

Valid Credentials: General Rules

Introduction

This document is designed to assist districts in implementing the requirements and in ensuring that PreK-12 educators are assigned to classes they are validly credentialed to teach. It identifies the credentials required for teaching specific courses. Teachers are to hold one of the credentials identified in this document for each course they teach.

Elementary Credentials

Courses in the elementary grade range, other than PE, do not appear in this document, because a general rule for elementary credentials applies to all such courses. The general rule for elementary credentials, including Kindergarten-Primary (KP), Kindergarten-Elementary (KE), Elementary (EL), Early Childhood (EC), Primary (PF), and endorsements extending the grade range of EC credentials, allows the teachers who hold these credentials to teach any course within the relevant grade range. An exception to this rule is for those initially hired on or after July 1, 2013, to teach physical education. These teachers must be licensed in PE and are included in this document.

Community School Courses

Courses that are taught at a community school, with the exception of special education courses, can be taught by an educator who holds any valid teaching credential including substitute teaching licenses.

Special Education

For courses with student populations SE or SP, any teacher holding an education of the handicapped certificate (EH) or an intervention specialist license (PI, IL or ES) can teach students—at the grade levels for which the teacher is certificated or licensed—with any disability.*

*Exceptions:

1. Any SE or SP course that is comprised of all deaf or hard of hearing students must be taught by someone certificated or licensed to teach deaf or hard of hearing students. This includes the following:
 - EH 196010, 196015, 196070 (grades K-12)
 - IL 196116 (grades P-12)
2. Any SE or SP course that is comprised of all visually impaired students must be taught by someone certificated or licensed to teach visually impaired students. This includes the following:
 - EH 196110 (grades K-12)
 - IL 196109 (grades P-12)

Job Training Coordinating

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
990361 - Entrepreneurship Skills (Career Technical)	CT - Career Technical (4-12)	140200 - Business Information Systems		4 - 12
	CT - Career Technical (4-12)	171802 - Manufacturing Engineering Technology		4 - 12
	CT - Career Technical (4-12)	070303 - Nurse Assisting		4 - 12
	CT - Career Technical (4-12)	170301 - Auto Collision Repair		4 - 12
	CT - Career Technical (4-12)	171007 - Plumbing and Pipefitting		4 - 12
	CT - Career Technical (4-12)	170302 - Automotive Technology		4 - 12
	CT - Career Technical (4-12)	090203 - Culinary Arts and Food Service Management		4 - 12
	CT - Career Technical (4-12)	172306 - Welding and Cutting		4 - 12
	CT - Career Technical (4-12)	140550 - Integrated Business		4 - 12
	CT - Career Technical (4-12)	171809 - Engineering Technologies-Product/Service		4 - 12
	CT - Career Technical (4-12)	070904 - Medical Assisting		4 - 12
	CT - Career Technical (4-12)	171003 - Heavy Equipment		4 - 12
	CT - Career Technical (4-12)	170900 - Commercial Photography Occupations		4 - 12
	CT - Career Technical (4-12)	074850 - Biotechnology		4 - 12
	CT - Career Technical (4-12)	010400 - Food Science		4 - 12
	CT - Career Technical (4-12)	171807 - Engineering Technologies-Design		4 - 12
	CT - Career Technical (4-12)	074820 - Diagnostic Pathway		4 - 12
	CT - Career Technical (4-12)	041900 - Acquisition and Logistics		4 - 12
	CT - Career Technical (4-12)	171900 - Graphic Occupations		4 - 12
	CT - Career Technical (4-12)	172305 - Sheet Metal Fabrication		4 - 12
	CT - Career Technical (4-12)	140370 - Medical Office Management		4 - 12
	CT - Career Technical (4-12)	070203 - Medical Lab Assisting		4 - 12
	CT - Career Technical (4-12)	010104 - Production Agriculture		4 - 12
	CT - Career Technical (4-12)	170600 - Business Machine Maintenance		4 - 12
	CT - Career Technical (4-12)	170200 - Appliance Repair		4 - 12
	CT - Career Technical (4-12)	170400 - Aviation Occupations		4 - 12
	CT - Career Technical (4-12)	140800 - Business Administration & Management		4 - 12
	CT - Career Technical (4-12)	172808 - Private Security		4 - 12
	CT - Career Technical (4-12)	171402 - Power Transmission		4 - 12
	CT - Career Technical (4-12)	010100 - Agriscience		4 - 12
	CT - Career Technical (4-12)	041118 - Travel and Tourism Marketing		4 - 12
	CT - Career Technical (4-12)	010191 - Zoo Animal Production and Care		4 - 12
	CT - Career Technical (4-12)	171808 - Engineering Technologies-Process		4 - 12
	CT - Career Technical (4-12)	070912 - Pharmacy Assisting		4 - 12
	CT - Career Technical (4-12)	074890 - Health Informatics		4 - 12
	CT - Career Technical (4-12)	079950 - Practical Nurse Coordinator		4 - 12
	CT - Career Technical (4-12)	171002 - Electrical Trades		4 - 12
	CT - Career Technical (4-12)	040800 - Marketing		4 - 12
	CT - Career Technical (4-12)	074830 - Therapeutic Pathway		4 - 12
	CT - Career Technical (4-12)	170700 - Commercial Art Occupations		4 - 12
	CT - Career Technical (4-12)	173601 - Millwork and Cabinet Making		4 - 12
	CT - Career Technical (4-12)	010600 - Natural Resources		4 - 12
	CT - Career Technical (4-12)	172602 - Cosmetology		4 - 12
	CT - Career Technical (4-12)	172304 - Heavy Metal Fabrication		4 - 12
	CT - Career Technical (4-12)	172809 - Fundamentals of Public Safety		4 - 12
CT - Career Technical (4-12)	090205 - Hotels and Resorts		4 - 12	
CT - Career Technical (4-12)	070305 - Surgical Technology		4 - 12	
CT - Career Technical (4-12)	040840 - Sports Marketing		4 - 12	
CT - Career Technical (4-12)	172000 - Chemical Laboratory Assisting		4 - 12	
CT - Career Technical (4-12)	170401 - Aircraft Maintenance		4 - 12	
CT - Career Technical (4-12)	040810 - Marketing Management		4 - 12	
CT - Career Technical (4-12)	170403 - Ground Operations		4 - 12	

