

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)

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
141000 - Business Foundations	AD - Adolescence to Young Adult (7-12)	030000 - Business Education		7 - 12
	AD - Adolescence to Young Adult (7-12)	030300 - Bookkeeping/ Basic Business		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	030000 - Business Education		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	030300 - Bookkeeping/ Basic Business		7 - 12
	CH - Comprehensive High School (7-12)	030325 - Bookkeeping/Basic Business (9-12)		7 - 12
	CT - Career Technical (4-12)	040800 - Marketing		4 - 12
	CT - Career Technical (4-12)	140100 - Accounting		4 - 12
	CT - Career Technical (4-12)	140370 - Medical Office Management		4 - 12
	CT - Career Technical (4-12)	140550 - Integrated Business		4 - 12
	CT - Career Technical (4-12)	040840 - Sports Marketing		4 - 12
	CT - Career Technical (4-12)	140210 - Information Services and Support		4 - 12
	CT - Career Technical (4-12)	140800 - Business Administration & Management		4 - 12
	CT - Career Technical (4-12)	040810 - Marketing Management		4 - 12
	CT - Career Technical (4-12)	047000 - Marketing Communications		4 - 12
	CT - Career Technical (4-12)	140240 - Interactive Media		4 - 12
	CT - Career Technical (4-12)	140300 - Administrative Office Technology		4 - 12
	CT - Career Technical (4-12)	040820 - E-Commerce Marketing		4 - 12
	CT - Career Technical (4-12)	140350 - Legal Office Management		4 - 12
	CT - Career Technical (4-12)	040830 - Marketing Technology		4 - 12
	CT - Career Technical (4-12)	140200 - Business Information Systems		4 - 12
	CT - Career Technical (4-12)	140230 - Programming/Software Development		4 - 12
	CT - Career Technical (4-12)	140220 - Network Systems		4 - 12
	CT - Career Technical (4-12)	041900 - Acquisition and Logistics		4 - 12
	CW - Career Technical Workforce Development	140350 - Legal Office Management		4 - 12
	CW - Career Technical Workforce Development	041900 - Acquisition and Logistics		4 - 12
	CW - Career Technical Workforce Development	040810 - Marketing Management		4 - 12
	CW - Career Technical Workforce Development	140200 - Business Information Systems		4 - 12
	CW - Career Technical Workforce Development	040830 - Marketing Technology		4 - 12
	CW - Career Technical Workforce Development	140100 - Accounting		4 - 12
	CW - Career Technical Workforce Development	140240 - Interactive Media		4 - 12
	CW - Career Technical Workforce Development	140210 - Information Services and Support		4 - 12
	CW - Career Technical Workforce Development	047000 - Marketing Communications		4 - 12
	CW - Career Technical Workforce Development	140220 - Network Systems		4 - 12
	CW - Career Technical Workforce Development	140800 - Business Administration & Management		4 - 12
	CW - Career Technical Workforce Development	040840 - Sports Marketing		4 - 12
	CW - Career Technical Workforce Development	140230 - Programming/Software Development		4 - 12
	CW - Career Technical Workforce Development	140300 - Administrative Office Technology		4 - 12
	CW - Career Technical Workforce Development	140370 - Medical Office Management		4 - 12
	DS (4-12) - Designated Subject (4-12)	030000 - Business Education		4 - 12
	HS - High School (7-12)	030398 - Cooperative Office Education		7 - 12
	HS - High School (7-12)	030000 - Business Education		7 - 12
	HS - High School (7-12)	031399 - Intensive Office Education		7 - 12
	HS - High School (7-12)	030300 - Bookkeeping/ Basic Business		7 - 12
	HS - High School (7-12)	030175 - All Bus W/O Shrt 7-		7 - 12
	HS - High School (7-12)	030325 - Bookkeeping/Basic Business (9-12)		7 - 12
	HS - High School (7-12)	030050 - Business Education without Shorthand		7 - 12
	HS - High School (7-12)	030150 - All Business (7-12)		7 - 12
	VO - Vocational Education	140100 - Accounting		
	VO - Vocational Education	140230 - Programming/Software Development		
	VO - Vocational Education	140300 - Administrative Office Technology		
VO - Vocational Education	140210 - Information Services and Support			
VO - Vocational Education	040900 - Me-Hdw/Bdg Mtl Gseq			
VO - Vocational Education	140240 - Interactive Media			
VO - Vocational Education	041900 - Acquisition and Logistics			
VO - Vocational Education	140200 - Business Information Systems			
VO - Vocational Education	049950 - General Marketing			
VO - Vocational Education	140220 - Network Systems			
VO - Vocational Education	040820 - E-Commerce Marketing			

Business Administration

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
141000 - Business Foundations	VO - Vocational Education	040800 - Marketing		
	VO - Vocational Education	040810 - Marketing Management		
	VO - Vocational Education	040000 - AWE Marketing Education		
	VO - Vocational Education	040600 - Me-Food Distributio		
	VO - Vocational Education	040830 - Marketing Technology		
	VO - Vocational Education	140370 - Medical Office Management		
	VO - Vocational Education	149000 - Vocational BOE Comprehensive		
	VO - Vocational Education	140800 - Business Administration & Management		
	VO - Vocational Education	149001 - Vocational BOE w/o Data Processing		
	VO - Vocational Education	149002 - Vocational BOE w/o Shorthand		
	VO - Vocational Education	149003 - Vocational BOE w/o Data Processing and Shorthand		
	VO - Vocational Education	140550 - Integrated Business		
	VO - Vocational Education	140350 - Legal Office Management		

