

Career Technical Education Clusters and Pathways
Routes to Endorsements: Credential, Experience, Test and Other

	State or National Industry Credential	Experience	Test	Other
Agriculture Food and Natural Resources				
AFNR Cluster ARSD 24:28:19:17 ARSD 24:28:20:20 ARSD 24:28:21:21 ARSD 24:28:22:21 ARSD 24:28:23:17 ARSD 24:28:24:17 ARSD 24:28:25:17	NA	NA	Passage of the state-designated content test	Completion of Completion of state-designated coursework
Agribusiness Pathway ARSD 24:28:19:18 ARSD 24:28:20:21 ARSD 24:28:21:22 ARSD 24:28:22:22 ARSD 24:28:23:18 ARSD 24:28:24:18 ARSD 24:28:25:18	NA	4,000 hours of validated work experience in a related field within the previous five years	Passage of the state-designated content test	Completion of state-designated coursework
Animals Systems Pathway ARSD 24:28:19:18 ARSD 24:28:20:21 ARSD 24:28:21:22 ARSD 24:28:22:22 ARSD 24:28:23:18 ARSD 24:28:24:18 ARSD 24:28:25:18	NA	4,000 hours of validated work experience in a related field within the previous five years	Passage of the state-designated content test	Completion of state-designated coursework
CASE Pathway ARSD 24:28:19:11 ARSD 24:28:20:14	NA	NA	NA	Completion of a state-approved national certification training in

	State or National Industry Credential	Experience	Test	Other
ARSD 24:28:21:15 ARSD 24:28:22:15 ARSD 24:28:23:11 ARSD 24:28:24:11 ARSD 24:28:25:11				curriculum for agriculture science education
Food Products and Processing Pathway ARSD 24:28:19:18 ARSD 24:28:20:21 ARSD 24:28:21:22 ARSD 24:28:22:22 ARSD 24:28:23:18 ARSD 24:28:24:18 ARSD 24:28:25:18	NA	4,000 hours of validated work experience in a related field within the previous five years	Passage of the state-designated content test	Completion of state-designated coursework
Natural Resources and Environmental Service Pathway ARSD 24:28:19:15 ARSD 24:28:20:18 ARSD 24:28:21:19 ARSD 24:28:22:19 ARSD 24:28:23:15 ARSD 24:28:24:15 ARSD 24:28:25:15	NA	4,000 hours of validated work experience in a related field within the previous five years	NA	Completion of state-designated coursework
Plant Systems Pathway ARSD 24:28:19:18 ARSD 24:28:20:21 ARSD 24:28:21:22 ARSD 24:28:22:22 ARSD 24:28:23:18 ARSD 24:28:24:18 ARSD 24:28:25:18	NA	4,000 hours of validated work experience in a related field within the previous five years	Passage of the state-designated content test	Completion of state-designated coursework

	State or National Industry Credential	Experience	Test	Other
Power Structural and Technical Systems Pathway ARSD 24:28:19:18 ARSD 24:28:20:21 ARSD 24:28:21:22 ARSD 24:28:22:22 ARSD 24:28:23:18 ARSD 24:28:24:18 ARSD 24:28:25:18	NA	4,000 hours of validated work experience in a related field within the previous five years	Passage of the state-designated content test	Completion of state-designated coursework
Architecture and Construction				
A & C Cluster ARSD 24:28:19:17 ARSD 24:28:20:20 ARSD 24:28:21:21 ARSD 24:28:22:21 ARSD 24:28:23:17 ARSD 24:28:24:17 ARSD 24:28:25:17	NA	NA	Passage of the state-designated content test	Completion of state-designated coursework
Design and Pre-Construction Pathway ARSD 24:28:19:18 ARSD 24:28:20:21 ARSD 24:28:21:22 ARSD 24:28:22:22 ARSD 24:28:23:18 ARSD 24:28:24:18 ARSD 24:28:25:18	NA	4,000 hours of validated work experience in a related field within the previous five years	Passage of the state-designated content test	Completion of state-designated coursework