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
990361 - Entrepreneurship Skills (Career Technical)	CT - Career Technical (4-12)	070410 - Fitness Aide		4 - 12
	CT - Career Technical (4-12)	010101 - Animal Production		4 - 12
	CT - Career Technical (4-12)	040820 - E-Commerce Marketing		4 - 12
	CT - Career Technical (4-12)	070603 - Optometric Occupations		4 - 12
	CT - Career Technical (4-12)	070906 - Community Health Aide		4 - 12
	CT - Career Technical (4-12)	070998 - Diversified Health Occupations		4 - 12
	CT - Career Technical (4-12)	172303 - Manufacturing Occupations		4 - 12
	CT - Career Technical (4-12)	171001 - Carpentry		4 - 12
	CT - Career Technical (4-12)	172307 - Tool and Die Making		4 - 12
	CT - Career Technical (4-12)	171801 - Engineering Technology		4 - 12
	CT - Career Technical (4-12)	172302 - Precision Machining		4 - 12
	CT - Career Technical (4-12)	171017 - Building Technology		4 - 12
	CT - Career Technical (4-12)	010500 - Horticulture		4 - 12
	CT - Career Technical (4-12)	090660 - Family and Consumer Science Careers		4 - 12
	CT - Career Technical (4-12)	171100 - Custodial Services		4 - 12
	CT - Career Technical (4-12)	074840 - Health Support Services		4 - 12
	CT - Career Technical (4-12)	040830 - Marketing Technology		4 - 12
	CT - Career Technical (4-12)	171200 - Medium/Heavy Truck Technician		4 - 12
	CT - Career Technical (4-12)	171805 - Construction-Design and Build		4 - 12
	CT - Career Technical (4-12)	170802 - Marine Maintenance		4 - 12
	CT - Career Technical (4-12)	010200 - Agribusiness		4 - 12
	CT - Career Technical (4-12)	171011 - Building & Property Maintenance		4 - 12
	CT - Career Technical (4-12)	070913 - Health Unit Coordinator		4 - 12
	CT - Career Technical (4-12)	070994 - Patient Care Technician		4 - 12
	CT - Career Technical (4-12)	171504 - Telecommunications		4 - 12
	CT - Career Technical (4-12)	070103 - Dental Lab Technology		4 - 12
	CT - Career Technical (4-12)	090201 - Early Childhood Education and Care		4 - 12
	CT - Career Technical (4-12)	171806 - Construction-Management		4 - 12
	CT - Career Technical (4-12)	040115 - Entertainment Marketing		4 - 12
	CT - Career Technical (4-12)	070101 - Dental Assisting		4 - 12
	CT - Career Technical (4-12)	171012 - Industrial Maintenance and Repair		4 - 12
	CT - Career Technical (4-12)	010699 - Environmental Management		4 - 12
	CT - Career Technical (4-12)	070307 - Home Health Assisting		4 - 12
	CT - Career Technical (4-12)	010131 - Equine Science		4 - 12
	CT - Career Technical (4-12)	171005 - Interior Design Applications		4 - 12
	CT - Career Technical (4-12)	171300 - Drafting Occupations		4 - 12
	CT - Career Technical (4-12)	172700 - Plastics Occupations		4 - 12
	CT - Career Technical (4-12)	010300 - Agricultural Industrial Equipment		4 - 12
	CT - Career Technical (4-12)	140300 - Administrative Office Technology		4 - 12
	CT - Career Technical (4-12)	070302 - Practical Nurse		4 - 12
	CT - Career Technical (4-12)	070204 - Phlebotomy		4 - 12
	CT - Career Technical (4-12)	172801 - Firefighter Training		4 - 12
	CT - Career Technical (4-12)	172802 - Criminal Justice		4 - 12
	CT - Career Technical (4-12)	140100 - Accounting		4 - 12
	CT - Career Technical (4-12)	170303 - Auto Specialization		4 - 12
CT - Career Technical (4-12)	172004 - Industrial Lab Assisting		4 - 12	
CT - Career Technical (4-12)	172811 - Emergency Medical Technician-Secondary		4 - 12	
CT - Career Technical (4-12)	170100 - Air Conditioning and Heating		4 - 12	
CT - Career Technical (4-12)	090202 - Clothing Fashion and Interiors		4 - 12	
CT - Career Technical (4-12)	171503 - Electronics		4 - 12	
CT - Career Technical (4-12)	172810 - Career Paths for the Law Profession		4 - 12	
CT - Career Technical (4-12)	140350 - Legal Office Management		4 - 12	

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
990361 - Entrepreneurship Skills (Career Technical)	CT - Career Technical (4-12)	171004 - Masonry		4 - 12
	CT - Career Technical (4-12)	173100 - Power Equipment Technology		4 - 12
	CT - Career Technical (4-12)	170801 - Maritime Occupations		4 - 12
	CW - Career Technical Workforce Development	070103 - Dental Lab Technology		4 - 12
	CW - Career Technical Workforce Development	070101 - Dental Assisting		4 - 12
	CW - Career Technical Workforce Development	010699 - Environmental Management		4 - 12
	CW - Career Technical Workforce Development	040830 - Marketing Technology		4 - 12
	CW - Career Technical Workforce Development	040115 - Entertainment Marketing		4 - 12
	CW - Career Technical Workforce Development	040810 - Marketing Management		4 - 12
	CW - Career Technical Workforce Development	041118 - Travel and Tourism Marketing		4 - 12
	CW - Career Technical Workforce Development	040820 - E-Commerce Marketing		4 - 12
	CW - Career Technical Workforce Development	010600 - Natural Resources		4 - 12
	CW - Career Technical Workforce Development	040840 - Sports Marketing		4 - 12
	CW - Career Technical Workforce Development	010400 - Food Science		4 - 12
	CW - Career Technical Workforce Development	010300 - Agricultural Industrial Equipment		4 - 12
	CW - Career Technical Workforce Development	041900 - Acquisition and Logistics		4 - 12
	CW - Career Technical Workforce Development	010200 - Agribusiness		4 - 12
	CW - Career Technical Workforce Development	171003 - Heavy Equipment		4 - 12
	CW - Career Technical Workforce Development	171005 - Interior Design Applications		4 - 12
	CW - Career Technical Workforce Development	010131 - Equine Science		4 - 12
	CW - Career Technical Workforce Development	010101 - Animal Production		4 - 12
	CW - Career Technical Workforce Development	179960 - Diversified Cooperative Training (DCT) Coordinator		4 - 12
	CW - Career Technical Workforce Development	173601 - Millwork and Cabinet Making		4 - 12
	CW - Career Technical Workforce Development	172811 - Emergency Medical Technician-Secondary		4 - 12
	CW - Career Technical Workforce Development	172810 - Career Paths for the Law Profession		4 - 12
	CW - Career Technical Workforce Development	172808 - Private Security		4 - 12
	CW - Career Technical Workforce Development	172801 - Firefighter Training		4 - 12
	CW - Career Technical Workforce Development	172307 - Tool and Die Making		4 - 12
	CW - Career Technical Workforce Development	172306 - Welding and Cutting		4 - 12
	CW - Career Technical Workforce Development	172302 - Precision Machining		4 - 12
	CW - Career Technical Workforce Development	172004 - Industrial Lab Assisting		4 - 12
	CW - Career Technical Workforce Development	172000 - Chemical Laboratory Assisting		4 - 12
	CW - Career Technical Workforce Development	171900 - Graphic Occupations		4 - 12
	CW - Career Technical Workforce Development	171809 - Engineering Technologies-Product/Service		4 - 12
	CW - Career Technical Workforce Development	171807 - Engineering Technologies-Design		4 - 12
	CW - Career Technical Workforce Development	171806 - Construction-Management		4 - 12
	CW - Career Technical Workforce Development	171805 - Construction-Design and Build		4 - 12
	CW - Career Technical Workforce Development	171801 - Engineering Technology		4 - 12
	CW - Career Technical Workforce Development	172305 - Sheet Metal Fabrication		4 - 12
	CW - Career Technical Workforce Development	171504 - Telecommunications		4 - 12
CW - Career Technical Workforce Development	171503 - Electronics		4 - 12	
CW - Career Technical Workforce Development	171300 - Drafting Occupations		4 - 12	
CW - Career Technical Workforce Development	070203 - Medical Lab Assisting		4 - 12	
CW - Career Technical Workforce Development	171100 - Custodial Services		4 - 12	
CW - Career Technical Workforce Development	171012 - Industrial Maintenance and Repair		4 - 12	
CW - Career Technical Workforce Development	010500 - Horticulture		4 - 12	
CW - Career Technical Workforce Development	171011 - Building & Property Maintenance		4 - 12	
CW - Career Technical Workforce Development	171007 - Plumbing and Pipefitting		4 - 12	
CW - Career Technical Workforce Development	171004 - Masonry		4 - 12	
CW - Career Technical Workforce Development	010191 - Zoo Animal Production and Care		4 - 12	
CW - Career Technical Workforce Development	171002 - Electrical Trades		4 - 12	
CW - Career Technical Workforce Development	170900 - Commercial Photography Occupations		4 - 12	

