

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 (i.e., Kindergarten-Primary (KP), Kindergarten-Elementary (KE), Elementary (EL), Early Childhood (EC), 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 issued teaching credential other than a Short Term Substitute license.

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 (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 hearing impaired students must be taught by someone certificated or licensed to teach hearing impaired 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)

Technology

SUBJECT	CREDENTIAL	TEACHING FIELD/ENDORSEMENT	ADDITIONAL TEACHING FIELD/ENDORSEMENT	GRADES
100100 - Construction	AD - Adolescence to Young Adult (7-12)	101315 - Industrial Technology		7 - 12
	CT - Career Technical (4-12)	160610 - Technology Education		4 - 12
	DS (K-12) - Designated Subject (Grades K-12)	101315 - Industrial Technology		KG - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)		7 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12		7 - 12
	HS - High School (7-12)	101315 - Industrial Technology		7 - 12
	HS - High School (7-12)	101315 - Industrial Technology	180200 - Middle Grades	4 - 12
	SP - Special All Grades (K-12)	100005 - Indust. Arts K-12		KG - 12
	SP - Special All Grades (K-12)	100000 - Gen Ind Techn (Gen)		KG - 12
	SP - Special All Grades (K-12)	101320 - Industrial Technology		KG - 12
	VO - Vocational Education	160610 - Technology Education		
100200 - Industrial Crafts	AD - Adolescence to Young Adult (7-12)	101315 - Industrial Technology		7 - 12
	CT - Career Technical (4-12)	160610 - Technology Education		4 - 12
	DS (K-12) - Designated Subject (Grades K-12)	101315 - Industrial Technology		KG - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)		7 - 12
	HS - High School (7-12)	101315 - Industrial Technology		7 - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	101315 - Industrial Technology	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12		7 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)	180200 - Middle Grades	4 - 12
	SP - Special All Grades (K-12)	101320 - Industrial Technology		KG - 12
	SP - Special All Grades (K-12)	100005 - Indust. Arts K-12		KG - 12
	SP - Special All Grades (K-12)	100000 - Gen Ind Techn (Gen)		KG - 12
	VO - Vocational Education	160610 - Technology Education		
100300 - Drafting	AD - Adolescence to Young Adult (7-12)	101315 - Industrial Technology		7 - 12
	CT - Career Technical (4-12)	160610 - Technology Education		4 - 12
	DS (K-12) - Designated Subject (Grades K-12)	101315 - Industrial Technology		KG - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	101315 - Industrial Technology		7 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)		7 - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	101315 - Industrial Technology	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12		7 - 12
	SP - Special All Grades (K-12)	101320 - Industrial Technology		KG - 12
	SP - Special All Grades (K-12)	100000 - Gen Ind Techn (Gen)		KG - 12
	SP - Special All Grades (K-12)	100005 - Indust. Arts K-12		KG - 12
	VO - Vocational Education	160610 - Technology Education		
100401 - Electricity/Electronics	AD - Adolescence to Young Adult (7-12)	101315 - Industrial Technology		7 - 12
	CT - Career Technical (4-12)	160610 - Technology Education		4 - 12
	DS (K-12) - Designated Subject (Grades K-12)	101315 - Industrial Technology		KG - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	101315 - Industrial Technology		7 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	101315 - Industrial Technology	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12		7 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)		7 - 12
	SP - Special All Grades (K-12)	100000 - Gen Ind Techn (Gen)		KG - 12
	SP - Special All Grades (K-12)	100005 - Indust. Arts K-12		KG - 12
	SP - Special All Grades (K-12)	101320 - Industrial Technology		KG - 12
	VO - Vocational Education	160610 - Technology Education		

Technology

SUBJECT	CREDENTIAL	TEACHING FIELD/ENDORSEMENT	ADDITIONAL TEACHING FIELD/ENDORSEMENT	GRADES
100700 - Graphic Arts	AD - Adolescence to Young Adult (7-12)	101315 - Industrial Technology		7 - 12
	CT - Career Technical (4-12)	160610 - Technology Education		4 - 12
	DS (K-12) - Designated Subject (Grades K-12)	101315 - Industrial Technology		KG - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	101315 - Industrial Technology	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	101315 - Industrial Technology		7 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12		7 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)		7 - 12
	SP - Special All Grades (K-12)	100005 - Indust. Arts K-12		KG - 12
	SP - Special All Grades (K-12)	100000 - Gen Ind Techn (Gen)		KG - 12
	SP - Special All Grades (K-12)	101320 - Industrial Technology		KG - 12
	VO - Vocational Education	160610 - Technology Education		
100800 - Home Mechanics	AD - Adolescence to Young Adult (7-12)	101315 - Industrial Technology		7 - 12
	CT - Career Technical (4-12)	160610 - Technology Education		4 - 12
	DS (K-12) - Designated Subject (Grades K-12)	101315 - Industrial Technology		KG - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12		7 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)		7 - 12
	HS - High School (7-12)	101315 - Industrial Technology		7 - 12
	HS - High School (7-12)	101315 - Industrial Technology	180200 - Middle Grades	4 - 12
	SP - Special All Grades (K-12)	101320 - Industrial Technology		KG - 12
	SP - Special All Grades (K-12)	100000 - Gen Ind Techn (Gen)		KG - 12
	SP - Special All Grades (K-12)	100005 - Indust. Arts K-12		KG - 12
	VO - Vocational Education	160610 - Technology Education		
101300 - Manufacturing	AD - Adolescence to Young Adult (7-12)	101315 - Industrial Technology		7 - 12
	CT - Career Technical (4-12)	160610 - Technology Education		4 - 12
	DS (K-12) - Designated Subject (Grades K-12)	101315 - Industrial Technology		KG - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12		7 - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	101315 - Industrial Technology		7 - 12
	HS - High School (7-12)	101315 - Industrial Technology	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)		7 - 12
	SP - Special All Grades (K-12)	101320 - Industrial Technology		KG - 12
	SP - Special All Grades (K-12)	100005 - Indust. Arts K-12		KG - 12
	SP - Special All Grades (K-12)	100000 - Gen Ind Techn (Gen)		KG - 12
	VO - Vocational Education	160610 - Technology Education		
101350 - Robotics	AD - Adolescence to Young Adult (7-12)	101315 - Industrial Technology		7 - 12
	CT - Career Technical (4-12)	160610 - Technology Education		4 - 12
	DS (K-12) - Designated Subject (Grades K-12)	101315 - Industrial Technology		KG - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12		7 - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	101315 - Industrial Technology		7 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	101315 - Industrial Technology	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)		7 - 12
	SP - Special All Grades (K-12)	100005 - Indust. Arts K-12		KG - 12
	SP - Special All Grades (K-12)	100000 - Gen Ind Techn (Gen)		KG - 12
	SP - Special All Grades (K-12)	101320 - Industrial Technology		KG - 12
	VO - Vocational Education	160610 - Technology Education		