	State or National Industry Credential	Experience	Test	Other
Construction Pathway ARSD 24:28:19:18 ARSD 24:28:20:21 ARSD 24:28:21:22 ARSD 24:28:22:22 ARSD 24:28:23:18 ARSD 24:28:24:18 ARSD 24:28:25:18	NA	4,000 hours of validated work experience in a related field within the previous five years	Passage of the state-designated content test	Completion of state-designated coursework
Arts, A/V Technology & Communications				
Arts, A/V & C Cluster ARSD 24:28:19:17 ARSD 24:28:20:20 ARSD 24:28:21:21 ARSD 24:28:22:21 ARSD 24:28:23:17 ARSD 24:28:24:17 ARSD 24:28:25:17	NA	NA	Passage of the state-designated content test	Completion of state-designated coursework
Audio Video Technology and Film Pathway ARSD 24:28:19:22 ARSD 24:28:20:25 ARSD 24:28:21:26 ARSD 24:28:22:26 ARSD 24:28:23:22 ARSD 24:28:24:22 ARSD 24:28:25:22	NA	4,000 hours of validated work experience in a related field within the previous five years	Passage of the state-designated content test	Completion of an associate degree or higher a related field OR Completion of state-designated coursework
Journalism and Broadcasting Pathway ARSD 24:28:19:22 ARSD 24:28:20:25	NA	4,000 hours of validated work experience in a related field within the previous five years	Passage of the state-designated content test	Completion of an associate degree or higher a related field OR

	State or National Industry Credential	Experience	Test	Other
ARSD 24:28:21:26 ARSD 24:28:22:26 ARSD 24:28:23:22 ARSD 24:28:24:22 ARSD 24:28:25:22				Completion of state-designated coursework
Visual Arts Pathway ARSD 24:28:19:22 ARSD 24:28:20:25 ARSD 24:28:21:26 ARSD 24:28:22:26 ARSD 24:28:23:22 ARSD 24:28:24:22 ARSD 24:28:25:22	NA	4,000 hours of validated work experience in a related field within the previous five years	Passage of the state-designated content test	Completion of an associate degree or higher a related field OR Completion of state-designated coursework
Business Management and Administration				
BM & A Cluster ARSD 24:28:19:17 ARSD 24:28:20:20 ARSD 24:28:21:21 ARSD 24:28:22:21 ARSD 24:28:23:17 ARSD 24:28:24:17 ARSD 24:28:25:17	NA	NA	Passage of the state-designated content test	Completion of state-designated coursework
Accounting Pathway ARSD 24:28:19:18 ARSD 24:28:20:21 ARSD 24:28:21:22 ARSD 24:28:22:22 ARSD 24:28:23:18 ARSD 24:28:24:18 ARSD 24:28:25:18	NA	4,000 hours of validated work experience in a related field within the previous five years	Passage of the state-designated content test	Completion of state-designated coursework

	State or National Industry Credential	Experience	Test	Other
Banking Services and Business Finance Pathway ARSD 24:28:19:18 ARSD 24:28:20:21 ARSD 24:28:21:22 ARSD 24:28:22:22 ARSD 24:28:23:18 ARSD 24:28:24:18 ARSD 24:28:25:18	NA	4,000 hours of validated work experience in a related field within the previous five years	Passage of the state-designated content test	Completion of state-designated coursework
Business Marketing and Management Pathway ARSD 24:28:19:18 ARSD 24:28:20:21 ARSD 24:28:21:22 ARSD 24:28:22:22 ARSD 24:28:23:18 ARSD 24:28:24:18 ARSD 24:28:25:18	NA	4,000 hours of validated work experience in a related field within the previous five years	Passage of the state-designated content test	Completion of state-designated coursework
Education and Training				
E & T Cluster ARSD 24:28:19:18 ARSD 24:28:20:21 ARSD 24:28:21:22 ARSD 24:28:22:22 ARSD 24:28:23:18 ARSD 24:28:24:18 ARSD 24:28:25:18	NA	4,000 hours of validated work experience in a related field within the previous five years	Passage of the state-designated content test	Completion of state-designated coursework
Early Childhood Development Pathway ARSD 24:28:19:10 ARSD 24:28:20:21	NA	4,000 hours of validated work experience in a related field within the previous five years	Passage of the state-designated content test	Completion of state-designated coursework