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
141005 - Business Applications and Economics	AD - Adolescence to Young Adult (7-12)	030300 - Bookkeeping/ Basic Business		7 - 12
	AD - Adolescence to Young Adult (7-12)	030000 - Business Education		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	030000 - Business Education		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	030300 - Bookkeeping/ Basic Business		7 - 12
	CH - Comprehensive High School (7-12)	030325 - Bookkeeping/Basic Business (9-12)		7 - 12
	CT - Career Technical (4-12)	140370 - Medical Office Management		4 - 12
	CT - Career Technical (4-12)	140550 - Integrated Business		4 - 12
	CT - Career Technical (4-12)	140100 - Accounting		4 - 12
	CT - Career Technical (4-12)	140350 - Legal Office Management		4 - 12
	CT - Career Technical (4-12)	040840 - Sports Marketing		4 - 12
	CT - Career Technical (4-12)	047000 - Marketing Communications		4 - 12
	CT - Career Technical (4-12)	140800 - Business Administration & Management		4 - 12
	CT - Career Technical (4-12)	140300 - Administrative Office Technology		4 - 12
	CT - Career Technical (4-12)	040820 - E-Commerce Marketing		4 - 12
	CT - Career Technical (4-12)	040800 - Marketing		4 - 12
	CT - Career Technical (4-12)	040830 - Marketing Technology		4 - 12
	CT - Career Technical (4-12)	041900 - Acquisition and Logistics		4 - 12
	CT - Career Technical (4-12)	040810 - Marketing Management		4 - 12
	CW - Career Technical Workforce Development	140800 - Business Administration & 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	140350 - Legal Office Management		4 - 12
	CW - Career Technical Workforce Development	040840 - Sports Marketing		4 - 12
	CW - Career Technical Workforce Development	041900 - Acquisition and Logistics		4 - 12
	CW - Career Technical Workforce Development	047000 - Marketing Communications		4 - 12
	CW - Career Technical Workforce Development	140370 - Medical Office Management		4 - 12
	CW - Career Technical Workforce Development	040830 - Marketing Technology		4 - 12
	CW - Career Technical Workforce Development	040810 - Marketing Management		4 - 12
	DS (4-12) - Designated Subject (4-12)	030000 - Business Education		4 - 12
	HS - High School (7-12)	030398 - Cooperative Office Education		7 - 12
	HS - High School (7-12)	031399 - Intensive Office Education		7 - 12
	HS - High School (7-12)	030150 - All Business (7-12)		7 - 12
	HS - High School (7-12)	030300 - Bookkeeping/ Basic Business		7 - 12
	HS - High School (7-12)	030175 - All Bus W/O Shrt 7-		7 - 12
	HS - High School (7-12)	030000 - Business Education		7 - 12
	HS - High School (7-12)	030050 - Business Education without Shorthand		7 - 12
	VO - Vocational Education	149003 - Vocational BOE w/o Data Processing and Shorthand		
	VO - Vocational Education	149000 - Vocational BOE Comprehensive		
	VO - Vocational Education	149001 - Vocational BOE w/o Data Processing		
	VO - Vocational Education	140550 - Integrated Business		
	VO - Vocational Education	140800 - Business Administration & Management		
	VO - Vocational Education	140350 - Legal Office Management		
	VO - Vocational Education	049950 - General Marketing		
	VO - Vocational Education	140300 - Administrative Office Technology		
	VO - Vocational Education	140100 - Accounting		
	VO - Vocational Education	040820 - E-Commerce Marketing		
	VO - Vocational Education	140370 - Medical Office Management		
	VO - Vocational Education	040800 - Marketing		
	VO - Vocational Education	041900 - Acquisition and Logistics		
	VO - Vocational Education	040000 - AWE Marketing Education		
VO - Vocational Education	040810 - Marketing Management			
VO - Vocational Education	040830 - Marketing Technology			
VO - Vocational Education	149002 - Vocational BOE w/o Shorthand			
VO - Vocational Education	040600 - Me-Food Distributio			

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
141010 - Business Administration Marketing	AD - Adolescence to Young Adult (7-12)	030300 - Bookkeeping/ Basic Business		7 - 12
	AD - Adolescence to Young Adult (7-12)	030000 - Business Education		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	030300 - Bookkeeping/ Basic Business		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	030000 - Business Education		7 - 12
	CH - Comprehensive High School (7-12)	030325 - Bookkeeping/Basic Business (9-12)		7 - 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)	140100 - Accounting		4 - 12
	CT - Career Technical (4-12)	041900 - Acquisition and Logistics		4 - 12
	CT - Career Technical (4-12)	040840 - Sports Marketing		4 - 12
	CT - Career Technical (4-12)	047000 - Marketing Communications		4 - 12
	CT - Career Technical (4-12)	040810 - Marketing Management		4 - 12
	CT - Career Technical (4-12)	040830 - Marketing Technology		4 - 12
	CT - Career Technical (4-12)	140800 - Business Administration & Management		4 - 12
	CT - Career Technical (4-12)	040820 - E-Commerce Marketing		4 - 12
	CT - Career Technical (4-12)	040800 - Marketing		4 - 12
	CW - Career Technical Workforce Development	140350 - Legal Office Management		4 - 12
	CW - Career Technical Workforce Development	041900 - Acquisition and Logistics		4 - 12
	CW - Career Technical Workforce Development	140370 - Medical Office Management		4 - 12
	CW - Career Technical Workforce Development	140800 - Business Administration & Management		4 - 12
	CW - Career Technical Workforce Development	140100 - Accounting		4 - 12
	CW - Career Technical Workforce Development	047000 - Marketing Communications		4 - 12
	CW - Career Technical Workforce Development	140300 - Administrative Office Technology		4 - 12
	CW - Career Technical Workforce Development	040830 - Marketing Technology		4 - 12
	CW - Career Technical Workforce Development	040840 - Sports Marketing		4 - 12
	CW - Career Technical Workforce Development	040810 - Marketing Management		4 - 12
	DS (4-12) - Designated Subject (4-12)	030000 - Business Education		4 - 12
	DS (K-12) - Designated Subject (Grades K-12)	030000 - Business Education		KG - 12
	HS - High School (7-12)	030300 - Bookkeeping/ Basic Business		7 - 12
	HS - High School (7-12)	031399 - Intensive Office Education		7 - 12
	HS - High School (7-12)	030398 - Cooperative Office Education		7 - 12
	HS - High School (7-12)	030175 - All Bus W/O Shrt 7-		7 - 12
	HS - High School (7-12)	030000 - Business Education		7 - 12
	HS - High School (7-12)	030050 - Business Education without Shorthand		7 - 12
	HS - High School (7-12)	030150 - All Business (7-12)		7 - 12
	VO - Vocational Education	140100 - Accounting		
	VO - Vocational Education	149002 - Vocational BOE w/o Shorthand		
	VO - Vocational Education	140550 - Integrated Business		
	VO - Vocational Education	140800 - Business Administration & Management		
	VO - Vocational Education	149003 - Vocational BOE w/o Data Processing and Shorthand		
	VO - Vocational Education	140370 - Medical Office Management		
	VO - Vocational Education	140300 - Administrative Office Technology		
	VO - Vocational Education	149001 - Vocational BOE w/o Data Processing		
	VO - Vocational Education	040830 - Marketing Technology		
	VO - Vocational Education	140350 - Legal Office Management		
	VO - Vocational Education	049950 - General Marketing		
	VO - Vocational Education	040820 - E-Commerce Marketing		
	VO - Vocational Education	040600 - Me-Food Distributio		
VO - Vocational Education	041900 - Acquisition and Logistics			
VO - Vocational Education	040810 - Marketing Management			
VO - Vocational Education	040800 - Marketing			
VO - Vocational Education	149000 - Vocational BOE Comprehensive			
VO - Vocational Education	040000 - AWE Marketing Education			