Technology

SUBJECT	CREDENTIAL	TEACHING FIELD/ENDORSEMENT	ADDITIONAL TEACHING FIELD/ENDORSEMENT	GRADES
101410 - Metals Processes	AD - Adolescence to Young Adult (7-12)	101315 - Industrial Technology		7 - 12
	CT - Career Technical (4-12)	160610 - Technology Education		4 - 12
	DS (K-12) - Designated Subject (Grades K-12)	101315 - Industrial Technology		KG - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12		7 - 12
	HS - High School (7-12)	101315 - Industrial Technology	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	101315 - Industrial Technology		7 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)		7 - 12
	SP - Special All Grades (K-12)	100000 - Gen Ind Techn (Gen)		KG - 12
	SP - Special All Grades (K-12)	101320 - Industrial Technology		KG - 12
	SP - Special All Grades (K-12)	100005 - Indust. Arts K-12		KG - 12
	VO - Vocational Education	160610 - Technology Education		
101500 - Plastics	AD - Adolescence to Young Adult (7-12)	101315 - Industrial Technology		7 - 12
	CT - Career Technical (4-12)	160610 - Technology Education		4 - 12
	DS (K-12) - Designated Subject (Grades K-12)	101315 - Industrial Technology		KG - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12		7 - 12
	HS - High School (7-12)	101315 - Industrial Technology	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	101315 - Industrial Technology		7 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)		7 - 12
	SP - Special All Grades (K-12)	100000 - Gen Ind Techn (Gen)		KG - 12
	SP - Special All Grades (K-12)	101320 - Industrial Technology		KG - 12
	SP - Special All Grades (K-12)	100005 - Indust. Arts K-12		KG - 12
	VO - Vocational Education	160610 - Technology Education		
101610 - Power Mechanics	AD - Adolescence to Young Adult (7-12)	101315 - Industrial Technology		7 - 12
	CT - Career Technical (4-12)	160610 - Technology Education		4 - 12
	DS (K-12) - Designated Subject (Grades K-12)	101315 - Industrial Technology		KG - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	101315 - Industrial Technology	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12		7 - 12
	HS - High School (7-12)	101315 - Industrial Technology		7 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)		7 - 12
	SP - Special All Grades (K-12)	101320 - Industrial Technology		KG - 12
	SP - Special All Grades (K-12)	100005 - Indust. Arts K-12		KG - 12
	SP - Special All Grades (K-12)	100000 - Gen Ind Techn (Gen)		KG - 12
	VO - Vocational Education	160610 - Technology Education		
101700 - Research and Development	AD - Adolescence to Young Adult (7-12)	101315 - Industrial Technology		7 - 12
	CT - Career Technical (4-12)	160610 - Technology Education		4 - 12
	DS (K-12) - Designated Subject (Grades K-12)	101315 - Industrial Technology		KG - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12		7 - 12
	HS - High School (7-12)	101315 - Industrial Technology	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	101315 - Industrial Technology		7 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)		7 - 12
	SP - Special All Grades (K-12)	101320 - Industrial Technology		KG - 12
	SP - Special All Grades (K-12)	100000 - Gen Ind Techn (Gen)		KG - 12
	SP - Special All Grades (K-12)	100005 - Indust. Arts K-12		KG - 12
	VO - Vocational Education	160610 - Technology Education		

Technology

SUBJECT	CREDENTIAL	TEACHING FIELD/ENDORSEMENT	ADDITIONAL TEACHING FIELD/ENDORSEMENT	GRADES
101720 - Design	AD - Adolescence to Young Adult (7-12)	101315 - Industrial Technology		7 - 12
	CT - Career Technical (4-12)	160610 - Technology Education		4 - 12
	DS (K-12) - Designated Subject (Grades K-12)	101315 - Industrial Technology		KG - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12		7 - 12
	HS - High School (7-12)	101315 - Industrial Technology	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	101315 - Industrial Technology		7 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)		7 - 12
	SP - Special All Grades (K-12)	101320 - Industrial Technology		KG - 12
	SP - Special All Grades (K-12)	100005 - Indust. Arts K-12		KG - 12
	SP - Special All Grades (K-12)	100000 - Gen Ind Techn (Gen)		KG - 12
	VO - Vocational Education	160610 - Technology Education		
101730 - Issues and Problems in Technology	AD - Adolescence to Young Adult (7-12)	101315 - Industrial Technology		7 - 12
	CT - Career Technical (4-12)	160610 - Technology Education		4 - 12
	DS (K-12) - Designated Subject (Grades K-12)	101315 - Industrial Technology		KG - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12		7 - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	101315 - Industrial Technology		7 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	101315 - Industrial Technology	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)		7 - 12
	SP - Special All Grades (K-12)	100005 - Indust. Arts K-12		KG - 12
	SP - Special All Grades (K-12)	100000 - Gen Ind Techn (Gen)		KG - 12
	SP - Special All Grades (K-12)	101320 - Industrial Technology		KG - 12
	VO - Vocational Education	160610 - Technology Education		
101800 - Service Industries	AD - Adolescence to Young Adult (7-12)	101315 - Industrial Technology		7 - 12
	CT - Career Technical (4-12)	160610 - Technology Education		4 - 12
	DS (K-12) - Designated Subject (Grades K-12)	101315 - Industrial Technology		KG - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12		7 - 12
	HS - High School (7-12)	101315 - Industrial Technology		7 - 12
	HS - High School (7-12)	101315 - Industrial Technology	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)		7 - 12
	SP - Special All Grades (K-12)	101320 - Industrial Technology		KG - 12
	SP - Special All Grades (K-12)	100005 - Indust. Arts K-12		KG - 12
	SP - Special All Grades (K-12)	100000 - Gen Ind Techn (Gen)		KG - 12
	VO - Vocational Education	160610 - Technology Education		
101900 - Woods Processes	AD - Adolescence to Young Adult (7-12)	101315 - Industrial Technology		7 - 12
	CT - Career Technical (4-12)	160610 - Technology Education		4 - 12
	DS (K-12) - Designated Subject (Grades K-12)	101315 - Industrial Technology		KG - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12		7 - 12
	HS - High School (7-12)	101315 - Industrial Technology	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	101315 - Industrial Technology		7 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)		7 - 12
	SP - Special All Grades (K-12)	101320 - Industrial Technology		KG - 12
	SP - Special All Grades (K-12)	100005 - Indust. Arts K-12		KG - 12
	SP - Special All Grades (K-12)	100000 - Gen Ind Techn (Gen)		KG - 12
	VO - Vocational Education	160610 - Technology Education		