	State or National Industry Credential	Experience	Test	Other
ARSD 24:28:21:22 ARSD 24:28:22:22 ARSD 24:28:23:18 ARSD 24:28:24:10 ARSD 24:28:25:18				
Family and Consumer Science				
FACS Cluster ARSD 24:28:19:17 ARSD 24:28:20:20 ARSD 24:28:21:21 ARSD 24:28:22:21 ARSD 24:28:23:17 ARSD 24:28:24:17 ARSD 24:28:25:17	NA	NA	Passage of the state-designated content test	Completion of state-designated coursework
Finance				
Finance Cluster ARSD 24:28:19:17 ARSD 24:28:20:20 ARSD 24:28:21:21 ARSD 24:28:22:21 ARSD 24:28:23:17 ARSD 24:28:24:17 ARSD 24:28:25:17	NA	NA	Passage of the state-designated content test	Completion of state-designated coursework
Accounting Pathway ARSD 24:28:19:18 ARSD 24:28:20:21 ARSD 24:28:21:22 ARSD 24:28:22:22 ARSD 24:28:23:18 ARSD 24:28:24:18 ARSD 24:28:25:18	NA	4,000 hours of validated work experience in a related field within the previous five years	Passage of the state-designated content test	Completion of state-designated coursework

	State or National Industry Credential	Experience	Test	Other
Banking Services and Business Finance Pathway ARSD 24:28:19:18 ARSD 24:28:20:21 ARSD 24:28:21:22 ARSD 24:28:22:22 ARSD 24:28:23:18 ARSD 24:28:24:18 ARSD 24:28:25:18	NA	4,000 hours of validated work experience in a related field within the previous five years	Passage of the state-designated content test	Completion of state-designated coursework
Insurance Securities and Investments Pathway ARSD 24:28:19:18 ARSD 24:28:20:21 ARSD 24:28:21:22 ARSD 24:28:22:22 ARSD 24:28:23:18 ARSD 24:28:24:18 ARSD 24:28:25:18	NA	4,000 hours of validated work experience in a related field within the previous five years	Passage of the state-designated content test	Completion of state-designated coursework
Sales, Merchandising, and Marketing Research Pathway ARSD 24:28:19:18 ARSD 24:28:20:21 ARSD 24:28:21:22 ARSD 24:28:22:22 ARSD 24:28:23:18 ARSD 24:28:24:18 ARSD 24:28:25:18	NA	4,000 hours of validated work experience in a related field within the previous five years	Passage of the state-designated content test	Completion of state-designated coursework

	State or National Industry Credential	Experience	Test	Other
Government and Public Administration				
GPA Cluster ARSD 24:28:19:18 ARSD 24:28:20:21 ARSD 24:28:21:22 ARSD 24:28:22:22 ARSD 24:28:23:18 ARSD 24:28:24:18 ARSD 24:28:25:18	NA	4,000 hours of validated work experience in a related field within the previous five years	Passage of the state-designated content test	Completion of state-designated coursework
Health Science				
Health Science Cluster ARSD 24:28:19:12 ARSD 24:28:20:15 ARSD 24:28:21:16 ARSD 24:28:22:16 ARSD 24:28:23:12 ARSD 24:28:24:12 ARSD 24:28:25:12	Licensure, certification, or registration by a nationally-recognized accrediting agency as a health professional practitioner	NA	NA	Completion of state-designated coursework
Diagnostic Services Pathway ARSD 24:28:19:20 ARSD 24:28:20:23 ARSD 24:28:21:24 ARSD 24:28:22:24 ARSD 24:28:23:20 ARSD 24:28:24:20 ARSD 24:28:25:20	Current licensure or certification by a nationally-recognized accrediting agency as a health professional practitioner	4,000 hours of validated work experience in a related field within the previous five years	NA	Completion of state-designated coursework
PLTW Biomedical Science Pathway ARSD 24:28:19:19 ARSD 24:28:20:22	NA	NA	NA	Completion of the department-approved national certification training program