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
141015 - Business Administration Finance	AD - Adolescence to Young Adult (7-12)	030300 - Bookkeeping/ Basic Business		7 - 12
	AD - Adolescence to Young Adult (7-12)	030000 - Business Education		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	030300 - Bookkeeping/ Basic Business		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	030000 - Business Education		7 - 12
	CH - Comprehensive High School (7-12)	030325 - Bookkeeping/Basic Business (9-12)		7 - 12
	CT - Career Technical (4-12)	140800 - Business Administration & Management		4 - 12
	CT - Career Technical (4-12)	140370 - Medical Office Management		4 - 12
	CT - Career Technical (4-12)	140550 - Integrated Business		4 - 12
	CT - Career Technical (4-12)	140300 - Administrative Office Technology		4 - 12
	CT - Career Technical (4-12)	140100 - Accounting		4 - 12
	CT - Career Technical (4-12)	047000 - Marketing Communications		4 - 12
	CT - Career Technical (4-12)	041900 - Acquisition and Logistics		4 - 12
	CT - Career Technical (4-12)	040840 - Sports Marketing		4 - 12
	CT - Career Technical (4-12)	140350 - Legal Office Management		4 - 12
	CT - Career Technical (4-12)	040830 - Marketing Technology		4 - 12
	CT - Career Technical (4-12)	040810 - Marketing Management		4 - 12
	CT - Career Technical (4-12)	040820 - E-Commerce Marketing		4 - 12
	CT - Career Technical (4-12)	040800 - Marketing		4 - 12
	CW - Career Technical Workforce Development	140800 - Business Administration & 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	140370 - Medical Office Management		4 - 12
	CW - Career Technical Workforce Development	047000 - Marketing Communications		4 - 12
	CW - Career Technical Workforce Development	041900 - Acquisition and Logistics		4 - 12
	CW - Career Technical Workforce Development	040830 - Marketing Technology		4 - 12
	CW - Career Technical Workforce Development	040810 - Marketing Management		4 - 12
	CW - Career Technical Workforce Development	040840 - Sports Marketing		4 - 12
	DS (4-12) - Designated Subject (4-12)	030000 - Business Education		4 - 12
	DS (K-12) - Designated Subject (Grades K-12)	030000 - Business Education		KG - 12
	HS - High School (7-12)	030398 - Cooperative Office Education		7 - 12
	HS - High School (7-12)	030300 - Bookkeeping/ Basic Business		7 - 12
	HS - High School (7-12)	030175 - All Bus W/O Shrt 7-		7 - 12
	HS - High School (7-12)	030150 - All Business (7-12)		7 - 12
	HS - High School (7-12)	031399 - Intensive Office Education		7 - 12
	HS - High School (7-12)	030000 - Business Education		7 - 12
	HS - High School (7-12)	030050 - Business Education without Shorthand		7 - 12
	VO - Vocational Education	040810 - Marketing Management		
	VO - Vocational Education	149002 - Vocational BOE w/o Shorthand		
	VO - Vocational Education	149003 - Vocational BOE w/o Data Processing and Shorthand		
	VO - Vocational Education	149000 - Vocational BOE Comprehensive		
	VO - Vocational Education	140550 - Integrated Business		
	VO - Vocational Education	140370 - Medical Office Management		
	VO - Vocational Education	140350 - Legal Office Management		
	VO - Vocational Education	140800 - Business Administration & Management		
	VO - Vocational Education	140300 - Administrative Office Technology		
	VO - Vocational Education	140100 - Accounting		
	VO - Vocational Education	149001 - Vocational BOE w/o Data Processing		
	VO - Vocational Education	041900 - Acquisition and Logistics		
	VO - Vocational Education	040830 - Marketing Technology		
VO - Vocational Education	049950 - General Marketing			
VO - Vocational Education	040820 - E-Commerce Marketing			
VO - Vocational Education	040800 - Marketing			
VO - Vocational Education	040000 - AWE Marketing Education			
VO - Vocational Education	040600 - Me-Food Distributio			

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
141020 - Business Administration Strategic Management	AD - Adolescence to Young Adult (7-12)	030300 - Bookkeeping/ Basic Business		7 - 12
	AD - Adolescence to Young Adult (7-12)	030000 - Business Education		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	030300 - Bookkeeping/ Basic Business		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	030000 - Business Education		7 - 12
	CH - Comprehensive High School (7-12)	030325 - Bookkeeping/Basic Business (9-12)		7 - 12
	CT - Career Technical (4-12)	140550 - Integrated Business		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)	140100 - Accounting		4 - 12
	CT - Career Technical (4-12)	140800 - Business Administration & Management		4 - 12
	CT - Career Technical (4-12)	140370 - Medical Office Management		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)	040840 - Sports Marketing		4 - 12
	CT - Career Technical (4-12)	047000 - Marketing Communications		4 - 12
	CT - Career Technical (4-12)	041900 - Acquisition and Logistics		4 - 12
	CW - Career Technical Workforce Development	040830 - Marketing Technology		4 - 12
	CW - Career Technical Workforce Development	040810 - Marketing Management		4 - 12
	CW - Career Technical Workforce Development	140370 - Medical Office Management		4 - 12
	CW - Career Technical Workforce Development	140800 - Business Administration & 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	047000 - Marketing Communications		4 - 12
	CW - Career Technical Workforce Development	140350 - Legal Office Management		4 - 12
	CW - Career Technical Workforce Development	041900 - Acquisition and Logistics		4 - 12
	CW - Career Technical Workforce Development	040840 - Sports Marketing		4 - 12
	DS (4-12) - Designated Subject (4-12)	030000 - Business Education		4 - 12
	DS (K-12) - Designated Subject (Grades K-12)	030000 - Business Education		KG - 12
	HS - High School (7-12)	030398 - Cooperative Office Education		7 - 12
	HS - High School (7-12)	031399 - Intensive Office Education		7 - 12
	HS - High School (7-12)	030300 - Bookkeeping/ Basic Business		7 - 12
	HS - High School (7-12)	030150 - All Business (7-12)		7 - 12
	HS - High School (7-12)	030050 - Business Education without Shorthand		7 - 12
	HS - High School (7-12)	030175 - All Bus W/O Shrt 7-		7 - 12
	HS - High School (7-12)	030000 - Business Education		7 - 12
	VO - Vocational Education	149002 - Vocational BOE w/o Shorthand		
	VO - Vocational Education	149003 - Vocational BOE w/o Data Processing and Shorthand		
	VO - Vocational Education	149001 - Vocational BOE w/o Data Processing		
	VO - Vocational Education	140800 - Business Administration & Management		
	VO - Vocational Education	140550 - Integrated Business		
	VO - Vocational Education	149000 - Vocational BOE Comprehensive		
	VO - Vocational Education	140370 - Medical Office Management		
	VO - Vocational Education	140350 - Legal Office Management		
	VO - Vocational Education	140300 - Administrative Office Technology		
	VO - Vocational Education	041900 - Acquisition and Logistics		
	VO - Vocational Education	049950 - General Marketing		
	VO - Vocational Education	140100 - Accounting		
	VO - Vocational Education	040830 - Marketing Technology		
VO - Vocational Education	040810 - Marketing Management			
VO - Vocational Education	040820 - E-Commerce Marketing			
VO - Vocational Education	040800 - Marketing			
VO - Vocational Education	040600 - Me-Food Distributio			
VO - Vocational Education	040000 - AWE Marketing Education			