Technology

SUBJECT	CREDENTIAL	TEACHING FIELD/ENDORSEMENT	ADDITIONAL TEACHING FIELD/ENDORSEMENT	GRADES
102000 - Communications	AD - Adolescence to Young Adult (7-12)	101315 - Industrial Technology		7 - 12
	CT - Career Technical (4-12)	160610 - Technology Education		4 - 12
	DS (K-12) - Designated Subject (Grades K-12)	101315 - Industrial Technology		KG - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12		7 - 12
	HS - High School (7-12)	101315 - Industrial Technology	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	101315 - Industrial Technology		7 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)		7 - 12
	SP - Special All Grades (K-12)	101320 - Industrial Technology		KG - 12
	SP - Special All Grades (K-12)	100005 - Indust. Arts K-12		KG - 12
	SP - Special All Grades (K-12)	100000 - Gen Ind Techn (Gen)		KG - 12
	VO - Vocational Education	160610 - Technology Education		
	102100 - Energy/Power/Transmission	AD - Adolescence to Young Adult (7-12)	101315 - Industrial Technology	
CT - Career Technical (4-12)		160610 - Technology Education		4 - 12
DS (K-12) - Designated Subject (Grades K-12)		101315 - Industrial Technology		KG - 12
HS - High School (7-12)		102000 - Ind.Arts 7-12	180200 - Middle Grades	4 - 12
HS - High School (7-12)		102000 - Ind.Arts 7-12		7 - 12
HS - High School (7-12)		101315 - Industrial Technology	180200 - Middle Grades	4 - 12
HS - High School (7-12)		101315 - Industrial Technology		7 - 12
HS - High School (7-12)		100000 - Gen Ind Techn (Gen)	180200 - Middle Grades	4 - 12
HS - High School (7-12)		100000 - Gen Ind Techn (Gen)		7 - 12
SP - Special All Grades (K-12)		101320 - Industrial Technology		KG - 12
SP - Special All Grades (K-12)		100005 - Indust. Arts K-12		KG - 12
SP - Special All Grades (K-12)		100000 - Gen Ind Techn (Gen)		KG - 12
VO - Vocational Education		160610 - Technology Education		
102285 - Technological Literacy K-3		SP - Special All Grades (K-12)	101320 - Industrial Technology	
	SP - Special All Grades (K-12)	100005 - Indust. Arts K-12		KG - 12
	SP - Special All Grades (K-12)	100000 - Gen Ind Techn (Gen)		KG - 12
102290 - Technological Literacy 4-6	CT - Career Technical (4-12)	160610 - Technology Education		4 - 12
	DS (K-12) - Designated Subject (Grades K-12)	101315 - Industrial Technology		KG - 12
	HS - High School (7-12)	101315 - Industrial Technology	180200 - Middle Grades	4 - 12
	SP - Special All Grades (K-12)	101320 - Industrial Technology		KG - 12
	SP - Special All Grades (K-12)	100005 - Indust. Arts K-12		KG - 12
	SP - Special All Grades (K-12)	100000 - Gen Ind Techn (Gen)		KG - 12
	VO - Vocational Education	160610 - Technology Education		
102295 - Technological Literacy 7-8	CT - Career Technical (4-12)	160610 - Technology Education		4 - 12
	DS (K-12) - Designated Subject (Grades K-12)	101315 - Industrial Technology		KG - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12		7 - 12
	HS - High School (7-12)	101315 - Industrial Technology	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	101315 - Industrial Technology		7 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)		7 - 12
	SP - Special All Grades (K-12)	100005 - Indust. Arts K-12		KG - 12
	SP - Special All Grades (K-12)	101320 - Industrial Technology		KG - 12
	SP - Special All Grades (K-12)	100000 - Gen Ind Techn (Gen)		KG - 12
	VO - Vocational Education	160610 - Technology Education		

Technology

SUBJECT	CREDENTIAL	TEACHING FIELD/ENDORSEMENT	ADDITIONAL TEACHING FIELD/ENDORSEMENT	GRADES
102300 - Technology Education	AD - Adolescence to Young Adult (7-12)	101315 - Industrial Technology		7 - 12
	CT - Career Technical (4-12)	160610 - Technology Education		4 - 12
	DS (K-12) - Designated Subject (Grades K-12)	101315 - Industrial Technology		KG - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12		7 - 12
	HS - High School (7-12)	101315 - Industrial Technology	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	101315 - Industrial Technology		7 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)		7 - 12
	SP - Special All Grades (K-12)	101320 - Industrial Technology		KG - 12
	SP - Special All Grades (K-12)	100005 - Indust. Arts K-12		KG - 12
	SP - Special All Grades (K-12)	100000 - Gen Ind Techn (Gen)		KG - 12
	VO - Vocational Education	160610 - Technology Education		
102500 - Industrial Computer Applications	AD - Adolescence to Young Adult (7-12)	101315 - Industrial Technology		7 - 12
	CT - Career Technical (4-12)	160610 - Technology Education		4 - 12
	DS (K-12) - Designated Subject (Grades K-12)	101315 - Industrial Technology		KG - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12		7 - 12
	HS - High School (7-12)	101315 - Industrial Technology	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	101315 - Industrial Technology		7 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)		7 - 12
	SP - Special All Grades (K-12)	101320 - Industrial Technology		KG - 12
	SP - Special All Grades (K-12)	100005 - Indust. Arts K-12		KG - 12
	SP - Special All Grades (K-12)	100000 - Gen Ind Techn (Gen)		KG - 12
	VO - Vocational Education	160610 - Technology Education		
103050 - Bio-Related and Chemical Technology Systems	AD - Adolescence to Young Adult (7-12)	101315 - Industrial Technology		7 - 12
	CT - Career Technical (4-12)	160610 - Technology Education		4 - 12
	DS (K-12) - Designated Subject (Grades K-12)	101315 - Industrial Technology		KG - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12		7 - 12
	HS - High School (7-12)	101315 - Industrial Technology	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	101315 - Industrial Technology		7 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)		7 - 12
	SP - Special All Grades (K-12)	101320 - Industrial Technology		KG - 12
	SP - Special All Grades (K-12)	100005 - Indust. Arts K-12		KG - 12
	SP - Special All Grades (K-12)	100000 - Gen Ind Techn (Gen)		KG - 12
	VO - Vocational Education	160610 - Technology Education		
107450 - Foundations of Technology	AD - Adolescence to Young Adult (7-12)	101315 - Industrial Technology		7 - 12
	DS (K-12) - Designated Subject (Grades K-12)	101315 - Industrial Technology		KG - 12
200700 - Library Science	AA - Any Standard Certificate/License	050905 - Educ Media K-12		KG - 12
	AA - Any Standard Certificate/License	050902 - Educ Media 7-12		KG - 12
	AA - Any Standard Certificate/License	050901 - Educ Media-Elem		KG - 12
	AA - Any Standard Certificate/License	050900 - Educ Media		KG - 12
	AA - Any Standard Certificate/License	050750 - Library Media Endor		KG - 12
	AA - Any Standard Certificate/License	050700 - Library Science		KG - 12
	AA - Any Standard Certificate/License	050675 - Library/Media		KG - 12
	AA - Any Standard Certificate/License	050650 - Library/Media		KG - 12
	AD - Adolescence to Young Adult (7-12)	050650 - Library/Media		7 - 12
	DS (K-12) - Designated Subject (Grades K-12)	050650 - Library/Media		KG - 12
	MA - Multi Age (P-12)	050675 - Library/Media		PS - 12