	State or National Industry Credential	Experience	Test	Other
ARSD 24:28:21:23 ARSD 24:28:22:23 ARSD 24:28:23:19 ARSD 24:28:24:19 ARSD 24:28:25:19				
Therapeutic and Support Services Pathway ARSD 24:28:19:16 ARSD 24:28:20:19 ARSD 24:28:21:20 ARSD 24:28:22:20 ARSD 24:28:23:16 ARSD 24:28:24:16 ARSD 24:28:25:16	Current licensure or certification by a nationally-recognized accrediting agency as a health professional practitioner	4,000 hours of validated work experience in a related field within the previous five years	Passage of the state-designated content test	Completion of state-designated coursework
Hospitality and Tourism				
H & T Cluster ARSD 24:28:19:17 ARSD 24:28:20:20 ARSD 24:28:21:21 ARSD 24:28:22:21 ARSD 24:28:23:17 ARSD 24:28:24:17 ARSD 24:28:25:17	NA	NA	Passage of the state-designated content test	Completion of state-designated coursework
Restaurant and Food Service Management Pathway ARSD 24:28:19:18 ARSD 24:28:20:21 ARSD 24:28:21:22 ARSD 24:28:22:22	NA	4,000 hours of validated work experience in a related field within the previous five years	Passage of the state-designated content test	Completion of state-designated coursework

	State or National Industry Credential	Experience	Test	Other
ARSD 24:28:23:18 ARSD 24:28:24:18 ARSD 24:28:25:18				
Travel and Tourism Pathway ARSD 24:28:19:18 ARSD 24:28:20:21 ARSD 24:28:21:22 ARSD 24:28:22:22 ARSD 24:28:23:18 ARSD 24:28:24:18 ARSD 24:28:25:18	NA	4,000 hours of validated work experience in a related field within the previous five years	Passage of the state-designated content test	Completion of state-designated coursework
Human Services				
Human Services Cluster ARSD 24:28:19:17 ARSD 24:28:20:20 ARSD 24:28:21:21 ARSD 24:28:22:21 ARSD 24:28:23:17 ARSD 24:28:24:17 ARSD 24:28:25:17	NA	NA	Passage of the state-designated content test	Completion of state-designated coursework
Early Childhood Development Pathway ARSD 24:28:19:10 ARSD 24:28:20:21 ARSD 24:28:21:22 ARSD 24:28:22:22 ARSD 24:28:23:18 ARSD 24:28:24:10 ARSD 24:28:25:18	NA	4,000 hours of validated work experience in a related field within the previous five years	Passage of the state-designated content test	Completion of state-designated coursework

	State or National Industry Credential	Experience	Test	Other
Consumer Services Pathway ARSD 24:28:19:18 ARSD 24:28:20:21 ARSD 24:28:21:22 ARSD 24:28:22:22 ARSD 24:28:23:18 ARSD 24:28:24:18 ARSD 24:28:25:18	NA	4,000 hours of validated work experience in a related field within the previous five years	Passage of the state-designated content test	Completion of state-designated coursework
Counseling, Mental Health, and Community Services Pathway ARSD 24:28:19:20 ARSD 24:28:20:23 ARSD 24:28:21:24 ARSD 24:28:22:24 ARSD 24:28:23:20 ARSD 24:28:24:20 ARSD 24:28:25:20	Current licensure or certification by a nationally-recognized accrediting agency as a health professional practitioner	4,000 hours of validated work experience in a related field within the previous five years	NA	Completion of state-designated coursework
Information Technology				
IT Cluster ARSD 24:28:19:17 ARSD 24:28:20:20 ARSD 24:28:21:21 ARSD 24:28:22:21 ARSD 24:28:23:17 ARSD 24:28:24:17 ARSD 24:28:25:17	NA	NA	Passage of the state-designated content test	Completion of state-designated coursework
Networking Systems and Information Support Pathway	NA	4,000 hours of validated work experience in a related field within the previous five years	Passage of the state-designated content test	Completion of state-designated coursework