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
990361 - Entrepreneurship Skills (Career Technical)	CW - Career Technical Workforce Development	010104 - Production Agriculture		4 - 12
	CW - Career Technical Workforce Development	170700 - Commercial Art Occupations		4 - 12
	CW - Career Technical Workforce Development	170801 - Maritime Occupations		4 - 12
	CW - Career Technical Workforce Development	074840 - Health Support Services		4 - 12
	CW - Career Technical Workforce Development	170303 - Auto Specialization		4 - 12
	CW - Career Technical Workforce Development	172304 - Heavy Metal Fabrication		4 - 12
	CW - Career Technical Workforce Development	170301 - Auto Collision Repair		4 - 12
	CW - Career Technical Workforce Development	170400 - Aviation Occupations		4 - 12
	CW - Career Technical Workforce Development	090203 - Culinary Arts and Food Service Management		4 - 12
	CW - Career Technical Workforce Development	140350 - Legal Office Management		4 - 12
	CW - Career Technical Workforce Development	140300 - Administrative Office Technology		4 - 12
	CW - Career Technical Workforce Development	140100 - Accounting		4 - 12
	CW - Career Technical Workforce Development	172303 - Manufacturing Occupations		4 - 12
	CW - Career Technical Workforce Development	170100 - Air Conditioning and Heating		4 - 12
	CW - Career Technical Workforce Development	140370 - Medical Office Management		4 - 12
	CW - Career Technical Workforce Development	171017 - Building Technology		4 - 12
	CW - Career Technical Workforce Development	171200 - Medium/Heavy Truck Technician		4 - 12
	CW - Career Technical Workforce Development	173100 - Power Equipment Technology		4 - 12
	CW - Career Technical Workforce Development	171402 - Power Transmission		4 - 12
	CW - Career Technical Workforce Development	170302 - Automotive Technology		4 - 12
	CW - Career Technical Workforce Development	090205 - Hotels and Resorts		4 - 12
	CW - Career Technical Workforce Development	079950 - Practical Nurse Coordinator		4 - 12
	CW - Career Technical Workforce Development	090660 - Family and Consumer Science Careers		4 - 12
	CW - Career Technical Workforce Development	090202 - Clothing Fashion and Interiors		4 - 12
	CW - Career Technical Workforce Development	074850 - Biotechnology		4 - 12
	CW - Career Technical Workforce Development	172809 - Fundamentals of Public Safety		4 - 12
	CW - Career Technical Workforce Development	171802 - Manufacturing Engineering Technology		4 - 12
	CW - Career Technical Workforce Development	172700 - Plastics Occupations		4 - 12
	CW - Career Technical Workforce Development	172602 - Cosmetology		4 - 12
	CW - Career Technical Workforce Development	171808 - Engineering Technologies-Process		4 - 12
	CW - Career Technical Workforce Development	170600 - Business Machine Maintenance		4 - 12
	CW - Career Technical Workforce Development	140800 - Business Administration & Management		4 - 12
	CW - Career Technical Workforce Development	170200 - Appliance Repair		4 - 12
	CW - Career Technical Workforce Development	074820 - Diagnostic Pathway		4 - 12
	CW - Career Technical Workforce Development	070998 - Diversified Health Occupations		4 - 12
	CW - Career Technical Workforce Development	070994 - Patient Care Technician		4 - 12
	CW - Career Technical Workforce Development	170802 - Marine Maintenance		4 - 12
	CW - Career Technical Workforce Development	170401 - Aircraft Maintenance		4 - 12
	CW - Career Technical Workforce Development	070904 - Medical Assisting		4 - 12
	CW - Career Technical Workforce Development	070913 - Health Unit Coordinator		4 - 12
CW - Career Technical Workforce Development	070912 - Pharmacy Assisting		4 - 12	
CW - Career Technical Workforce Development	172802 - Criminal Justice		4 - 12	
CW - Career Technical Workforce Development	070906 - Community Health Aide		4 - 12	
CW - Career Technical Workforce Development	070603 - Optometric Occupations		4 - 12	
CW - Career Technical Workforce Development	070410 - Fitness Aide		4 - 12	
CW - Career Technical Workforce Development	070305 - Surgical Technology		4 - 12	
CW - Career Technical Workforce Development	171001 - Carpentry		4 - 12	
CW - Career Technical Workforce Development	070307 - Home Health Assisting		4 - 12	
CW - Career Technical Workforce Development	074830 - Therapeutic Pathway		4 - 12	
CW - Career Technical Workforce Development	070303 - Nurse Assisting		4 - 12	
CW - Career Technical Workforce Development	070302 - Practical Nurse		4 - 12	
CW - Career Technical Workforce Development	140200 - Business Information Systems		4 - 12	
CW - Career Technical Workforce Development	074890 - Health Informatics		4 - 12	

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
990361 - Entrepreneurship Skills (Career Technical)	CW - Career Technical Workforce Development	170403 - Ground Operations		4 - 12
	CW - Career Technical Workforce Development	090201 - Early Childhood Education and Care		4 - 12
	CW - Career Technical Workforce Development	070204 - Phlebotomy		4 - 12
	HS - High School (7-12)	031399 - Intensive Office Education	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	030398 - Cooperative Office Education		7 - 12
	HS - High School (7-12)	030398 - Cooperative Office Education	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	031399 - Intensive Office Education		7 - 12
	VO - Vocational Education	070203 - Medical Lab Assisting		
	VO - Vocational Education	049950 - General Marketing		
	VO - Vocational Education	041900 - Acquisition and Logistics		
	VO - Vocational Education	041502 - Me-Performing Arts		
	VO - Vocational Education	041501 - Me-Vocational Music		
	VO - Vocational Education	041100 - Me-Hotel-Lodging		
	VO - Vocational Education	040840 - Sports Marketing		
	VO - Vocational Education	040830 - Marketing Technology		
	VO - Vocational Education	040810 - Marketing Management		
	VO - Vocational Education	040801 - Me-Marketing Mgmt		
	VO - Vocational Education	040600 - Me-Food Distributio		
	VO - Vocational Education	040820 - E-Commerce Marketing		
	VO - Vocational Education	040301 - Me-Auto Parts Mgmt		
	VO - Vocational Education	040400 - Me-Finance & Credit		
	VO - Vocational Education	040800 - Marketing		
	VO - Vocational Education	040300 - Me-Automotive		
	VO - Vocational Education	040200 - Me-Apparel/Accessori		
	VO - Vocational Education	040115 - Entertainment Marketing		
	VO - Vocational Education	041500 - Personal Services		
	VO - Vocational Education	040102 - Me-Television		
	VO - Vocational Education	041118 - Travel and Tourism Marketing		
	VO - Vocational Education	040101 - Me-Radio Broadcast		
	VO - Vocational Education	043100 - Marketing-Other Wholesale		
	VO - Vocational Education	040100 - Me-Advertisng Serv		
	VO - Vocational Education	070101 - Dental Assisting		
	VO - Vocational Education	010902 - Agr Res&Environ Sci		
	VO - Vocational Education	010700 - Forestry		
	VO - Vocational Education	010699 - Environmental Management		
	VO - Vocational Education	010600 - Natural Resources		
	VO - Vocational Education	070103 - Dental Lab Technology		
	VO - Vocational Education	010500 - Horticulture		
	VO - Vocational Education	010400 - Food Science		
	VO - Vocational Education	010131 - Equine Science		
VO - Vocational Education	010100 - Agriscience			
VO - Vocational Education	010191 - Zoo Animal Production and Care			
VO - Vocational Education	010200 - Agribusiness			
VO - Vocational Education	010104 - Production Agriculture			
VO - Vocational Education	010300 - Agricultural Industrial Equipment			
VO - Vocational Education	179960 - Diversified Cooperative Training (DCT) Coordinator			
VO - Vocational Education	173100 - Power Equipment Technology			
VO - Vocational Education	172808 - Private Security			
VO - Vocational Education	172801 - Firefighter Training			
VO - Vocational Education	172602 - Cosmetology			
VO - Vocational Education	172307 - Tool and Die Making			
VO - Vocational Education	172304 - Heavy Metal Fabrication			