Technology

SUBJECT	CREDENTIAL	TEACHING FIELD/ENDORSEMENT	ADDITIONAL TEACHING FIELD/ENDORSEMENT	GRADES
200905 - Information Literacy	AA - Any Standard Certificate/License	050905 - Educ Media K-12		KG - 12
	AA - Any Standard Certificate/License	050902 - Educ Media 7-12		KG - 12
	AA - Any Standard Certificate/License	050901 - Educ Media-Elem		KG - 12
	AA - Any Standard Certificate/License	050900 - Educ Media		KG - 12
	AA - Any Standard Certificate/License	050750 - Library Media Endor		KG - 12
	AA - Any Standard Certificate/License	050700 - Library Science		KG - 12
	AA - Any Standard Certificate/License	050675 - Library/Media		KG - 12
	AA - Any Standard Certificate/License	050650 - Library/Media		KG - 12
	AD - Adolescence to Young Adult (7-12)	050650 - Library/Media		7 - 12
	DS (K-12) - Designated Subject (Grades K-12)	050650 - Library/Media		KG - 12
	MA - Multi Age (P-12)	050675 - Library/Media		PS - 12
	200910 - Information Literacy K-3	AA - Any Standard Certificate/License	050905 - Educ Media K-12	
AA - Any Standard Certificate/License		050901 - Educ Media-Elem		KG - 12
AA - Any Standard Certificate/License		050900 - Educ Media		KG - 12
AA - Any Standard Certificate/License		050750 - Library Media Endor		KG - 12
AA - Any Standard Certificate/License		050700 - Library Science		KG - 12
AA - Any Standard Certificate/License		050675 - Library/Media		KG - 12
HS - High School (7-12)		050901 - Educ Media-Elem		KG - 12
MA - Multi Age (P-12)		050675 - Library/Media		PS - 12
200915 - Information Literacy 4-6	AA - Any Standard Certificate/License	050905 - Educ Media K-12		KG - 12
	AA - Any Standard Certificate/License	050901 - Educ Media-Elem		KG - 12
	AA - Any Standard Certificate/License	050900 - Educ Media		KG - 12
	AA - Any Standard Certificate/License	050750 - Library Media Endor		KG - 12
	AA - Any Standard Certificate/License	050700 - Library Science		KG - 12
	AA - Any Standard Certificate/License	050675 - Library/Media		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	050650 - Library/Media		KG - 12
	HS - High School (7-12)	050901 - Educ Media-Elem		KG - 12
200920 - Information Literacy 7-8	AA - Any Standard Certificate/License	050905 - Educ Media K-12		KG - 12
	AA - Any Standard Certificate/License	050902 - Educ Media 7-12		KG - 12
	AA - Any Standard Certificate/License	050901 - Educ Media-Elem		KG - 12
	AA - Any Standard Certificate/License	050900 - Educ Media		KG - 12
	AA - Any Standard Certificate/License	050750 - Library Media Endor		KG - 12
	AA - Any Standard Certificate/License	050700 - Library Science		KG - 12
	AA - Any Standard Certificate/License	050675 - Library/Media		KG - 12
	AA - Any Standard Certificate/License	050650 - Library/Media		KG - 12
	AD - Adolescence to Young Adult (7-12)	050650 - Library/Media		7 - 12
	DS (K-12) - Designated Subject (Grades K-12)	050650 - Library/Media		KG - 12
	MA - Multi Age (P-12)	050675 - Library/Media		PS - 12
	290035 - Computer/Multimedia Literacy K-3	AA - Any Standard Certificate/License	111770 - Computer/Technology	
AA - Any Standard Certificate/License		111750 - Computer Science		KG - 12
AA - Any Standard Certificate/License		111700 - Computer Science		KG - 12
AA - Any Standard Certificate/License		050750 - Library Media Endor		KG - 12
AA - Any Standard Certificate/License		050675 - Library/Media		KG - 12
DS (K-12) - Designated Subject (Grades K-12)		030000 - Business Education		KG - 12
MA - Multi Age (P-12)		111780 - Computer Information Science		PS - 12
MA - Multi Age (P-12)		050675 - Library/Media		PS - 12
SP - Special All Grades (K-12)		101320 - Industrial Technology		KG - 12
SP - Special All Grades (K-12)		100005 - Indust. Arts K-12		KG - 12
SP - Special All Grades (K-12)	100000 - Gen Ind Techn (Gen)		KG - 12	

Technology

SUBJECT	CREDENTIAL	TEACHING FIELD/ENDORSEMENT	ADDITIONAL TEACHING FIELD/ENDORSEMENT	GRADES
290040 - Computer/Multimedia Literacy 4-6	AA - Any Standard Certificate/License	111770 - Computer/Technology		KG - 12
	AA - Any Standard Certificate/License	111750 - Computer Science		KG - 12
	AA - Any Standard Certificate/License	111700 - Computer Science		KG - 12
	AA - Any Standard Certificate/License	050905 - Educ Media K-12		KG - 12
	AA - Any Standard Certificate/License	050901 - Educ Media-Elem		KG - 12
	AA - Any Standard Certificate/License	050900 - Educ Media		KG - 12
	AA - Any Standard Certificate/License	050750 - Library Media Endor		KG - 12
	AA - Any Standard Certificate/License	050700 - Library Science		KG - 12
	AA - Any Standard Certificate/License	050675 - Library/Media		KG - 12
	CT - Career Technical (4-12)	160610 - Technology Education		4 - 12
	CT - Career Technical (4-12)	140550 - Integrated Business		4 - 12
	CT - Career Technical (4-12)	140200 - Business Information Systems		4 - 12
	DS (K-12) - Designated Subject (Grades K-12)	111700 - Computer Science		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	101315 - Industrial Technology		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	030000 - Business Education		KG - 12
	HS - High School (7-12)	101315 - Industrial Technology	180200 - Middle Grades	4 - 12
	MA - Multi Age (P-12)	111780 - Computer Information Science		PS - 12
	MA - Multi Age (P-12)	050675 - Library/Media		PS - 12
	SP - Special All Grades (K-12)	101320 - Industrial Technology		KG - 12
	SP - Special All Grades (K-12)	100005 - Indust. Arts K-12		KG - 12
	SP - Special All Grades (K-12)	100000 - Gen Ind Techn (Gen)		KG - 12
	VO - Vocational Education	160610 - Technology Education		
	VO - Vocational Education	140200 - Business Information Systems		