	State or National Industry Credential	Experience	Test	Other
ARSD 24:28:19:18 ARSD 24:28:20:21 ARSD 24:28:21:22 ARSD 24:28:22:22 ARSD 24:28:23:18 ARSD 24:28:24:18 ARSD 24:28:25:18				
PLTW Computer Science Pathway ARSD 24:28:19:19 ARSD 24:28:20:22 ARSD 24:28:21:23 ARSD 24:28:22:23 ARSD 24:28:23:19 ARSD 24:28:24:19 ARSD 24:28:25:19	NA	NA		Completion of the department- approved national certification training program
Programming and Software Development Pathway ARSD 24:28:19:18 ARSD 24:28:20:21 ARSD 24:28:21:22 ARSD 24:28:22:22 ARSD 24:28:23:18 ARSD 24:28:24:18 ARSD 24:28:25:18	NA	4,000 hours of validated work experience in a related field within the previous five years	Passage of the state- designated content test	Completion of state-designated coursework
Web and Digital Communications Pathway ARSD 24:28:19:18 ARSD 24:28:20:21 ARSD 24:28:21:22	NA	4,000 hours of validated work experience in a related field within the previous five years	Passage of the state- designated content test	Completion of state-designated coursework

State or National Industry Credential	Experience	Test	Other
ARSD 24:28:22:22 ARSD 24:28:23:18 ARSD 24:28:24:18 ARSD 24:28:25:18			
Law, Public Safety, Corrections & Security			
L, PS, C, & S Cluster ARSD 24:28:19:13 ARSD 24:28:20:16 ARSD 24:28:21:17 ARSD 24:28:22:17 ARSD 24:28:23:13 ARSD 24:28:24:13 ARSD 24:28:25:13	Certification as a law enforcement officer	4,000 hours of validated work experience in a related field within the previous five years	Passage of the state- designated content test Completion of state-required coursework
Manufacturing			
Manufacturing Cluster ARSD 24:28:19:14 ARSD 34:28:20:17 ARSD 24:28:21:18 ARSD 24:28:22:18 ARSD 24:28:23:14 ARSD 24:28:24:14 ARSD 24:28:25:14	NA	NA	Passage of the state- designated content test Completion of an associate degree (or higher) in a related field OR Completion of state-required coursework
Welding and Precision Machining Pathway ARSD 24:28:19:18 ARSD 24:28:20:21 ARSD 24:28:21:22 ARSD 24:28:22:22 ARSD 24:28:23:18 ARSD 24:28:24:18 ARSD 24:28:25:18	NA	4,000 hours of validated work experience in a related field within the previous five years	Passage of the state- designated content test Completion of state-designated coursework

	State or National Industry Credential	Experience	Test	Other
Marketing Sales & Service				
M S, & S Cluster ARSD 24:28:19:17 ARSD 24:28:20:20 ARSD 24:28:21:21 ARSD 24:28:22:21 ARSD 24:28:23:17 ARSD 24:28:24:17 ARSD 24:28:25:17	NA	NA	Passage of the state-designated content test	Completion of state-designated coursework
Business Marketing and Management Pathway ARSD 24:28:19:18 ARSD 24:28:20:21 ARSD 24:28:21:22 ARSD 24:28:22:22 ARSD 24:28:23:18 ARSD 24:28:24:18 ARSD 24:28:25:18	NA	4,000 hours of validated work experience in a related field within the previous five years	Passage of the state-designated content test	Completion of state-designated coursework
Sales, Merchandising, and Marketing Research Support Pathway ARSD 24:28:19:18 ARSD 24:28:20:21 ARSD 24:28:21:22 ARSD 24:28:22:22 ARSD 24:28:23:18 ARSD 24:28:24:18 ARSD 24:28:25:18	NA	4,000 hours of validated work experience in a related field within the previous five years	Passage of the state-designated content test	Completion of state-designated coursework