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
141025 - Management Principles	AD - Adolescence to Young Adult (7-12)	030000 - Business Education		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	030000 - Business Education		7 - 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)	140300 - Administrative Office Technology		4 - 12
	CT - Career Technical (4-12)	140100 - Accounting		4 - 12
	CT - Career Technical (4-12)	140800 - Business Administration & Management		4 - 12
	CT - Career Technical (4-12)	041900 - Acquisition and Logistics		4 - 12
	CT - Career Technical (4-12)	040840 - Sports Marketing		4 - 12
	CT - Career Technical (4-12)	140350 - Legal Office Management		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)	047000 - Marketing Communications		4 - 12
	CT - Career Technical (4-12)	040800 - Marketing		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	140350 - Legal Office Management		4 - 12
	CW - Career Technical Workforce Development	140300 - Administrative Office Technology		4 - 12
	CW - Career Technical Workforce Development	041900 - Acquisition and Logistics		4 - 12
	CW - Career Technical Workforce Development	140100 - Accounting		4 - 12
	CW - Career Technical Workforce Development	047000 - Marketing Communications		4 - 12
	CW - Career Technical Workforce Development	040840 - Sports Marketing		4 - 12
	CW - Career Technical Workforce Development	040830 - Marketing Technology		4 - 12
	CW - Career Technical Workforce Development	040810 - Marketing Management		4 - 12
	DS (4-12) - Designated Subject (4-12)	030000 - Business Education		4 - 12
	HS - High School (7-12)	031399 - Intensive Office Education		7 - 12
	HS - High School (7-12)	030398 - Cooperative Office Education		7 - 12
	HS - High School (7-12)	030175 - All Bus W/O Shrt 7-		7 - 12
	HS - High School (7-12)	030150 - All Business (7-12)		7 - 12
	HS - High School (7-12)	030000 - Business Education		7 - 12
	HS - High School (7-12)	030050 - Business Education without Shorthand		7 - 12
	VO - Vocational Education	149001 - Vocational BOE w/o Data Processing		
	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	140550 - Integrated Business		
	VO - Vocational Education	140370 - Medical Office Management		
	VO - Vocational Education	140350 - Legal Office Management		
	VO - Vocational Education	140300 - Administrative Office Technology		
	VO - Vocational Education	140100 - Accounting		
	VO - Vocational Education	040830 - Marketing Technology		
	VO - Vocational Education	149003 - Vocational BOE w/o Data Processing and Shorthand		
	VO - Vocational Education	041900 - Acquisition and Logistics		
VO - Vocational Education	040900 - Me-Hdw/Bdg Mtl Gseq			
VO - Vocational Education	040810 - Marketing Management			
VO - Vocational Education	040800 - Marketing			
VO - Vocational Education	049950 - General Marketing			
VO - Vocational Education	040820 - E-Commerce Marketing			
VO - Vocational Education	040600 - Me-Food Distributio			
VO - Vocational Education	040000 - AWE Marketing Education			

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
141030 - Strategic Entrepreneurship	AD - Adolescence to Young Adult (7-12)	030000 - Business Education		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	030000 - Business Education		7 - 12
	CT - Career Technical (4-12)	140800 - Business Administration & 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)	140100 - Accounting		4 - 12
	CT - Career Technical (4-12)	140550 - Integrated Business		4 - 12
	CT - Career Technical (4-12)	047000 - Marketing Communications		4 - 12
	CT - Career Technical (4-12)	041900 - Acquisition and Logistics		4 - 12
	CT - Career Technical (4-12)	040840 - Sports Marketing		4 - 12
	CT - Career Technical (4-12)	140370 - Medical Office Management		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)	040830 - Marketing Technology		4 - 12
	CT - Career Technical (4-12)	040820 - E-Commerce Marketing		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	140100 - Accounting		4 - 12
	CW - Career Technical Workforce Development	047000 - Marketing Communications		4 - 12
	CW - Career Technical Workforce Development	140350 - Legal Office Management		4 - 12
	CW - Career Technical Workforce Development	041900 - Acquisition and Logistics		4 - 12
	CW - Career Technical Workforce Development	040840 - Sports Marketing		4 - 12
	CW - Career Technical Workforce Development	140300 - Administrative Office Technology		4 - 12
	CW - Career Technical Workforce Development	040810 - Marketing Management		4 - 12
	CW - Career Technical Workforce Development	040830 - Marketing Technology		4 - 12
	DS (K-12) - Designated Subject (Grades K-12)	030000 - Business Education		KG - 12
	HS - High School (7-12)	030398 - Cooperative Office Education		7 - 12
	HS - High School (7-12)	030175 - All Bus W/O Shrt 7-		7 - 12
	HS - High School (7-12)	031399 - Intensive Office Education		7 - 12
	HS - High School (7-12)	030150 - All Business (7-12)		7 - 12
	HS - High School (7-12)	030000 - Business Education		7 - 12
	HS - High School (7-12)	030050 - Business Education without Shorthand		7 - 12
	VO - Vocational Education	149003 - Vocational BOE w/o Data Processing and 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	140550 - Integrated Business		
	VO - Vocational Education	140370 - Medical Office Management		
	VO - Vocational Education	140350 - Legal Office Management		
	VO - Vocational Education	140300 - Administrative Office Technology		
	VO - Vocational Education	040830 - Marketing Technology		
	VO - Vocational Education	040900 - Me-Hdw/Bdg Mtl Gseq		
	VO - Vocational Education	149002 - Vocational BOE w/o Shorthand		
	VO - Vocational Education	041900 - Acquisition and Logistics		
VO - Vocational Education	040820 - E-Commerce Marketing			
VO - Vocational Education	140100 - Accounting			
VO - Vocational Education	049950 - General Marketing			
VO - Vocational Education	040810 - Marketing Management			
VO - Vocational Education	040800 - Marketing			
VO - Vocational Education	040600 - Me-Food Distributio			
VO - Vocational Education	040000 - AWE Marketing Education			