Technology

SUBJECT	CREDENTIAL	TEACHING FIELD/ENDORSEMENT	ADDITIONAL TEACHING FIELD/ENDORSEMENT	GRADES
290045 - Computer/Multimedia Literacy 7-8	AA - Any Standard Certificate/License	111770 - Computer/Technology		KG - 12
	AA - Any Standard Certificate/License	111750 - Computer Science		KG - 12
	AA - Any Standard Certificate/License	111700 - Computer Science		KG - 12
	AA - Any Standard Certificate/License	050905 - Educ Media K-12		KG - 12
	AA - Any Standard Certificate/License	050902 - Educ Media 7-12		KG - 12
	AA - Any Standard Certificate/License	050901 - Educ Media-Elem		KG - 12
	AA - Any Standard Certificate/License	050900 - Educ Media		KG - 12
	AA - Any Standard Certificate/License	050750 - Library Media Endor		KG - 12
	AA - Any Standard Certificate/License	050700 - Library Science		KG - 12
	AA - Any Standard Certificate/License	050675 - Library/Media		KG - 12
	AA - Any Standard Certificate/License	050650 - Library/Media		KG - 12
	AD - Adolescence to Young Adult (7-12)	111700 - Computer Science		7 - 12
	AD - Adolescence to Young Adult (7-12)	101315 - Industrial Technology		7 - 12
	AD - Adolescence to Young Adult (7-12)	050650 - Library/Media		7 - 12
	CH - Comprehensive High School (7-12)	030010 - All Bus Ed 7-8		7 - 8
	CT - Career Technical (4-12)	160610 - Technology Education		4 - 12
	CT - Career Technical (4-12)	140550 - Integrated Business		4 - 12
	CT - Career Technical (4-12)	140200 - Business Information Systems		4 - 12
	DS (K-12) - Designated Subject (Grades K-12)	111700 - Computer Science		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	101315 - Industrial Technology		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	050650 - Library/Media		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	030000 - Business Education		KG - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12		7 - 12
	HS - High School (7-12)	101315 - Industrial Technology	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	101315 - Industrial Technology		7 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)		7 - 12
	HS - High School (7-12)	030000 - Business Education	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	030000 - Business Education		7 - 12
	MA - Multi Age (P-12)	111780 - Computer Information Science		PS - 12
	MA - Multi Age (P-12)	050675 - Library/Media		PS - 12
	SP - Special All Grades (K-12)	101320 - Industrial Technology		KG - 12
	SP - Special All Grades (K-12)	100005 - Indust. Arts K-12		KG - 12
	SP - Special All Grades (K-12)	100000 - Gen Ind Techn (Gen)		KG - 12
	VO - Vocational Education	160610 - Technology Education		
	VO - Vocational Education	140200 - Business Information Systems		

Technology

SUBJECT	CREDENTIAL	TEACHING FIELD/ENDORSEMENT	ADDITIONAL TEACHING FIELD/ENDORSEMENT	GRADES
290050 - Computer/Multimedia Literacy	AA - Any Standard Certificate/License	111770 - Computer/Technology		KG - 12
	AA - Any Standard Certificate/License	111750 - Computer Science		KG - 12
	AA - Any Standard Certificate/License	111700 - Computer Science		KG - 12
	AA - Any Standard Certificate/License	050905 - Educ Media K-12		KG - 12
	AA - Any Standard Certificate/License	050902 - Educ Media 7-12		KG - 12
	AA - Any Standard Certificate/License	050901 - Educ Media-Elem		KG - 12
	AA - Any Standard Certificate/License	050900 - Educ Media		KG - 12
	AA - Any Standard Certificate/License	050750 - Library Media Endor		KG - 12
	AA - Any Standard Certificate/License	050700 - Library Science		KG - 12
	AA - Any Standard Certificate/License	050675 - Library/Media		KG - 12
	AA - Any Standard Certificate/License	050650 - Library/Media		KG - 12
	AD - Adolescence to Young Adult (7-12)	111700 - Computer Science		7 - 12
	AD - Adolescence to Young Adult (7-12)	101315 - Industrial Technology		7 - 12
	CT - Career Technical (4-12)	160610 - Technology Education		4 - 12
	CT - Career Technical (4-12)	140550 - Integrated Business		4 - 12
	CT - Career Technical (4-12)	140200 - Business Information Systems		4 - 12
	CW - Career Technical Workforce Development	140200 - Business Information Systems		4 - 12
	DS (K-12) - Designated Subject (Grades K-12)	111700 - Computer Science		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	101315 - Industrial Technology		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	050650 - Library/Media		KG - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12		7 - 12
	HS - High School (7-12)	101315 - Industrial Technology	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	101315 - Industrial Technology		7 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)		7 - 12
	MA - Multi Age (P-12)	111780 - Computer Information Science		PS - 12
	MA - Multi Age (P-12)	050675 - Library/Media		PS - 12
	SP - Special All Grades (K-12)	101320 - Industrial Technology		KG - 12
	SP - Special All Grades (K-12)	100005 - Indust. Arts K-12		KG - 12
	SP - Special All Grades (K-12)	100000 - Gen Ind Techn (Gen)		KG - 12
	VO - Vocational Education	160610 - Technology Education		
	VO - Vocational Education	149000 - Vocational BOE Comprehensive		
	VO - Vocational Education	140200 - Business Information Systems		

Technology

SUBJECT	CREDENTIAL	TEACHING FIELD/ENDORSEMENT	ADDITIONAL TEACHING FIELD/ENDORSEMENT	GRADES
290075 - Technology: Electronic Resources	AA - Any Standard Certificate/License	111770 - Computer/Technology		KG - 12
	AA - Any Standard Certificate/License	111750 - Computer Science		KG - 12
	AA - Any Standard Certificate/License	111700 - Computer Science		KG - 12
	AA - Any Standard Certificate/License	050905 - Educ Media K-12		KG - 12
	AA - Any Standard Certificate/License	050902 - Educ Media 7-12		KG - 12
	AA - Any Standard Certificate/License	050900 - Educ Media		KG - 12
	AA - Any Standard Certificate/License	050750 - Library Media Endor		KG - 12
	AA - Any Standard Certificate/License	050700 - Library Science		KG - 12
	AA - Any Standard Certificate/License	050675 - Library/Media		KG - 12
	AA - Any Standard Certificate/License	050650 - Library/Media		KG - 12
	AD - Adolescence to Young Adult (7-12)	111700 - Computer Science		7 - 12
	AD - Adolescence to Young Adult (7-12)	101315 - Industrial Technology		7 - 12
	AD - Adolescence to Young Adult (7-12)	050650 - Library/Media		7 - 12
	CT - Career Technical (4-12)	160610 - Technology Education		4 - 12
	DS (K-12) - Designated Subject (Grades K-12)	111700 - Computer Science		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	101315 - Industrial Technology		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	050650 - Library/Media		KG - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12		7 - 12
	HS - High School (7-12)	101315 - Industrial Technology	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	101315 - Industrial Technology		7 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)		7 - 12
	MA - Multi Age (P-12)	111780 - Computer Information Science		PS - 12
	MA - Multi Age (P-12)	050675 - Library/Media		PS - 12
	SP - Special All Grades (K-12)	101320 - Industrial Technology		KG - 12
	SP - Special All Grades (K-12)	100005 - Indust. Arts K-12		KG - 12
	SP - Special All Grades (K-12)	100000 - Gen Ind Techn (Gen)		KG - 12
	VO - Vocational Education	160610 - Technology Education		