Science, Technology, Engineering & Mathematics	State or National Industry Credential	Experience	Test	Other
STEM Cluster ARSD 24:28:19:17 ARSD 24:28:20:20 ARSD 24:28:21:21 ARSD 24:28:22:21 ARSD 24:28:23:17 ARSD 24:28:24:17 ARSD 24:28:25:17	NA	NA	Passage of the state-designated content test	Completion of state-designated coursework
Aviation Pathway ARSD 24:28:19:21 ARSD 24:28:20:24 ARSD 24:28:21:25 ARSD 24:28:22:25 ARSD 24:28:23:21 ARSD 24:28:24:21 ARSD 24:28:25:21	NA	4,000 hours of validated work experience in a related field within the previous five years	NA	Completion of an associate degree or higher in a related field OR Completion of state-designated coursework
Energy Pathway ARSD 24:28:19:21 ARSD 24:28:20:24 ARSD 24:28:21:25 ARSD 24:28:22:25 ARSD 24:28:23:21 ARSD 24:28:24:21 ARSD 24:28:25:21	NA	4,000 hours of validated work experience in a related field within the previous five years	NA	Completion of an associate degree or higher in a related field OR Completion of state-designated coursework
Engineering and Robotics Pathway ARSD 24:28:19:21 ARSD 24:28:20:24 ARSD 24:28:21:25	NA	4,000 hours of validated work experience in a related field within the previous five years	NA	Completion of an associate degree or higher in a related field OR Completion of state-designated coursework

	State or National Industry Credential	Experience	Test	Other
ARSD 24:28:22:25 ARSD 24:28:23:21 ARSD 24:28:24:21 ARSD 24:28:25:21				
PLTW Engineering Pathway ARSD 24:28:19:19 ARSD 24:28:20:22 ARSD 24:28:21:23 ARSD 24:28:22:23 ARSD 24:28:23:19 ARSD 24:28:24:19 ARSD 24:28:25:19	NA	NA		Completion of the department- approved national certification training program
Transportation, Distribution & Logistics				
T, D, and L Cluster ARSD 24:28:19:17 ARSD 24:28:20:20 ARSD 24:28:21:21 ARSD 24:28:22:21 ARSD 24:28:23:17 ARSD 24:28:24:17 ARSD 24:28:25:17	NA	NA	Passage of the state- designated content test	Completion of state-designated coursework
Auto Body Technology Pathway ARSD 24:28:19:22 ARSD 24:28:20:25 ARSD 24:28:21:26 ARSD 24:28:22:26 ARSD 24:28:23:22 ARSD 24:28:24:22 ARSD 24:28:25:22	NA	4,000 hours of validated work experience in a related field within the previous five years	Passage of the state- designated content test	Completion of an associate degree or higher in a related field OR Completion of state-designated coursework

	State or National Industry Credential	Experience	Test	Other
Automotive Technology Pathway ARSD 24:28:19:22 ARSD 24:28:20:25 ARSD 24:28:21:26 ARSD 24:28:22:26 ARSD 24:28:23:22 ARSD 24:28:24:22 ARSD 24:28:25:22	NA	4,000 hours of validated work experience in a related field within the previous five years	Passage of the state-designated content test	Completion of an associate degree or higher in a related field OR Completion of state-designated coursework

When adding a CTE endorsement associated with the above rules, additional requirements may include successful completion of a 2-credit CTE Methods course and/or state-designated pedagogy test, depending on preparation: early childhood, elementary, secondary, carer and technical, kindergarten through grade twelve, special education – early childhood, and/or special education – kindergarten through grade twelve.

One-year CTE Instructor Educator Permit ARSD 24:28:09:55 SDCL 13-42-3.2				
Accounting career pathway	A national or state certification in a related CTE field	At least two thousand hours of work experience in a related CTE field	An associate of applied science degree or higher	
Agribusiness career pathway	A national or state certification in a related CTE field	At least two thousand hours of work experience in a related CTE field	An associate of applied science degree or higher	
Animal systems career pathway	A national or state certification in a related CTE field	At least two thousand hours of work experience in a related CTE field	An associate of applied science degree or higher	
Audio-video technology and film career pathway;	A national or state certification in a related CTE field	At least two thousand hours of work experience in a related CTE field	An associate of applied science degree or higher	
Auto body technology career pathway;	A national or state certification in a related CTE field	At least two thousand hours of work experience in a related CTE field	An associate of applied science degree or higher	
Automotive technology career pathway	A national or state certification in a related CTE field	At least two thousand hours of work experience in a related CTE field	An associate of applied science degree or higher	
Aviation career pathway	A national or state certification in a related CTE field	At least two thousand hours of work experience in a related CTE field	An associate of applied science degree or higher	