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
990361 - Entrepreneurship Skills (Career Technical)	VO - Vocational Education	172303 - Manufacturing Occupations		
	VO - Vocational Education	172000 - Chemical Laboratory Assisting		
	VO - Vocational Education	010101 - Animal Production		
	VO - Vocational Education	171802 - Manufacturing Engineering Technology		
	VO - Vocational Education	171801 - Engineering Technology		
	VO - Vocational Education	171505 - Computer Network Technician		
	VO - Vocational Education	171007 - Plumbing and Pipefitting		
	VO - Vocational Education	171402 - Power Transmission		
	VO - Vocational Education	171403 - Motor Repair		
	VO - Vocational Education	171011 - Building & Property Maintenance		
	VO - Vocational Education	171012 - Industrial Maintenance and Repair		
	VO - Vocational Education	171004 - Masonry		
	VO - Vocational Education	171003 - Heavy Equipment		
	VO - Vocational Education	171002 - Electrical Trades		
	VO - Vocational Education	171001 - Carpentry		
	VO - Vocational Education	170900 - Commercial Photography Occupations		
	VO - Vocational Education	170801 - Maritime Occupations		
	VO - Vocational Education	170700 - Commercial Art Occupations		
	VO - Vocational Education	170600 - Business Machine Maintenance		
	VO - Vocational Education	170401 - Aircraft Maintenance		
	VO - Vocational Education	171504 - Telecommunications		
	VO - Vocational Education	170400 - Aviation Occupations		
	VO - Vocational Education	170303 - Auto Specialization		
	VO - Vocational Education	170301 - Auto Collision Repair		
	VO - Vocational Education	170302 - Automotive Technology		
	VO - Vocational Education	170200 - Appliance Repair		
	VO - Vocational Education	171900 - Graphic Occupations		
	VO - Vocational Education	170100 - Air Conditioning and Heating		
	VO - Vocational Education	171300 - Drafting Occupations		
	VO - Vocational Education	171503 - Electronics		
	VO - Vocational Education	170403 - Ground Operations		
	VO - Vocational Education	171200 - Medium/Heavy Truck Technician		
	VO - Vocational Education	171100 - Custodial Services		
	VO - Vocational Education	170802 - Marine Maintenance		
	VO - Vocational Education	149003 - Vocational BOE w/o Data Processing and Shorthand		
	VO - Vocational Education	172302 - Precision Machining		
	VO - Vocational Education	149002 - Vocational BOE w/o Shorthand		
	VO - Vocational Education	171005 - Interior Design Applications		
	VO - Vocational Education	172004 - Industrial Lab Assisting		
	VO - Vocational Education	149001 - Vocational BOE w/o Data Processing		
	VO - Vocational Education	149000 - Vocational BOE Comprehensive		
	VO - Vocational Education	140800 - Business Administration & Management		
	VO - Vocational Education	140703 - Stenography/Typing		
	VO - Vocational Education	140303 - General Office Clerk		
VO - Vocational Education	172306 - Welding and Cutting			
VO - Vocational Education	172700 - Plastics Occupations			
VO - Vocational Education	140300 - Administrative Office Technology			
VO - Vocational Education	140200 - Business Information Systems			
VO - Vocational Education	140150 - Data Processing/Programming			
VO - Vocational Education	140100 - Accounting			
VO - Vocational Education	172802 - Criminal Justice			
VO - Vocational Education	173601 - Millwork and Cabinet Making			

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
990361 - Entrepreneurship Skills (Career Technical)	VO - Vocational Education	090660 - Family and Consumer Science Careers		
	VO - Vocational Education	090223 - Job Training- Baking		
	VO - Vocational Education	090205 - Hotels and Resorts		
	VO - Vocational Education	090204 - Home Furnishings and Equipment		
	VO - Vocational Education	172305 - Sheet Metal Fabrication		
	VO - Vocational Education	090203 - Culinary Arts and Food Service Management		
	VO - Vocational Education	079960 - DCHO Coordinator		
	VO - Vocational Education	079950 - Practical Nurse Coordinator		
	VO - Vocational Education	070998 - Diversified Health Occupations		
	VO - Vocational Education	070994 - Patient Care Technician		
	VO - Vocational Education	070913 - Health Unit Coordinator		
	VO - Vocational Education	074820 - Diagnostic Pathway		
	VO - Vocational Education	070912 - Pharmacy Assisting		
	VO - Vocational Education	070906 - Community Health Aide		
	VO - Vocational Education	070904 - Medical Assisting		
	VO - Vocational Education	074890 - Health Informatics		
	VO - Vocational Education	070603 - Optometric Occupations		
	VO - Vocational Education	090201 - Early Childhood Education and Care		
	VO - Vocational Education	070410 - Fitness Aide		
	VO - Vocational Education	070307 - Home Health Assisting		
	VO - Vocational Education	070305 - Surgical Technology		
	VO - Vocational Education	070303 - Nurse Assisting		
	VO - Vocational Education	074830 - Therapeutic Pathway		
	VO - Vocational Education	090202 - Clothing Fashion and Interiors		
VO - Vocational Education	070302 - Practical Nurse			
VO - Vocational Education	070204 - Phlebotomy			