Technology

SUBJECT	CREDENTIAL	TEACHING FIELD/ENDORSEMENT	ADDITIONAL TEACHING FIELD/ENDORSEMENT	GRADES
290100 - Technology-Productivity Tools	AA - Any Standard Certificate/License	111770 - Computer/Technology		KG - 12
	AA - Any Standard Certificate/License	111750 - Computer Science		KG - 12
	AA - Any Standard Certificate/License	111700 - Computer Science		KG - 12
	AA - Any Standard Certificate/License	050750 - Library Media Endor		KG - 12
	AD - Adolescence to Young Adult (7-12)	111700 - Computer Science		7 - 12
	AD - Adolescence to Young Adult (7-12)	101315 - Industrial Technology		7 - 12
	AD - Adolescence to Young Adult (7-12)	030000 - Business Education		7 - 12
	CH - Comprehensive High School (7-12)	030010 - All Bus Ed 7-8		7 - 8
	CT - Career Technical (4-12)	160610 - Technology Education		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)	140200 - Business Information Systems		4 - 12
	CT - Career Technical (4-12)	031700 - Data Systems		4 - 12
	CW - Career Technical Workforce Development	140800 - Business Administration & Management		4 - 12
	CW - Career Technical Workforce Development	140200 - Business Information Systems		4 - 12
	CW - Career Technical Workforce Development	031700 - Data Systems		4 - 12
	DS (K-12) - Designated Subject (Grades K-12)	111700 - Computer Science		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	101315 - Industrial Technology		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	030000 - Business Education		KG - 12
	HS - High School (7-12)	101315 - Industrial Technology	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	101315 - Industrial Technology		7 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12		7 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)		7 - 12
	HS - High School (7-12)	031700 - Data Systems	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	031700 - Data Systems		7 - 12
	HS - High School (7-12)	030050 - Business Education without Shorthand	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	030050 - Business Education without Shorthand		7 - 12
	HS - High School (7-12)	030000 - Business Education	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	030000 - Business Education		7 - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12	180200 - Middle Grades	4 - 12
	MA - Multi Age (P-12)	111780 - Computer Information Science		PS - 12
	SP - Special All Grades (K-12)	101320 - Industrial Technology		KG - 12
	SP - Special All Grades (K-12)	100005 - Indust. Arts K-12		KG - 12
	SP - Special All Grades (K-12)	100000 - Gen Ind Techn (Gen)		KG - 12
	SP - Special All Grades (K-12)	031700 - Data Systems		KG - 12
	VO - Vocational Education	160610 - Technology Education		
	VO - Vocational Education	149002 - Vocational BOE w/o Shorthand		
	VO - Vocational Education	149000 - Vocational BOE Comprehensive		
	VO - Vocational Education	140800 - Business Administration & Management		
	VO - Vocational Education	140300 - Administrative Office Technology		
	VO - Vocational Education	140200 - Business Information Systems		
	VO - Vocational Education	031750 - Data Processing (9-12)		
VO - Vocational Education	031700 - Data Systems			

Technology

SUBJECT	CREDENTIAL	TEACHING FIELD/ENDORSEMENT	ADDITIONAL TEACHING FIELD/ENDORSEMENT	GRADES
290110 - Technology-Communication Tools	AA - Any Standard Certificate/License	111770 - Computer/Technology		KG - 12
	AA - Any Standard Certificate/License	111750 - Computer Science		KG - 12
	AA - Any Standard Certificate/License	111700 - Computer Science		KG - 12
	AA - Any Standard Certificate/License	050905 - Educ Media K-12		KG - 12
	AA - Any Standard Certificate/License	050902 - Educ Media 7-12		KG - 12
	AA - Any Standard Certificate/License	050900 - Educ Media		KG - 12
	AA - Any Standard Certificate/License	050750 - Library Media Endor		KG - 12
	AA - Any Standard Certificate/License	050700 - Library Science		KG - 12
	AA - Any Standard Certificate/License	050675 - Library/Media		KG - 12
	AA - Any Standard Certificate/License	050650 - Library/Media		KG - 12
	AD - Adolescence to Young Adult (7-12)	111700 - Computer Science		7 - 12
	AD - Adolescence to Young Adult (7-12)	101315 - Industrial Technology		7 - 12
	AD - Adolescence to Young Adult (7-12)	050650 - Library/Media		7 - 12
	CT - Career Technical (4-12)	160610 - Technology Education		4 - 12
	DS (K-12) - Designated Subject (Grades K-12)	111700 - Computer Science		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	101315 - Industrial Technology		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	050650 - Library/Media		KG - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12		7 - 12
	HS - High School (7-12)	101315 - Industrial Technology	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	101315 - Industrial Technology		7 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)		7 - 12
	MA - Multi Age (P-12)	111780 - Computer Information Science		PS - 12
	MA - Multi Age (P-12)	050675 - Library/Media		PS - 12
	SP - Special All Grades (K-12)	101320 - Industrial Technology		KG - 12
	SP - Special All Grades (K-12)	100005 - Indust. Arts K-12		KG - 12
	SP - Special All Grades (K-12)	100000 - Gen Ind Techn (Gen)		KG - 12
	VO - Vocational Education	160610 - Technology Education		
	290120 - Technology-Problem-Solving Tools	AA - Any Standard Certificate/License	111770 - Computer/Technology	
AA - Any Standard Certificate/License		111750 - Computer Science		KG - 12
AA - Any Standard Certificate/License		111700 - Computer Science		KG - 12
AA - Any Standard Certificate/License		050750 - Library Media Endor		KG - 12
AD - Adolescence to Young Adult (7-12)		111700 - Computer Science		7 - 12
AD - Adolescence to Young Adult (7-12)		101315 - Industrial Technology		7 - 12
CT - Career Technical (4-12)		160610 - Technology Education		4 - 12
DS (K-12) - Designated Subject (Grades K-12)		111700 - Computer Science		KG - 12
DS (K-12) - Designated Subject (Grades K-12)		101315 - Industrial Technology		KG - 12
HS - High School (7-12)		102000 - Ind.Arts 7-12	180200 - Middle Grades	4 - 12
HS - High School (7-12)		102000 - Ind.Arts 7-12		7 - 12
HS - High School (7-12)		101315 - Industrial Technology	180200 - Middle Grades	4 - 12
HS - High School (7-12)		101315 - Industrial Technology		7 - 12
HS - High School (7-12)		100000 - Gen Ind Techn (Gen)	180200 - Middle Grades	4 - 12
HS - High School (7-12)		100000 - Gen Ind Techn (Gen)		7 - 12
MA - Multi Age (P-12)		111780 - Computer Information Science		PS - 12
SP - Special All Grades (K-12)		101320 - Industrial Technology		KG - 12
SP - Special All Grades (K-12)		100005 - Indust. Arts K-12		KG - 12
SP - Special All Grades (K-12)		100000 - Gen Ind Techn (Gen)		KG - 12
VO - Vocational Education		160610 - Technology Education		