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
141035 - International Business	AD - Adolescence to Young Adult (7-12)	030000 - Business Education		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	030000 - Business Education		7 - 12
	CT - Career Technical (4-12)	140550 - Integrated Business		4 - 12
	CT - Career Technical (4-12)	140350 - Legal Office Management		4 - 12
	CT - Career Technical (4-12)	140370 - Medical Office Management		4 - 12
	CT - Career Technical (4-12)	140300 - Administrative Office Technology		4 - 12
	CT - Career Technical (4-12)	140800 - Business Administration & Management		4 - 12
	CT - Career Technical (4-12)	140100 - Accounting		4 - 12
	CT - Career Technical (4-12)	047000 - Marketing Communications		4 - 12
	CT - Career Technical (4-12)	041900 - Acquisition and Logistics		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
	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	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	047000 - Marketing Communications		4 - 12
	CW - Career Technical Workforce Development	041900 - Acquisition and Logistics		4 - 12
	CW - Career Technical Workforce Development	040840 - Sports Marketing		4 - 12
	CW - Career Technical Workforce Development	040830 - Marketing Technology		4 - 12
	CW - Career Technical Workforce Development	040810 - Marketing Management		4 - 12
	DS (K-12) - Designated Subject (Grades K-12)	030000 - Business Education		KG - 12
	HS - High School (7-12)	031399 - Intensive Office Education		7 - 12
	HS - High School (7-12)	030398 - Cooperative Office Education		7 - 12
	HS - High School (7-12)	030175 - All Bus W/O Shrt 7-		7 - 12
	HS - High School (7-12)	030050 - Business Education without Shorthand		7 - 12
	HS - High School (7-12)	030000 - Business Education		7 - 12
	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	140800 - Business Administration & Management		
	VO - Vocational Education	140370 - Medical Office Management		
	VO - Vocational Education	140350 - Legal Office Management		
	VO - Vocational Education	140550 - Integrated Business		
	VO - Vocational Education	140300 - Administrative Office Technology		
	VO - Vocational Education	140100 - Accounting		
	VO - Vocational Education	049950 - General Marketing		
	VO - Vocational Education	149000 - Vocational BOE Comprehensive		
	VO - Vocational Education	041900 - Acquisition and Logistics		
	VO - Vocational Education	040900 - Me-Hdw/Bdg Mtl Gseq		
	VO - Vocational Education	040830 - Marketing Technology		
	VO - Vocational Education	040820 - E-Commerce Marketing		
	VO - Vocational Education	040810 - Marketing Management		
	VO - Vocational Education	040800 - Marketing		
	VO - Vocational Education	040600 - Me-Food Distributio		
	VO - Vocational Education	040000 - AWE Marketing Education		

Business Administration

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
142000 - Fundamentals of Business and Administrative Services	AD - Adolescence to Young Adult (7-12)	030000 - Business Education		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	030000 - Business Education		7 - 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)	140100 - Accounting		4 - 12
	CT - Career Technical (4-12)	047000 - Marketing Communications		4 - 12
	CT - Career Technical (4-12)	041900 - Acquisition and Logistics		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
	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	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	047000 - Marketing Communications		4 - 12
	CW - Career Technical Workforce Development	041900 - Acquisition and Logistics		4 - 12
	CW - Career Technical Workforce Development	040840 - Sports Marketing		4 - 12
	CW - Career Technical Workforce Development	040830 - Marketing Technology		4 - 12
	CW - Career Technical Workforce Development	040810 - Marketing Management		4 - 12
	DS (4-12) - Designated Subject (4-12)	030000 - Business Education		4 - 12
	HS - High School (7-12)	031399 - Intensive Office Education		7 - 12
	HS - High School (7-12)	030398 - Cooperative Office Education		7 - 12
	HS - High School (7-12)	030175 - All Bus W/O Shrt 7-		7 - 12
	HS - High School (7-12)	030050 - Business Education without Shorthand		7 - 12
	HS - High School (7-12)	030000 - Business Education		7 - 12
	HS - High School (7-12)	030150 - All Business (7-12)		7 - 12
	VO - Vocational Education	149003 - Vocational BOE w/o Data Processing and Shorthand		
	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	140550 - Integrated Business		
	VO - Vocational Education	140370 - Medical Office Management		
	VO - Vocational Education	140350 - Legal Office Management		
	VO - Vocational Education	140300 - Administrative Office Technology		
	VO - Vocational Education	140100 - Accounting		
	VO - Vocational Education	149001 - Vocational BOE w/o Data Processing		
	VO - Vocational Education	049950 - General Marketing		
	VO - Vocational Education	041900 - Acquisition and Logistics		
	VO - Vocational Education	040900 - Me-Hdw/Bdg Mtl Gseq		
	VO - Vocational Education	040830 - Marketing Technology		
	VO - Vocational Education	040820 - E-Commerce Marketing		
	VO - Vocational Education	040810 - Marketing Management		
	VO - Vocational Education	040800 - Marketing		
	VO - Vocational Education	040600 - Me-Food Distributio		
VO - Vocational Education	040000 - AWE Marketing Education			

Business Administration

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
142005 - Office Management	AD - Adolescence to Young Adult (7-12)	030000 - Business Education		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	030000 - Business Education		7 - 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)	140100 - Accounting		4 - 12
	CT - Career Technical (4-12)	040800 - Marketing		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	140100 - Accounting		4 - 12
	CW - Career Technical Workforce Development	140350 - Legal Office Management		4 - 12
	DS (4-12) - Designated Subject (4-12)	030000 - Business Education		4 - 12
	HS - High School (7-12)	030150 - All Business (7-12)		7 - 12
	HS - High School (7-12)	030050 - Business Education without Shorthand		7 - 12
	HS - High School (7-12)	030000 - Business Education		7 - 12
	HS - High School (7-12)	031399 - Intensive Office Education		7 - 12
	HS - High School (7-12)	030398 - Cooperative Office Education		7 - 12
	HS - High School (7-12)	030175 - All Bus W/O Shrt 7-		7 - 12
	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	149003 - Vocational BOE w/o Data Processing and Shorthand		
	VO - Vocational Education	140800 - Business Administration & Management		
	VO - Vocational Education	140370 - Medical Office Management		
	VO - Vocational Education	140550 - Integrated Business		
	VO - Vocational Education	140350 - Legal Office Management		
	VO - Vocational Education	140300 - Administrative Office Technology		
	VO - Vocational Education	140100 - Accounting		
	VO - Vocational Education	049950 - General Marketing		
VO - Vocational Education	040800 - Marketing			
VO - Vocational Education	040600 - Me-Food Distributio			