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
990363 - Essential Skills for Business	CT - Career Technical (4-12)	173100 - Power Equipment Technology		4 - 12
	CT - Career Technical (4-12)	172811 - Emergency Medical Technician-Secondary		4 - 12
	CT - Career Technical (4-12)	172810 - Career Paths for the Law Profession		4 - 12
	CT - Career Technical (4-12)	172808 - Private Security		4 - 12
	CT - Career Technical (4-12)	172802 - Criminal Justice		4 - 12
	CT - Career Technical (4-12)	172801 - Firefighter Training		4 - 12
	CT - Career Technical (4-12)	172602 - Cosmetology		4 - 12
	CT - Career Technical (4-12)	172307 - Tool and Die Making		4 - 12
	CT - Career Technical (4-12)	172306 - Welding and Cutting		4 - 12
	CT - Career Technical (4-12)	172305 - Sheet Metal Fabrication		4 - 12
	CT - Career Technical (4-12)	172304 - Heavy Metal Fabrication		4 - 12
	CT - Career Technical (4-12)	172303 - Manufacturing Occupations		4 - 12
	CT - Career Technical (4-12)	172302 - Precision Machining		4 - 12
	CT - Career Technical (4-12)	172000 - Chemical Laboratory Assisting		4 - 12
	CT - Career Technical (4-12)	171900 - Graphic Occupations		4 - 12
	CT - Career Technical (4-12)	171809 - Engineering Technologies-Product/Service		4 - 12
	CT - Career Technical (4-12)	171807 - Engineering Technologies-Design		4 - 12
	CT - Career Technical (4-12)	171806 - Construction-Management		4 - 12
	CT - Career Technical (4-12)	171805 - Construction-Design and Build		4 - 12
	CT - Career Technical (4-12)	171801 - Engineering Technology		4 - 12
	CT - Career Technical (4-12)	171505 - Computer Network Technician		4 - 12
	CT - Career Technical (4-12)	171504 - Telecommunications		4 - 12
	CT - Career Technical (4-12)	171503 - Electronics		4 - 12
	CT - Career Technical (4-12)	171402 - Power Transmission		4 - 12
	CT - Career Technical (4-12)	171300 - Drafting Occupations		4 - 12
	CT - Career Technical (4-12)	171200 - Medium/Heavy Truck Technician		4 - 12
	CT - Career Technical (4-12)	171017 - Building Technology		4 - 12
	CT - Career Technical (4-12)	171012 - Industrial Maintenance and Repair		4 - 12
	CT - Career Technical (4-12)	171011 - Building & Property Maintenance		4 - 12
	CT - Career Technical (4-12)	171005 - Interior Design Applications		4 - 12
	CT - Career Technical (4-12)	171004 - Masonry		4 - 12
	CT - Career Technical (4-12)	171003 - Heavy Equipment		4 - 12
	CT - Career Technical (4-12)	171001 - Carpentry		4 - 12
	CT - Career Technical (4-12)	170900 - Commercial Photography Occupations		4 - 12
	CT - Career Technical (4-12)	170802 - Marine Maintenance		4 - 12
	CT - Career Technical (4-12)	170801 - Maritime Occupations		4 - 12
	CT - Career Technical (4-12)	170700 - Commercial Art Occupations		4 - 12
	CT - Career Technical (4-12)	170600 - Business Machine Maintenance		4 - 12
	CT - Career Technical (4-12)	170403 - Ground Operations		4 - 12
	CT - Career Technical (4-12)	170400 - Aviation Occupations		4 - 12
	CT - Career Technical (4-12)	170303 - Auto Specialization		4 - 12
	CT - Career Technical (4-12)	170302 - Automotive Technology		4 - 12
	CT - Career Technical (4-12)	170200 - Appliance Repair		4 - 12
	CT - Career Technical (4-12)	170100 - Air Conditioning and Heating		4 - 12
	CT - Career Technical (4-12)	140800 - Business Administration & Management		4 - 12
	CT - Career Technical (4-12)	140550 - Integrated Business		4 - 12
	CT - Career Technical (4-12)	140370 - Medical Office Management		4 - 12
	CT - Career Technical (4-12)	140350 - Legal Office Management		4 - 12
	CT - Career Technical (4-12)	140300 - Administrative Office Technology		4 - 12
	CT - Career Technical (4-12)	140200 - Business Information Systems		4 - 12
CT - Career Technical (4-12)	140100 - Accounting		4 - 12	
CT - Career Technical (4-12)	090660 - Family and Consumer Science Careers		4 - 12	

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
990363 - Essential Skills for Business	CT - Career Technical (4-12)	090205 - Hotels and Resorts		4 - 12
	CT - Career Technical (4-12)	170301 - Auto Collision Repair		4 - 12
	CT - Career Technical (4-12)	170401 - Aircraft Maintenance		4 - 12
	CT - Career Technical (4-12)	090203 - Culinary Arts and Food Service Management		4 - 12
	CT - Career Technical (4-12)	090202 - Clothing Fashion and Interiors		4 - 12
	CT - Career Technical (4-12)	090201 - Early Childhood Education and Care		4 - 12
	CT - Career Technical (4-12)	079950 - Practical Nurse Coordinator		4 - 12
	CT - Career Technical (4-12)	171002 - Electrical Trades		4 - 12
	CT - Career Technical (4-12)	074890 - Health Informatics		4 - 12
	CT - Career Technical (4-12)	074850 - Biotechnology		4 - 12
	CT - Career Technical (4-12)	074840 - Health Support Services		4 - 12
	CT - Career Technical (4-12)	074830 - Therapeutic Pathway		4 - 12
	CT - Career Technical (4-12)	171007 - Plumbing and Pipefitting		4 - 12
	CT - Career Technical (4-12)	074820 - Diagnostic Pathway		4 - 12
	CT - Career Technical (4-12)	070998 - Diversified Health Occupations		4 - 12
	CT - Career Technical (4-12)	171100 - Custodial Services		4 - 12
	CT - Career Technical (4-12)	070994 - Patient Care Technician		4 - 12
	CT - Career Technical (4-12)	070913 - Health Unit Coordinator		4 - 12
	CT - Career Technical (4-12)	070912 - Pharmacy Assisting		4 - 12
	CT - Career Technical (4-12)	070906 - Community Health Aide		4 - 12
	CT - Career Technical (4-12)	070904 - Medical Assisting		4 - 12
	CT - Career Technical (4-12)	070603 - Optometric Occupations		4 - 12
	CT - Career Technical (4-12)	171802 - Manufacturing Engineering Technology		4 - 12
	CT - Career Technical (4-12)	070410 - Fitness Aide		4 - 12
	CT - Career Technical (4-12)	070307 - Home Health Assisting		4 - 12
	CT - Career Technical (4-12)	070305 - Surgical Technology		4 - 12
	CT - Career Technical (4-12)	070303 - Nurse Assisting		4 - 12
	CT - Career Technical (4-12)	171808 - Engineering Technologies-Process		4 - 12
	CT - Career Technical (4-12)	070302 - Practical Nurse		4 - 12
	CT - Career Technical (4-12)	070204 - Phlebotomy		4 - 12
	CT - Career Technical (4-12)	070203 - Medical Lab Assisting		4 - 12
	CT - Career Technical (4-12)	070103 - Dental Lab Technology		4 - 12
	CT - Career Technical (4-12)	172004 - Industrial Lab Assisting		4 - 12
	CT - Career Technical (4-12)	070101 - Dental Assisting		4 - 12
	CT - Career Technical (4-12)	041900 - Acquisition and Logistics		4 - 12
	CT - Career Technical (4-12)	041118 - Travel and Tourism Marketing		4 - 12
	CT - Career Technical (4-12)	040840 - Sports Marketing		4 - 12
	CT - Career Technical (4-12)	040830 - Marketing Technology		4 - 12
	CT - Career Technical (4-12)	040820 - E-Commerce Marketing		4 - 12
	CT - Career Technical (4-12)	040810 - Marketing Management		4 - 12
	CT - Career Technical (4-12)	040800 - Marketing		4 - 12
	CT - Career Technical (4-12)	172700 - Plastics Occupations		4 - 12
	CT - Career Technical (4-12)	172809 - Fundamentals of Public Safety		4 - 12
	CT - Career Technical (4-12)	040115 - Entertainment Marketing		4 - 12
	CT - Career Technical (4-12)	010699 - Environmental Management		4 - 12
CT - Career Technical (4-12)	010600 - Natural Resources		4 - 12	
CT - Career Technical (4-12)	010500 - Horticulture		4 - 12	
CT - Career Technical (4-12)	173601 - Millwork and Cabinet Making		4 - 12	
CT - Career Technical (4-12)	010400 - Food Science		4 - 12	
CT - Career Technical (4-12)	010300 - Agricultural Industrial Equipment		4 - 12	
CT - Career Technical (4-12)	010200 - Agribusiness		4 - 12	
CT - Career Technical (4-12)	010191 - Zoo Animal Production and Care		4 - 12	