Technology

SUBJECT	CREDENTIAL	TEACHING FIELD/ENDORSEMENT	ADDITIONAL TEACHING FIELD/ENDORSEMENT	GRADES
290130 - Internet Searching	AA - Any Standard Certificate/License	111770 - Computer/Technology		KG - 12
	AA - Any Standard Certificate/License	111750 - Computer Science		KG - 12
	AA - Any Standard Certificate/License	111700 - Computer Science		KG - 12
	AA - Any Standard Certificate/License	050905 - Educ Media K-12		KG - 12
	AA - Any Standard Certificate/License	050902 - Educ Media 7-12		KG - 12
	AA - Any Standard Certificate/License	050900 - Educ Media		KG - 12
	AA - Any Standard Certificate/License	050750 - Library Media Endor		KG - 12
	AA - Any Standard Certificate/License	050700 - Library Science		KG - 12
	AA - Any Standard Certificate/License	050675 - Library/Media		KG - 12
	AA - Any Standard Certificate/License	050650 - Library/Media		KG - 12
	AD - Adolescence to Young Adult (7-12)	111700 - Computer Science		7 - 12
	AD - Adolescence to Young Adult (7-12)	101315 - Industrial Technology		7 - 12
	AD - Adolescence to Young Adult (7-12)	050650 - Library/Media		7 - 12
	CT - Career Technical (4-12)	160610 - Technology Education		4 - 12
	DS (K-12) - Designated Subject (Grades K-12)	111700 - Computer Science		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	101315 - Industrial Technology		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	050650 - Library/Media		KG - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12		7 - 12
	HS - High School (7-12)	101315 - Industrial Technology	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	101315 - Industrial Technology		7 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)		7 - 12
	MA - Multi Age (P-12)	111780 - Computer Information Science		PS - 12
	MA - Multi Age (P-12)	050675 - Library/Media		PS - 12
	SP - Special All Grades (K-12)	101320 - Industrial Technology		KG - 12
	SP - Special All Grades (K-12)	100005 - Indust. Arts K-12		KG - 12
	SP - Special All Grades (K-12)	100000 - Gen Ind Techn (Gen)		KG - 12
	VO - Vocational Education	160610 - Technology Education		

Technology

SUBJECT	CREDENTIAL	TEACHING FIELD/ENDORSEMENT	ADDITIONAL TEACHING FIELD/ENDORSEMENT	GRADES	
290140 - Technology and Ethics	AA - Any Standard Certificate/License	111770 - Computer/Technology		KG - 12	
	AA - Any Standard Certificate/License	111750 - Computer Science		KG - 12	
	AA - Any Standard Certificate/License	111700 - Computer Science		KG - 12	
	AA - Any Standard Certificate/License	050905 - Educ Media K-12		KG - 12	
	AA - Any Standard Certificate/License	050902 - Educ Media 7-12		KG - 12	
	AA - Any Standard Certificate/License	050900 - Educ Media		KG - 12	
	AA - Any Standard Certificate/License	050750 - Library Media Endor		KG - 12	
	AA - Any Standard Certificate/License	050700 - Library Science		KG - 12	
	AA - Any Standard Certificate/License	050675 - Library/Media		KG - 12	
	AA - Any Standard Certificate/License	050650 - Library/Media		KG - 12	
	AD - Adolescence to Young Adult (7-12)	111700 - Computer Science		7 - 12	
	AD - Adolescence to Young Adult (7-12)	101315 - Industrial Technology		7 - 12	
	CT - Career Technical (4-12)	160610 - Technology Education		4 - 12	
	DS (K-12) - Designated Subject (Grades K-12)	111700 - Computer Science		KG - 12	
	DS (K-12) - Designated Subject (Grades K-12)	101315 - Industrial Technology		KG - 12	
	DS (K-12) - Designated Subject (Grades K-12)	050650 - Library/Media		KG - 12	
	HS - High School (7-12)	102000 - Ind.Arts 7-12	180200 - Middle Grades	4 - 12	
	HS - High School (7-12)	102000 - Ind.Arts 7-12		7 - 12	
	HS - High School (7-12)	101315 - Industrial Technology	180200 - Middle Grades	4 - 12	
	HS - High School (7-12)	101315 - Industrial Technology		7 - 12	
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)	180200 - Middle Grades	4 - 12	
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)		7 - 12	
	MA - Multi Age (P-12)	111780 - Computer Information Science		PS - 12	
	MA - Multi Age (P-12)	050675 - Library/Media		PS - 12	
	SP - Special All Grades (K-12)	101320 - Industrial Technology		KG - 12	
	SP - Special All Grades (K-12)	100005 - Indust. Arts K-12		KG - 12	
	SP - Special All Grades (K-12)	100000 - Gen Ind Techn (Gen)		KG - 12	
	VO - Vocational Education	160610 - Technology Education			
	290150 - Computer Graphics	AA - Any Standard Certificate/License	111770 - Computer/Technology		KG - 12
		AA - Any Standard Certificate/License	111750 - Computer Science		KG - 12
AA - Any Standard Certificate/License		111700 - Computer Science		KG - 12	
AD - Adolescence to Young Adult (7-12)		111700 - Computer Science		7 - 12	
AD - Adolescence to Young Adult (7-12)		101315 - Industrial Technology		7 - 12	
CT - Career Technical (4-12)		160610 - Technology Education		4 - 12	
DS (K-12) - Designated Subject (Grades K-12)		111700 - Computer Science		KG - 12	
DS (K-12) - Designated Subject (Grades K-12)		101315 - Industrial Technology		KG - 12	
HS - High School (7-12)		102000 - Ind.Arts 7-12	180200 - Middle Grades	4 - 12	
HS - High School (7-12)		102000 - Ind.Arts 7-12		7 - 12	
HS - High School (7-12)		101315 - Industrial Technology	180200 - Middle Grades	4 - 12	
HS - High School (7-12)		101315 - Industrial Technology		7 - 12	
HS - High School (7-12)		100000 - Gen Ind Techn (Gen)	180200 - Middle Grades	4 - 12	
HS - High School (7-12)		100000 - Gen Ind Techn (Gen)		7 - 12	
MA - Multi Age (P-12)		111780 - Computer Information Science		PS - 12	
SP - Special All Grades (K-12)		101320 - Industrial Technology		KG - 12	
SP - Special All Grades (K-12)		100005 - Indust. Arts K-12		KG - 12	
SP - Special All Grades (K-12)		100000 - Gen Ind Techn (Gen)		KG - 12	
VO - Vocational Education		160610 - Technology Education			

Technology

SUBJECT	CREDENTIAL	TEACHING FIELD/ENDORSEMENT	ADDITIONAL TEACHING FIELD/ENDORSEMENT	GRADES
290160 - Web Site Development	AA - Any Standard Certificate/License	111770 - Computer/Technology		KG - 12
	AA - Any Standard Certificate/License	111750 - Computer Science		KG - 12
	AA - Any Standard Certificate/License	111700 - Computer Science		KG - 12
	AD - Adolescence to Young Adult (7-12)	111700 - Computer Science		7 - 12
	AD - Adolescence to Young Adult (7-12)	101315 - Industrial Technology		7 - 12
	CT - Career Technical (4-12)	160610 - Technology Education		4 - 12
	DS (K-12) - Designated Subject (Grades K-12)	111700 - Computer Science		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	101315 - Industrial Technology		KG - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12		7 - 12
	HS - High School (7-12)	101315 - Industrial Technology	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	101315 - Industrial Technology		7 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)		7 - 12
	MA - Multi Age (P-12)	111780 - Computer Information Science		PS - 12
	SP - Special All Grades (K-12)	101320 - Industrial Technology		KG - 12
	SP - Special All Grades (K-12)	100005 - Indust. Arts K-12		KG - 12
	SP - Special All Grades (K-12)	100000 - Gen Ind Techn (Gen)		KG - 12
	VO - Vocational Education	160610 - Technology Education		
290165 - Advanced Web Site Development	AA - Any Standard Certificate/License	111770 - Computer/Technology		KG - 12
	AA - Any Standard Certificate/License	111750 - Computer Science		KG - 12
	AA - Any Standard Certificate/License	111700 - Computer Science		KG - 12
	AD - Adolescence to Young Adult (7-12)	111700 - Computer Science		7 - 12
	AD - Adolescence to Young Adult (7-12)	101315 - Industrial Technology		7 - 12
	CT - Career Technical (4-12)	160610 - Technology Education		4 - 12
	DS (K-12) - Designated Subject (Grades K-12)	111700 - Computer Science		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	101315 - Industrial Technology		KG - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12		7 - 12
	HS - High School (7-12)	101315 - Industrial Technology	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	101315 - Industrial Technology		7 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)		7 - 12
	MA - Multi Age (P-12)	111780 - Computer Information Science		PS - 12
	SP - Special All Grades (K-12)	101320 - Industrial Technology		KG - 12
	SP - Special All Grades (K-12)	100005 - Indust. Arts K-12		KG - 12
	SP - Special All Grades (K-12)	100000 - Gen Ind Techn (Gen)		KG - 12
	VO - Vocational Education	160610 - Technology Education		