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
142010 - Legal Environment of Business	AD - Adolescence to Young Adult (7-12)	030000 - Business Education		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	030000 - Business Education		7 - 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)	140100 - Accounting		4 - 12
	CT - Career Technical (4-12)	047000 - Marketing Communications		4 - 12
	CT - Career Technical (4-12)	041900 - Acquisition and Logistics		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
	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	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	040840 - Sports Marketing		4 - 12
	CW - Career Technical Workforce Development	040830 - Marketing Technology		4 - 12
	CW - Career Technical Workforce Development	047000 - Marketing Communications		4 - 12
	CW - Career Technical Workforce Development	040810 - Marketing Management		4 - 12
	CW - Career Technical Workforce Development	041900 - Acquisition and Logistics		4 - 12
	DS (4-12) - Designated Subject (4-12)	030000 - Business Education		4 - 12
	HS - High School (7-12)	031399 - Intensive Office Education		7 - 12
	HS - High School (7-12)	030398 - Cooperative Office Education		7 - 12
	HS - High School (7-12)	030175 - All Bus W/O Shrt 7-		7 - 12
	HS - High School (7-12)	030150 - All Business (7-12)		7 - 12
	HS - High School (7-12)	030000 - Business Education		7 - 12
	HS - High School (7-12)	030050 - Business Education without Shorthand		7 - 12
	VO - Vocational Education	149003 - Vocational BOE w/o Data Processing and Shorthand		
	VO - Vocational Education	149002 - Vocational BOE w/o Shorthand		
	VO - Vocational Education	149000 - Vocational BOE Comprehensive		
	VO - Vocational Education	140550 - Integrated Business		
	VO - Vocational Education	140370 - Medical Office Management		
	VO - Vocational Education	140350 - Legal Office Management		
	VO - Vocational Education	140300 - Administrative Office Technology		
	VO - Vocational Education	140100 - Accounting		
	VO - Vocational Education	149001 - Vocational BOE w/o Data Processing		
	VO - Vocational Education	049950 - General Marketing		
	VO - Vocational Education	041900 - Acquisition and Logistics		
	VO - Vocational Education	040830 - Marketing Technology		
	VO - Vocational Education	040820 - E-Commerce Marketing		
VO - Vocational Education	040810 - Marketing Management			
VO - Vocational Education	140800 - Business Administration & Management			
VO - Vocational Education	040800 - Marketing			
VO - Vocational Education	040600 - Me-Food Distributio			
VO - Vocational Education	040000 - AWE Marketing Education			

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
142015 - Medical Office Management	AD - Adolescence to Young Adult (7-12)	030000 - Business Education		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	030000 - Business Education		7 - 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)	040800 - Marketing		4 - 12
	CT - Career Technical (4-12)	140100 - Accounting		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	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
	DS (4-12) - Designated Subject (4-12)	030000 - Business Education		4 - 12
	HS - High School (7-12)	031399 - Intensive Office Education		7 - 12
	HS - High School (7-12)	030175 - All Bus W/O Shrt 7-		7 - 12
	HS - High School (7-12)	030150 - All Business (7-12)		7 - 12
	HS - High School (7-12)	030050 - Business Education without Shorthand		7 - 12
	HS - High School (7-12)	030398 - Cooperative Office Education		7 - 12
	HS - High School (7-12)	030000 - Business Education		7 - 12
	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	140550 - Integrated Business		
	VO - Vocational Education	140350 - Legal Office Management		
	VO - Vocational Education	140300 - Administrative Office Technology		
	VO - Vocational Education	140370 - Medical Office Management		
	VO - Vocational Education	140100 - Accounting		
	VO - Vocational Education	049950 - General Marketing		
	VO - Vocational Education	040800 - Marketing		
VO - Vocational Education	040600 - Me-Food Distributio			

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
142020 - Operations Management	AD - Adolescence to Young Adult (7-12)	030000 - Business Education		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	030000 - Business Education		7 - 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)	047000 - Marketing Communications		4 - 12
	CT - Career Technical (4-12)	041900 - Acquisition and Logistics		4 - 12
	CT - Career Technical (4-12)	140100 - Accounting		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
	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	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	047000 - Marketing Communications		4 - 12
	CW - Career Technical Workforce Development	041900 - Acquisition and Logistics		4 - 12
	CW - Career Technical Workforce Development	040840 - Sports Marketing		4 - 12
	CW - Career Technical Workforce Development	040830 - Marketing Technology		4 - 12
	CW - Career Technical Workforce Development	040810 - Marketing Management		4 - 12
	DS (4-12) - Designated Subject (4-12)	030000 - Business Education		4 - 12
	HS - High School (7-12)	031399 - Intensive Office Education		7 - 12
	HS - High School (7-12)	030398 - Cooperative Office Education		7 - 12
	HS - High School (7-12)	030175 - All Bus W/O Shrt 7-		7 - 12
	HS - High School (7-12)	030150 - All Business (7-12)		7 - 12
	HS - High School (7-12)	030050 - Business Education without Shorthand		7 - 12
	HS - High School (7-12)	030000 - Business Education		7 - 12
	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	140550 - Integrated Business		
	VO - Vocational Education	140370 - Medical Office Management		
	VO - Vocational Education	140350 - Legal Office Management		
	VO - Vocational Education	140300 - Administrative Office Technology		
	VO - Vocational Education	140100 - Accounting		
	VO - Vocational Education	049950 - General Marketing		
	VO - Vocational Education	041900 - Acquisition and Logistics		
	VO - Vocational Education	040900 - Me-Hdw/Bdg Mtl Gseq		
	VO - Vocational Education	040830 - Marketing Technology		
	VO - Vocational Education	040820 - E-Commerce Marketing		
VO - Vocational Education	040600 - Me-Food Distributio			
VO - Vocational Education	040800 - Marketing			
VO - Vocational Education	040000 - AWE Marketing Education			
VO - Vocational Education	040810 - Marketing Management			

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
142025 - Supply Chain Management	AD - Adolescence to Young Adult (7-12)	030000 - Business Education		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	030000 - Business Education		7 - 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)	140100 - Accounting		4 - 12
	CT - Career Technical (4-12)	047000 - Marketing Communications		4 - 12
	CT - Career Technical (4-12)	041900 - Acquisition and Logistics		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
	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	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	047000 - Marketing Communications		4 - 12
	CW - Career Technical Workforce Development	041900 - Acquisition and Logistics		4 - 12
	CW - Career Technical Workforce Development	040840 - Sports Marketing		4 - 12
	CW - Career Technical Workforce Development	040830 - Marketing Technology		4 - 12
	CW - Career Technical Workforce Development	040810 - Marketing Management		4 - 12
	DS (4-12) - Designated Subject (4-12)	030000 - Business Education		4 - 12
	HS - High School (7-12)	031399 - Intensive Office Education		7 - 12
	HS - High School (7-12)	030175 - All Bus W/O Shrt 7-		7 - 12
	HS - High School (7-12)	030150 - All Business (7-12)		7 - 12
	HS - High School (7-12)	030050 - Business Education without Shorthand		7 - 12
	HS - High School (7-12)	030000 - Business Education		7 - 12
	HS - High School (7-12)	030398 - Cooperative Office Education		7 - 12
	VO - Vocational Education	149003 - Vocational BOE w/o Data Processing and Shorthand		
	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	140550 - Integrated Business		
	VO - Vocational Education	140370 - Medical Office Management		
	VO - Vocational Education	140350 - Legal Office Management		
	VO - Vocational Education	140300 - Administrative Office Technology		
	VO - Vocational Education	140100 - Accounting		
	VO - Vocational Education	149001 - Vocational BOE w/o Data Processing		
	VO - Vocational Education	049950 - General Marketing		
	VO - Vocational Education	041900 - Acquisition and Logistics		
VO - Vocational Education	040900 - Me-Hdw/Bdg Mtl Gseq			
VO - Vocational Education	040830 - Marketing Technology			
VO - Vocational Education	040820 - E-Commerce Marketing			
VO - Vocational Education	040810 - Marketing Management			
VO - Vocational Education	040800 - Marketing			
VO - Vocational Education	040600 - Me-Food Distributio			
VO - Vocational Education	040000 - AWE Marketing Education			