	State or National Industry Credential	Experience	Test	Other
Banking services and business finance career pathway	A national or state certification in a related CTE field	At least two thousand hours of work experience in a related CTE field	An associate of applied science degree or higher	
Business marketing and management career pathway	A national or state certification in a related CTE field	At least two thousand hours of work experience in a related CTE field	An associate of applied science degree or higher	
Construction career pathway	A national or state certification in a related CTE field	At least two thousand hours of work experience in a related CTE field	An associate of applied science degree or higher	
Consumer services career pathway	A national or state certification in a related CTE field	At least two thousand hours of work experience in a related CTE field	An associate of applied science degree or higher	
Counseling, mental health, and community services career pathway	A national or state certification in a related CTE field	At least two thousand hours of work experience in a related CTE field	An associate of applied science degree or higher	
Design and pre-construction career pathway	A national or state certification in a related CTE field	At least two thousand hours of work experience in a related CTE field	An associate of applied science degree or higher	
Diagnostic services career pathway	A national or state certification in a related CTE field	At least two thousand hours of work experience in a related CTE field	An associate of applied science degree or higher	
Early childhood development career pathway	A national or state certification in a related CTE field	At least two thousand hours of work experience in a related CTE field	An associate of applied science degree or higher	
Energy career pathway	A national or state certification in a related CTE field	At least two thousand hours of work experience in a related CTE field	An associate of applied science degree or higher	
Engineering and robotics career pathway	A national or state certification in a related CTE field	At least two thousand hours of work experience in a related CTE field	An associate of applied science degree or higher	
Food products and processing career pathway	A national or state certification in a related CTE field	At least two thousand hours of work experience in a related CTE field	An associate of applied science degree or higher	
Insurance, securities, and investments career pathway	A national or state certification in a related CTE field	At least two thousand hours of work experience in a related CTE field	An associate of applied science degree or higher	
Journalism and broadcasting career pathway	A national or state certification in a related CTE field	At least two thousand hours of work experience in a related CTE field	An associate of applied science degree or higher	

	State or National Industry Credential	Experience	Test	Other
Natural resources and environmental services career pathway	A national or state certification in a related CTE field	At least two thousand hours of work experience in a related CTE field	An associate of applied science degree or higher	
Networking systems and information support career pathway	A national or state certification in a related CTE field	At least two thousand hours of work experience in a related CTE field	An associate of applied science degree or higher	
Plant systems career pathway	A national or state certification in a related CTE field	At least two thousand hours of work experience in a related CTE field	An associate of applied science degree or higher	
Power structural and technical systems career pathway	A national or state certification in a related CTE field	At least two thousand hours of work experience in a related CTE field	An associate of applied science degree or higher	
Programming and software development career pathway	A national or state certification in a related CTE field	At least two thousand hours of work experience in a related CTE field	An associate of applied science degree or higher	
Restaurant and food service management career pathway	A national or state certification in a related CTE field	At least two thousand hours of work experience in a related CTE field	An associate of applied science degree or higher	
Sales, merchandising, and marketing research support career pathway	A national or state certification in a related CTE field	At least two thousand hours of work experience in a related CTE field	An associate of applied science degree or higher	
Therapeutic and support services career pathway	A national or state certification in a related CTE field	At least two thousand hours of work experience in a related CTE field	An associate of applied science degree or higher	
Travel and tourism career pathway	A national or state certification in a related CTE field	At least two thousand hours of work experience in a related CTE field	An associate of applied science degree or higher	
Visual arts career pathway	A national or state certification in a related CTE field	At least two thousand hours of work experience in a related CTE field	An associate of applied science degree or higher	
Web and digital communications career pathway	A national or state certification in a related CTE field	At least two thousand hours of work experience in a related CTE field	An associate of applied science degree or higher	
Welding and precision machining career pathway	A national or state certification in a related CTE field	At least two thousand hours of work experience in a related CTE field	An associate of applied science degree or higher	

A CTE career pathway endorsement above may only be added to the one-year CTE educator permit if the applicant meets the requirements of § [24:28:09:53](#) for the endorsement.