential

Associate's Degrees

- Childcare & Education
- Early Childhood
Career-Specific Licensure Fields

Hospitality Service Careers

Professional Certifications

- Certified Dietary Manager, Certified Food Protection Professional
- American Culinary Federation Certifications
- Certified Secondary Food Service Educator Certification
- American Hotel & Lodging Educational Institute Hospitality Skills Certification

Associate's Degrees

- Culinary Arts
- Hospitality Management
- Food Sciences
Professional Certifications

- Certified Manufacturing Engineer
- Certified Production Technician (CPT)
- American Welding Society (AWS) Certified Welding Inspector
- National Institute of Metalworking Skills (NIMS) Certified Instructor
- NIMS Standards-based Credentials
- Manufacturing Skills Standards Council (MSSC) CPT Certified Production Technician
- American Society of Quality Certification
- Leadership in Energy & Environmental Design Certification
- Association for Supply Chain Management Certifications (CPIM, CSCP, CLTD)
- Tool and Die Machinist
- Moldmaker

Associate's Degrees

- Manufacturing Operations Management
- Manufacturing and Industrial Technology
- Plastics Technology
- Advanced Manufacturing Technology
- Welding Technology
- Machine Tool Technology
- CNC Machinist
Professional Certifications

- Licensed Practical Nurse
- Registered Nurse
- Licensed Dental Hygienist
- Certified Emergency Medical Technician
- Licensed Medical Technician (any area)
- Certified Athletic Trainer
- Licensed Firefighter
- Registered Radiology Technician
- Certified Health Unit Coordinator
- Emergency Medical Responder
- DOT EMS Instructor License
- Certified Physical Therapy Assistant
- Certified Occupational Therapy Assistant

Associate’s Degrees

- Nursing
- Biological Services
- Dental Assisting
- Cardiovascular Technology
- Medical Assistant
- Pharmacy Technology
- Phlebotomy Technician
- Radiologic Technology
- Surgical Technology
- Respiratory Therapy

- Paramedic
- Health Information Technology
- Physical Therapy Assistant
- Occupational Therapy
Career-Specific Licensure Fields

Transportation Careers

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Professional Certifications

- Automotive Service Excellence (ASE) Certification
- FAA Pilot (Commercial, Private, Remote)

Associate's Degrees

- Automotive Service Technology
- Diesel Equipment Technology
- Aviation
- Marine Technologies
- Aviation Maintenance (AMT)
- Autobody & Chassis Technician
- Autobody Technology
- Aviation Mechanic
- Aviation Maintenance Technician Program
- Powersports/Small Engine Technology
- Collison Repair Technology
Career Pathways

Cosmetology

Professional Certifications

- State-Issued Cosmetology License
- State-Issued Barbering License
- State-Issued Esthetician License
- State-Issued School Manager License

Associate's Degrees

- Cosmetology
- Barbering
Career Pathways
Law Enforcement

Professional Certifications

- State-Issued Law Enforcement License (Licensed Peace Officer)

Associate's Degrees

- Criminal Justice
- Law Enforcement
- Cybersecurity, Virtualization, and Forensics