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
990363 - Essential Skills for Business	CT - Career Technical (4-12)	010131 - Equine Science		4 - 12
	CT - Career Technical (4-12)	010104 - Production Agriculture		4 - 12
	CT - Career Technical (4-12)	010101 - Animal Production		4 - 12
	CT - Career Technical (4-12)	010100 - Agriscience		4 - 12
	CW - Career Technical Workforce Development	170900 - Commercial Photography Occupations		4 - 12
	CW - Career Technical Workforce Development	170802 - Marine Maintenance		4 - 12
	CW - Career Technical Workforce Development	170801 - Maritime Occupations		4 - 12
	CW - Career Technical Workforce Development	170600 - Business Machine Maintenance		4 - 12
	CW - Career Technical Workforce Development	170403 - Ground Operations		4 - 12
	CW - Career Technical Workforce Development	170401 - Aircraft Maintenance		4 - 12
	CW - Career Technical Workforce Development	170303 - Auto Specialization		4 - 12
	CW - Career Technical Workforce Development	170302 - Automotive Technology		4 - 12
	CW - Career Technical Workforce Development	170301 - Auto Collision Repair		4 - 12
	CW - Career Technical Workforce Development	170200 - Appliance Repair		4 - 12
	CW - Career Technical Workforce Development	170100 - Air Conditioning and Heating		4 - 12
	CW - Career Technical Workforce Development	140800 - Business Administration & Management		4 - 12
	CW - Career Technical Workforce Development	140370 - Medical Office Management		4 - 12
	CW - Career Technical Workforce Development	140300 - Administrative Office Technology		4 - 12
	CW - Career Technical Workforce Development	140200 - Business Information Systems		4 - 12
	CW - Career Technical Workforce Development	140100 - Accounting		4 - 12
	CW - Career Technical Workforce Development	090205 - Hotels and Resorts		4 - 12
	CW - Career Technical Workforce Development	090203 - Culinary Arts and Food Service Management		4 - 12
	CW - Career Technical Workforce Development	090202 - Clothing Fashion and Interiors		4 - 12
	CW - Career Technical Workforce Development	079950 - Practical Nurse Coordinator		4 - 12
	CW - Career Technical Workforce Development	074890 - Health Informatics		4 - 12
	CW - Career Technical Workforce Development	074850 - Biotechnology		4 - 12
	CW - Career Technical Workforce Development	074840 - Health Support Services		4 - 12
	CW - Career Technical Workforce Development	074830 - Therapeutic Pathway		4 - 12
	CW - Career Technical Workforce Development	074820 - Diagnostic Pathway		4 - 12
	CW - Career Technical Workforce Development	070998 - Diversified Health Occupations		4 - 12
	CW - Career Technical Workforce Development	070994 - Patient Care Technician		4 - 12
	CW - Career Technical Workforce Development	070913 - Health Unit Coordinator		4 - 12
	CW - Career Technical Workforce Development	070912 - Pharmacy Assisting		4 - 12
	CW - Career Technical Workforce Development	070906 - Community Health Aide		4 - 12
	CW - Career Technical Workforce Development	090201 - Early Childhood Education and Care		4 - 12
	CW - Career Technical Workforce Development	070904 - Medical Assisting		4 - 12
	CW - Career Technical Workforce Development	070603 - Optometric Occupations		4 - 12
	CW - Career Technical Workforce Development	070410 - Fitness Aide		4 - 12
	CW - Career Technical Workforce Development	070307 - Home Health Assisting		4 - 12
	CW - Career Technical Workforce Development	090660 - Family and Consumer Science Careers		4 - 12
	CW - Career Technical Workforce Development	070305 - Surgical Technology		4 - 12
	CW - Career Technical Workforce Development	070303 - Nurse Assisting		4 - 12
	CW - Career Technical Workforce Development	070302 - Practical Nurse		4 - 12
	CW - Career Technical Workforce Development	070204 - Phlebotomy		4 - 12
	CW - Career Technical Workforce Development	140350 - Legal Office Management		4 - 12
CW - Career Technical Workforce Development	070203 - Medical Lab Assisting		4 - 12	
CW - Career Technical Workforce Development	070103 - Dental Lab Technology		4 - 12	
CW - Career Technical Workforce Development	070101 - Dental Assisting		4 - 12	
CW - Career Technical Workforce Development	041900 - Acquisition and Logistics		4 - 12	
CW - Career Technical Workforce Development	041118 - Travel and Tourism Marketing		4 - 12	
CW - Career Technical Workforce Development	040840 - Sports Marketing		4 - 12	
CW - Career Technical Workforce Development	170400 - Aviation Occupations		4 - 12	