Technology

SUBJECT	CREDENTIAL	TEACHING FIELD/ENDORSEMENT	ADDITIONAL TEACHING FIELD/ENDORSEMENT	GRADES
290170 - Networking	AA - Any Standard Certificate/License	111770 - Computer/Technology		KG - 12
	AA - Any Standard Certificate/License	111750 - Computer Science		KG - 12
	AA - Any Standard Certificate/License	111700 - Computer Science		KG - 12
	AD - Adolescence to Young Adult (7-12)	111700 - Computer Science		7 - 12
	AD - Adolescence to Young Adult (7-12)	101315 - Industrial Technology		7 - 12
	CT - Career Technical (4-12)	160610 - Technology Education		4 - 12
	CT - Career Technical (4-12)	140550 - Integrated Business		4 - 12
	DS (K-12) - Designated Subject (Grades K-12)	111700 - Computer Science		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	101315 - Industrial Technology		KG - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12		7 - 12
	HS - High School (7-12)	101315 - Industrial Technology	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	101315 - Industrial Technology		7 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)		7 - 12
	MA - Multi Age (P-12)	111780 - Computer Information Science		PS - 12
	SP - Special All Grades (K-12)	101320 - Industrial Technology		KG - 12
	SP - Special All Grades (K-12)	100005 - Indust. Arts K-12		KG - 12
	SP - Special All Grades (K-12)	100000 - Gen Ind Techn (Gen)		KG - 12
	VO - Vocational Education	160610 - Technology Education		
VO - Vocational Education	140200 - Business Information Systems			
290180 - Computer Repair	AA - Any Standard Certificate/License	111770 - Computer/Technology		KG - 12
	AA - Any Standard Certificate/License	111750 - Computer Science		KG - 12
	AA - Any Standard Certificate/License	111700 - Computer Science		KG - 12
	AD - Adolescence to Young Adult (7-12)	111700 - Computer Science		7 - 12
	AD - Adolescence to Young Adult (7-12)	101315 - Industrial Technology		7 - 12
	CT - Career Technical (4-12)	160610 - Technology Education		4 - 12
	CT - Career Technical (4-12)	140200 - Business Information Systems		4 - 12
	CW - Career Technical Workforce Development	140200 - Business Information Systems		4 - 12
	DS (K-12) - Designated Subject (Grades K-12)	111700 - Computer Science		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	101315 - Industrial Technology		KG - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12		7 - 12
	HS - High School (7-12)	101315 - Industrial Technology	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	101315 - Industrial Technology		7 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)		7 - 12
	MA - Multi Age (P-12)	111780 - Computer Information Science		PS - 12
	SP - Special All Grades (K-12)	101320 - Industrial Technology		KG - 12
	SP - Special All Grades (K-12)	100005 - Indust. Arts K-12		KG - 12
	SP - Special All Grades (K-12)	100000 - Gen Ind Techn (Gen)		KG - 12
VO - Vocational Education	160610 - Technology Education			
VO - Vocational Education	140200 - Business Information Systems			

Technology

SUBJECT	CREDENTIAL	TEACHING FIELD/ENDORSEMENT	ADDITIONAL TEACHING FIELD/ENDORSEMENT	GRADES
290200 - Computer Science	AA - Any Standard Certificate/License	111750 - Computer Science		KG - 12
	AA - Any Standard Certificate/License	111700 - Computer Science		KG - 12
	AD - Adolescence to Young Adult (7-12)	111700 - Computer Science		7 - 12
	CT - Career Technical (4-12)	140200 - Business Information Systems		4 - 12
	CT - Career Technical (4-12)	031700 - Data Systems		4 - 12
	CW - Career Technical Workforce Development	140200 - Business Information Systems		4 - 12
	CW - Career Technical Workforce Development	031700 - Data Systems		4 - 12
	DS (K-12) - Designated Subject (Grades K-12)	111700 - Computer Science		KG - 12
	HS - High School (7-12)	031700 - Data Systems	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	031700 - Data Systems		7 - 12
	MA - Multi Age (P-12)	111780 - Computer Information Science		PS - 12
	SP - Special All Grades (K-12)	031700 - Data Systems		KG - 12
	VO - Vocational Education	140200 - Business Information Systems		
290250 - Computer Science Principles	AA - Any Standard Certificate/License	111750 - Computer Science		KG - 12
	AA - Any Standard Certificate/License	111700 - Computer Science		KG - 12
	AD - Adolescence to Young Adult (7-12)	111700 - Computer Science		7 - 12
	DS (K-12) - Designated Subject (Grades K-12)	111700 - Computer Science		KG - 12
	MA - Multi Age (P-12)	111780 - Computer Information Science		PS - 12
290310 - Computer Science A	AA - Any Standard Certificate/License	111750 - Computer Science		KG - 12
	AA - Any Standard Certificate/License	111700 - Computer Science		KG - 12
	AD - Adolescence to Young Adult (7-12)	111700 - Computer Science		7 - 12
	DS (K-12) - Designated Subject (Grades K-12)	111700 - Computer Science		KG - 12
	MA - Multi Age (P-12)	111780 - Computer Information Science		PS - 12
290320 - Computer Science AB	AA - Any Standard Certificate/License	111750 - Computer Science		KG - 12
	AA - Any Standard Certificate/License	111700 - Computer Science		KG - 12
	AD - Adolescence to Young Adult (7-12)	111700 - Computer Science		7 - 12
	DS (K-12) - Designated Subject (Grades K-12)	111700 - Computer Science		KG - 12
	MA - Multi Age (P-12)	111780 - Computer Information Science		PS - 12
299999 - Other Computer Technology	AA - Any Standard Certificate/License	111770 - Computer/Technology		KG - 12
	AA - Any Standard Certificate/License	111750 - Computer Science		KG - 12
	AA - Any Standard Certificate/License	111700 - Computer Science		KG - 12
	AD - Adolescence to Young Adult (7-12)	111700 - Computer Science		7 - 12
	DS (K-12) - Designated Subject (Grades K-12)	111700 - Computer Science		KG - 12
	MA - Multi Age (P-12)	111780 - Computer Information Science		PS - 12