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
142030 - Logistics Management	AD - Adolescence to Young Adult (7-12)	030000 - Business Education		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	030000 - Business Education		7 - 12
	CT - Career Technical (4-12)	140800 - Business Administration & Management		4 - 12
	CT - Career Technical (4-12)	140370 - Medical Office Management		4 - 12
	CT - Career Technical (4-12)	140550 - Integrated Business		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)	140100 - Accounting		4 - 12
	CT - Career Technical (4-12)	047000 - Marketing Communications		4 - 12
	CT - Career Technical (4-12)	041900 - Acquisition and Logistics		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
	CW - Career Technical Workforce Development	140370 - Medical Office 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	140800 - Business Administration & Management		4 - 12
	CW - Career Technical Workforce Development	140100 - Accounting		4 - 12
	CW - Career Technical Workforce Development	047000 - Marketing Communications		4 - 12
	CW - Career Technical Workforce Development	041900 - Acquisition and Logistics		4 - 12
	CW - Career Technical Workforce Development	040840 - Sports Marketing		4 - 12
	CW - Career Technical Workforce Development	040830 - Marketing Technology		4 - 12
	CW - Career Technical Workforce Development	040810 - Marketing Management		4 - 12
	DS (4-12) - Designated Subject (4-12)	030000 - Business Education		4 - 12
	HS - High School (7-12)	031399 - Intensive Office Education		7 - 12
	HS - High School (7-12)	030398 - Cooperative Office Education		7 - 12
	HS - High School (7-12)	030175 - All Bus W/O Shrt 7-		7 - 12
	HS - High School (7-12)	030150 - All Business (7-12)		7 - 12
	HS - High School (7-12)	030050 - Business Education without Shorthand		7 - 12
	HS - High School (7-12)	030000 - Business Education		7 - 12
	VO - Vocational Education	149003 - Vocational BOE w/o Data Processing and Shorthand		
	VO - Vocational Education	149000 - Vocational BOE Comprehensive		
	VO - Vocational Education	140800 - Business Administration & Management		
	VO - Vocational Education	140550 - Integrated Business		
	VO - Vocational Education	149002 - Vocational BOE w/o Shorthand		
	VO - Vocational Education	140370 - Medical Office Management		
	VO - Vocational Education	140350 - Legal Office Management		
	VO - Vocational Education	140300 - Administrative Office Technology		
	VO - Vocational Education	140100 - Accounting		
	VO - Vocational Education	049950 - General Marketing		
	VO - Vocational Education	149001 - Vocational BOE w/o Data Processing		
	VO - Vocational Education	041900 - Acquisition and Logistics		
VO - Vocational Education	040900 - Me-Hdw/Bdg Mtl Gseq			
VO - Vocational Education	040830 - Marketing Technology			
VO - Vocational Education	040820 - E-Commerce Marketing			
VO - Vocational Education	040810 - Marketing Management			
VO - Vocational Education	040800 - Marketing			
VO - Vocational Education	040600 - Me-Food Distributio			
VO - Vocational Education	040000 - AWE Marketing Education			

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
142035 - Human Resource Management	AD - Adolescence to Young Adult (7-12)	030000 - Business Education		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	030000 - Business Education		7 - 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)	140800 - Business Administration & Management		4 - 12
	CT - Career Technical (4-12)	140300 - Administrative Office Technology		4 - 12
	CT - Career Technical (4-12)	140100 - Accounting		4 - 12
	CT - Career Technical (4-12)	047000 - Marketing Communications		4 - 12
	CT - Career Technical (4-12)	041900 - Acquisition and Logistics		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
	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	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	047000 - Marketing Communications		4 - 12
	CW - Career Technical Workforce Development	041900 - Acquisition and Logistics		4 - 12
	CW - Career Technical Workforce Development	040840 - Sports Marketing		4 - 12
	CW - Career Technical Workforce Development	040830 - Marketing Technology		4 - 12
	CW - Career Technical Workforce Development	040810 - Marketing Management		4 - 12
	DS (K-12) - Designated Subject (Grades K-12)	030000 - Business Education		KG - 12
	HS - High School (7-12)	031399 - Intensive Office Education		7 - 12
	HS - High School (7-12)	030398 - Cooperative Office Education		7 - 12
	HS - High School (7-12)	030175 - All Bus W/O Shrt 7-		7 - 12
	HS - High School (7-12)	030150 - All Business (7-12)		7 - 12
	HS - High School (7-12)	030050 - Business Education without Shorthand		7 - 12
	HS - High School (7-12)	030000 - Business Education		7 - 12
	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	140550 - Integrated Business		
	VO - Vocational Education	140370 - Medical Office Management		
	VO - Vocational Education	140350 - Legal Office Management		
	VO - Vocational Education	140800 - Business Administration & Management		
	VO - Vocational Education	140300 - Administrative Office Technology		
	VO - Vocational Education	140100 - Accounting		
	VO - Vocational Education	149003 - Vocational BOE w/o Data Processing and Shorthand		
	VO - Vocational Education	049950 - General Marketing		
VO - Vocational Education	041900 - Acquisition and Logistics			
VO - Vocational Education	040900 - Me-Hdw/Bdg Mtl Gseq			
VO - Vocational Education	040830 - Marketing Technology			
VO - Vocational Education	040820 - E-Commerce Marketing			
VO - Vocational Education	040810 - Marketing Management			
VO - Vocational Education	040800 - Marketing			
VO - Vocational Education	040600 - Me-Food Distributio			
VO - Vocational Education	040000 - AWE Marketing Education			