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
990363 - Essential Skills for Business	CW - Career Technical Workforce Development	040830 - Marketing Technology		4 - 12
	CW - Career Technical Workforce Development	040820 - E-Commerce Marketing		4 - 12
	CW - Career Technical Workforce Development	170700 - Commercial Art Occupations		4 - 12
	CW - Career Technical Workforce Development	040810 - Marketing Management		4 - 12
	CW - Career Technical Workforce Development	040115 - Entertainment Marketing		4 - 12
	CW - Career Technical Workforce Development	010699 - Environmental Management		4 - 12
	CW - Career Technical Workforce Development	010600 - Natural Resources		4 - 12
	CW - Career Technical Workforce Development	171001 - Carpentry		4 - 12
	CW - Career Technical Workforce Development	010500 - Horticulture		4 - 12
	CW - Career Technical Workforce Development	010400 - Food Science		4 - 12
	CW - Career Technical Workforce Development	010300 - Agricultural Industrial Equipment		4 - 12
	CW - Career Technical Workforce Development	010200 - Agribusiness		4 - 12
	CW - Career Technical Workforce Development	010191 - Zoo Animal Production and Care		4 - 12
	CW - Career Technical Workforce Development	010131 - Equine Science		4 - 12
	CW - Career Technical Workforce Development	010104 - Production Agriculture		4 - 12
	CW - Career Technical Workforce Development	010101 - Animal Production		4 - 12
	CW - Career Technical Workforce Development	179960 - Diversified Cooperative Training (DCT) Coordinator		4 - 12
	CW - Career Technical Workforce Development	173100 - Power Equipment Technology		4 - 12
	CW - Career Technical Workforce Development	172811 - Emergency Medical Technician-Secondary		4 - 12
	CW - Career Technical Workforce Development	172810 - Career Paths for the Law Profession		4 - 12
	CW - Career Technical Workforce Development	172809 - Fundamentals of Public Safety		4 - 12
	CW - Career Technical Workforce Development	172808 - Private Security		4 - 12
	CW - Career Technical Workforce Development	172802 - Criminal Justice		4 - 12
	CW - Career Technical Workforce Development	172801 - Firefighter Training		4 - 12
	CW - Career Technical Workforce Development	172602 - Cosmetology		4 - 12
	CW - Career Technical Workforce Development	172307 - Tool and Die Making		4 - 12
	CW - Career Technical Workforce Development	172306 - Welding and Cutting		4 - 12
	CW - Career Technical Workforce Development	172304 - Heavy Metal Fabrication		4 - 12
	CW - Career Technical Workforce Development	172303 - Manufacturing Occupations		4 - 12
	CW - Career Technical Workforce Development	172302 - Precision Machining		4 - 12
	CW - Career Technical Workforce Development	172004 - Industrial Lab Assisting		4 - 12
	CW - Career Technical Workforce Development	172000 - Chemical Laboratory Assisting		4 - 12
	CW - Career Technical Workforce Development	171900 - Graphic Occupations		4 - 12
	CW - Career Technical Workforce Development	171809 - Engineering Technologies-Product/Service		4 - 12
	CW - Career Technical Workforce Development	172305 - Sheet Metal Fabrication		4 - 12
	CW - Career Technical Workforce Development	171808 - Engineering Technologies-Process		4 - 12
	CW - Career Technical Workforce Development	171807 - Engineering Technologies-Design		4 - 12
	CW - Career Technical Workforce Development	171806 - Construction-Management		4 - 12
	CW - Career Technical Workforce Development	171805 - Construction-Design and Build		4 - 12
	CW - Career Technical Workforce Development	172700 - Plastics Occupations		4 - 12
	CW - Career Technical Workforce Development	171802 - Manufacturing Engineering Technology		4 - 12
	CW - Career Technical Workforce Development	171801 - Engineering Technology		4 - 12
	CW - Career Technical Workforce Development	171504 - Telecommunications		4 - 12
	CW - Career Technical Workforce Development	171503 - Electronics		4 - 12
	CW - Career Technical Workforce Development	171402 - Power Transmission		4 - 12
CW - Career Technical Workforce Development	171300 - Drafting Occupations		4 - 12	
CW - Career Technical Workforce Development	171200 - Medium/Heavy Truck Technician		4 - 12	
CW - Career Technical Workforce Development	171100 - Custodial Services		4 - 12	
CW - Career Technical Workforce Development	173601 - Millwork and Cabinet Making		4 - 12	
CW - Career Technical Workforce Development	171017 - Building Technology		4 - 12	
CW - Career Technical Workforce Development	171012 - Industrial Maintenance and Repair		4 - 12	
CW - Career Technical Workforce Development	171011 - Building & Property Maintenance		4 - 12	

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
990363 - Essential Skills for Business	CW - Career Technical Workforce Development	171007 - Plumbing and Pipefitting		4 - 12
	CW - Career Technical Workforce Development	171005 - Interior Design Applications		4 - 12
	CW - Career Technical Workforce Development	171004 - Masonry		4 - 12
	CW - Career Technical Workforce Development	171003 - Heavy Equipment		4 - 12
	CW - Career Technical Workforce Development	171002 - Electrical Trades		4 - 12
	HS - High School (7-12)	031399 - Intensive Office Education		7 - 12
	HS - High School (7-12)	030398 - Cooperative Office Education		7 - 12
	VO - Vocational Education	179960 - Diversified Cooperative Training (DCT) Coordinator		
	VO - Vocational Education	173601 - Millwork and Cabinet Making		
	VO - Vocational Education	173100 - Power Equipment Technology		
	VO - Vocational Education	172808 - Private Security		
	VO - Vocational Education	172802 - Criminal Justice		
	VO - Vocational Education	172801 - Firefighter Training		
	VO - Vocational Education	172602 - Cosmetology		
	VO - Vocational Education	172307 - Tool and Die Making		
	VO - Vocational Education	172306 - Welding and Cutting		
	VO - Vocational Education	172304 - Heavy Metal Fabrication		
	VO - Vocational Education	172303 - Manufacturing Occupations		
	VO - Vocational Education	172302 - Precision Machining		
	VO - Vocational Education	172000 - Chemical Laboratory Assisting		
	VO - Vocational Education	171900 - Graphic Occupations		
	VO - Vocational Education	171802 - Manufacturing Engineering Technology		
	VO - Vocational Education	171801 - Engineering Technology		
	VO - Vocational Education	171505 - Computer Network Technician		
	VO - Vocational Education	171504 - Telecommunications		
	VO - Vocational Education	171503 - Electronics		
	VO - Vocational Education	171402 - Power Transmission		
	VO - Vocational Education	171300 - Drafting Occupations		
	VO - Vocational Education	171200 - Medium/Heavy Truck Technician		
	VO - Vocational Education	171012 - Industrial Maintenance and Repair		
	VO - Vocational Education	171011 - Building & Property Maintenance		
	VO - Vocational Education	171007 - Plumbing and Pipefitting		
	VO - Vocational Education	171004 - Masonry		
	VO - Vocational Education	171003 - Heavy Equipment		
	VO - Vocational Education	171002 - Electrical Trades		
	VO - Vocational Education	171001 - Carpentry		
	VO - Vocational Education	170900 - Commercial Photography Occupations		
	VO - Vocational Education	170802 - Marine Maintenance		
	VO - Vocational Education	170801 - Maritime Occupations		
	VO - Vocational Education	170600 - Business Machine Maintenance		
	VO - Vocational Education	170403 - Ground Operations		
	VO - Vocational Education	170401 - Aircraft Maintenance		
	VO - Vocational Education	170303 - Auto Specialization		
VO - Vocational Education	170302 - Automotive Technology			
VO - Vocational Education	170301 - Auto Collision Repair			
VO - Vocational Education	170100 - Air Conditioning and Heating			
VO - Vocational Education	149003 - Vocational BOE w/o Data Processing and Shorthand			
VO - Vocational Education	149002 - Vocational BOE w/o Shorthand			
VO - Vocational Education	149001 - Vocational BOE w/o Data Processing			
VO - Vocational Education	149000 - Vocational BOE Comprehensive			
VO - Vocational Education	140800 - Business Administration & Management			
VO - Vocational Education	140703 - Stenography/Typing			

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
990363 - Essential Skills for Business	VO - Vocational Education	140300 - Administrative Office Technology		
	VO - Vocational Education	140200 - Business Information Systems		
	VO - Vocational Education	140150 - Data Processing/Programming		
	VO - Vocational Education	090660 - Family and Consumer Science Careers		
	VO - Vocational Education	090223 - Job Training- Baking		
	VO - Vocational Education	090205 - Hotels and Resorts		
	VO - Vocational Education	090204 - Home Furnishings and Equipment		
	VO - Vocational Education	090203 - Culinary Arts and Food Service Management		
	VO - Vocational Education	090202 - Clothing Fashion and Interiors		
	VO - Vocational Education	090201 - Early Childhood Education and Care		
	VO - Vocational Education	079960 - DCHO Coordinator		
	VO - Vocational Education	079950 - Practical Nurse Coordinator		
	VO - Vocational Education	074890 - Health Informatics		
	VO - Vocational Education	074830 - Therapeutic Pathway		
	VO - Vocational Education	140100 - Accounting		
	VO - Vocational Education	140303 - General Office Clerk		
	VO - Vocational Education	074820 - Diagnostic Pathway		
	VO - Vocational Education	070998 - Diversified Health Occupations		
	VO - Vocational Education	070994 - Patient Care Technician		
	VO - Vocational Education	070913 - Health Unit Coordinator		
	VO - Vocational Education	070912 - Pharmacy Assisting		
	VO - Vocational Education	070906 - Community Health Aide		
	VO - Vocational Education	070904 - Medical Assisting		
	VO - Vocational Education	070603 - Optometric Occupations		
	VO - Vocational Education	170200 - Appliance Repair		
	VO - Vocational Education	170400 - Aviation Occupations		
	VO - Vocational Education	070410 - Fitness Aide		
	VO - Vocational Education	070307 - Home Health Assisting		
	VO - Vocational Education	070305 - Surgical Technology		
	VO - Vocational Education	070303 - Nurse Assisting		
	VO - Vocational Education	170700 - Commercial Art Occupations		
	VO - Vocational Education	070302 - Practical Nurse		
	VO - Vocational Education	070204 - Phlebotomy		
	VO - Vocational Education	070203 - Medical Lab Assisting		
	VO - Vocational Education	070103 - Dental Lab Technology		
	VO - Vocational Education	070101 - Dental Assisting		
	VO - Vocational Education	049950 - General Marketing		
	VO - Vocational Education	043100 - Marketing-Other Wholesale		
	VO - Vocational Education	041900 - Acquisition and Logistics		
	VO - Vocational Education	171005 - Interior Design Applications		
	VO - Vocational Education	041502 - Me-Performing Arts		
	VO - Vocational Education	041501 - Me-Vocational Music		
	VO - Vocational Education	041500 - Personal Services		
	VO - Vocational Education	041118 - Travel and Tourism Marketing		
	VO - Vocational Education	171100 - Custodial Services		
	VO - Vocational Education	171403 - Motor Repair		
	VO - Vocational Education	041100 - Me-Hotel-Lodging		
	VO - Vocational Education	040840 - Sports Marketing		
VO - Vocational Education	040830 - Marketing Technology			
VO - Vocational Education	040820 - E-Commerce Marketing			
VO - Vocational Education	040810 - Marketing Management			
VO - Vocational Education	040801 - Me-Marketing Mgmt			

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
990363 - Essential Skills for Business	VO - Vocational Education	040800 - Marketing		
	VO - Vocational Education	040600 - Me-Food Distributio		
	VO - Vocational Education	172004 - Industrial Lab Assisting		
	VO - Vocational Education	040400 - Me-Finance & Credit		
	VO - Vocational Education	040301 - Me-Auto Parts Mgmt		
	VO - Vocational Education	040300 - Me-Automotive		
	VO - Vocational Education	040200 - Me-Apparel/Accessori		
	VO - Vocational Education	172305 - Sheet Metal Fabrication		
	VO - Vocational Education	040115 - Entertainment Marketing		
	VO - Vocational Education	040102 - Me-Television		
	VO - Vocational Education	040101 - Me-Radio Broadcast		
	VO - Vocational Education	040100 - Me-Advertisng Serv		
	VO - Vocational Education	172700 - Plastics Occupations		
	VO - Vocational Education	010902 - Agr Res&Envirn Sci		
	VO - Vocational Education	010700 - Forestry		
	VO - Vocational Education	010699 - Environmental Management		
	VO - Vocational Education	010600 - Natural Resources		
	VO - Vocational Education	010500 - Horticulture		
	VO - Vocational Education	010400 - Food Science		
	VO - Vocational Education	010300 - Agricultural Industrial Equipment		
	VO - Vocational Education	010200 - Agribusiness		
	VO - Vocational Education	010191 - Zoo Animal Production and Care		
	VO - Vocational Education	010131 - Equine Science		
VO - Vocational Education	010104 - Production Agriculture			
VO - Vocational Education	010101 - Animal Production			
VO - Vocational Education	010100 - Agriscience			

Job Training Coordinating

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
990364 - Career Connections	CT - Career Technical (4-12)	Any Standard Teaching Field		4 - 12
	CW - Career Technical Workforce Development	Any Standard Teaching Field		4 - 12
	DS (4-12) - Designated Subject (4-12)	Any Standard Teaching Field		4 - 12
	VO - Vocational Education	Any Standard Teaching Field		
990365 - Pre-Apprenticeship	CT - Career Technical (4-12)	Any Standard Teaching Field		4 - 12
	CW - Career Technical Workforce Development	Any Standard Teaching Field		4 - 12
	DS (4-12) - Designated Subject (4-12)	Any Standard Teaching Field		4 - 12
	VO - Vocational Education	Any Standard Teaching Field		
990405 - Introduction to Job Training	CT - Career Technical (4-12)	600010 - Transition to Work		4 - 12
	CW - Career Technical Workforce Development	600010 - Transition to Work		4 - 12
	EH - Education of the Handicapped (K-12)	600113 - T.T.W.Opt 4 Coord		KG - 12
	EH - Education of the Handicapped (K-12)	600112 - T.T.W. Vose Coord		KG - 12
	EH - Education of the Handicapped (K-12)	600111 - T.T.W. Work Study C		KG - 12
	EH - Education of the Handicapped (K-12)	600010 - Transition to Work		KG - 12
	IL - Intervention Specialist (K-12)	600010 - Transition to Work		KG - 12
	SP - Special All Grades (K-12)	600113 - T.T.W.Opt 4 Coord		KG - 12
	VO - Vocational Education	600113 - T.T.W.Opt 4 Coord		
	VO - Vocational Education	600112 - T.T.W. Vose Coord		
	VO - Vocational Education	600111 - T.T.W. Work Study C		
	VO - Vocational Education	600010 - Transition to Work		
990410 - Fundamentals in Job Training	CT - Career Technical (4-12)	600010 - Transition to Work		4 - 12
	CW - Career Technical Workforce Development	600010 - Transition to Work		4 - 12
	EH - Education of the Handicapped (K-12)	600113 - T.T.W.Opt 4 Coord		KG - 12
	EH - Education of the Handicapped (K-12)	600112 - T.T.W. Vose Coord		KG - 12
	EH - Education of the Handicapped (K-12)	600111 - T.T.W. Work Study C		KG - 12
	EH - Education of the Handicapped (K-12)	600010 - Transition to Work		KG - 12
	IL - Intervention Specialist (K-12)	600010 - Transition to Work		KG - 12
	SP - Special All Grades (K-12)	600113 - T.T.W.Opt 4 Coord		KG - 12
	VO - Vocational Education	600113 - T.T.W.Opt 4 Coord		
	VO - Vocational Education	600112 - T.T.W. Vose Coord		
	VO - Vocational Education	600111 - T.T.W. Work Study C		
	VO - Vocational Education	600010 - Transition to Work		