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SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
142040 - Business Informatics	AD - Adolescence to Young Adult (7-12)	030000 - Business Education		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	030000 - Business Education		7 - 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)	140100 - Accounting		4 - 12
	CT - Career Technical (4-12)	040800 - Marketing		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	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
	DS (4-12) - Designated Subject (4-12)	030000 - Business Education		4 - 12
	HS - High School (7-12)	031399 - Intensive Office Education		7 - 12
	HS - High School (7-12)	030398 - Cooperative Office Education		7 - 12
	HS - High School (7-12)	030175 - All Bus W/O Shrt 7-		7 - 12
	HS - High School (7-12)	030150 - All Business (7-12)		7 - 12
	HS - High School (7-12)	030050 - Business Education without Shorthand		7 - 12
	HS - High School (7-12)	030000 - Business Education		7 - 12
	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	140550 - Integrated Business		
	VO - Vocational Education	140370 - Medical Office Management		
	VO - Vocational Education	140350 - Legal Office Management		
	VO - Vocational Education	140300 - Administrative Office Technology		
	VO - Vocational Education	140100 - Accounting		
	VO - Vocational Education	049950 - General Marketing		
	VO - Vocational Education	040800 - Marketing		
VO - Vocational Education	040600 - Me-Food Distributio			

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
142045 - Business and Administrative Services Capstone	AD - Adolescence to Young Adult (7-12)	030000 - Business Education		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	030000 - Business Education		7 - 12
	CT - Career Technical (4-12)	140800 - Business Administration & Management		4 - 12
	CT - Career Technical (4-12)	140370 - Medical Office Management		4 - 12
	CT - Career Technical (4-12)	140550 - Integrated Business		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)	140100 - Accounting		4 - 12
	CT - Career Technical (4-12)	047000 - Marketing Communications		4 - 12
	CT - Career Technical (4-12)	041900 - Acquisition and Logistics		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
	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	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	047000 - Marketing Communications		4 - 12
	CW - Career Technical Workforce Development	041900 - Acquisition and Logistics		4 - 12
	CW - Career Technical Workforce Development	040840 - Sports Marketing		4 - 12
	CW - Career Technical Workforce Development	040830 - Marketing Technology		4 - 12
	CW - Career Technical Workforce Development	040810 - Marketing Management		4 - 12
	DS (4-12) - Designated Subject (4-12)	030000 - Business Education		4 - 12
	HS - High School (7-12)	031399 - Intensive Office Education		7 - 12
	HS - High School (7-12)	030398 - Cooperative Office Education		7 - 12
	HS - High School (7-12)	030175 - All Bus W/O Shrt 7-		7 - 12
	HS - High School (7-12)	030150 - All Business (7-12)		7 - 12
	HS - High School (7-12)	030050 - Business Education without Shorthand		7 - 12
	HS - High School (7-12)	030000 - Business Education		7 - 12
	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	140550 - Integrated Business		
	VO - Vocational Education	140370 - Medical Office Management		
	VO - Vocational Education	140350 - Legal Office Management		
	VO - Vocational Education	140300 - Administrative Office Technology		
	VO - Vocational Education	140100 - Accounting		
	VO - Vocational Education	049950 - General Marketing		
	VO - Vocational Education	041900 - Acquisition and Logistics		
	VO - Vocational Education	040830 - Marketing Technology		
VO - Vocational Education	040820 - E-Commerce Marketing			
VO - Vocational Education	040810 - Marketing Management			
VO - Vocational Education	040800 - Marketing			
VO - Vocational Education	040600 - Me-Food Distributio			
VO - Vocational Education	040000 - AWE Marketing Education			

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SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
142050 - Medical Terminology for Business	AD - Adolescence to Young Adult (7-12)	030000 - Business Education		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	030000 - Business Education		7 - 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)	040800 - Marketing		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	140350 - Legal Office Management		4 - 12
	CW - Career Technical Workforce Development	140300 - Administrative Office Technology		4 - 12
	DS (4-12) - Designated Subject (4-12)	030000 - Business Education		4 - 12
	HS - High School (7-12)	031399 - Intensive Office Education		7 - 12
	HS - High School (7-12)	030398 - Cooperative Office Education		7 - 12
	HS - High School (7-12)	030175 - All Bus W/O Shrt 7-		7 - 12
	HS - High School (7-12)	030150 - All Business (7-12)		7 - 12
	HS - High School (7-12)	030050 - Business Education without Shorthand		7 - 12
	HS - High School (7-12)	030000 - Business Education		7 - 12
	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	140550 - Integrated Business		
	VO - Vocational Education	140370 - Medical Office Management		
	VO - Vocational Education	140350 - Legal Office Management		
	VO - Vocational Education	140300 - Administrative Office Technology		

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
143000 - Finance Foundations	AD - Adolescence to Young Adult (7-12)	030000 - Business Education		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	030000 - Business Education		7 - 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)	140100 - Accounting		4 - 12
	CT - Career Technical (4-12)	047000 - Marketing Communications		4 - 12
	CT - Career Technical (4-12)	041900 - Acquisition and Logistics		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
	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	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	047000 - Marketing Communications		4 - 12
	CW - Career Technical Workforce Development	041900 - Acquisition and Logistics		4 - 12
	CW - Career Technical Workforce Development	040840 - Sports Marketing		4 - 12
	CW - Career Technical Workforce Development	040830 - Marketing Technology		4 - 12
	CW - Career Technical Workforce Development	040810 - Marketing Management		4 - 12
	DS (4-12) - Designated Subject (4-12)	030000 - Business Education		4 - 12
	HS - High School (7-12)	031399 - Intensive Office Education		7 - 12
	HS - High School (7-12)	030398 - Cooperative Office Education		7 - 12
	HS - High School (7-12)	030175 - All Bus W/O Shrt 7-		7 - 12
	HS - High School (7-12)	030150 - All Business (7-12)		7 - 12
	HS - High School (7-12)	030050 - Business Education without Shorthand		7 - 12
	HS - High School (7-12)	030000 - Business Education		7 - 12
	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	140800 - Business Administration & Management		
	VO - Vocational Education	140550 - Integrated Business		
	VO - Vocational Education	140370 - Medical Office Management		
	VO - Vocational Education	149000 - Vocational BOE Comprehensive		
	VO - Vocational Education	140350 - Legal Office Management		
	VO - Vocational Education	140300 - Administrative Office Technology		
	VO - Vocational Education	140100 - Accounting		
	VO - Vocational Education	049950 - General Marketing		
	VO - Vocational Education	041900 - Acquisition and Logistics		
	VO - Vocational Education	040900 - Me-Hdw/Bdg Mtl Gseq		
	VO - Vocational Education	040830 - Marketing Technology		
	VO - Vocational Education	040820 - E-Commerce Marketing		
VO - Vocational Education	040810 - Marketing Management			
VO - Vocational Education	040800 - Marketing			
VO - Vocational Education	040600 - Me-Food Distributio			
VO - Vocational Education	040000 - AWE Marketing Education			

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SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
143005 - Financial Accounting	AD - Adolescence to Young Adult (7-12)	030000 - Business Education		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	030000 - Business Education		7 - 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)	140100 - Accounting		4 - 12
	CT - Career Technical (4-12)	040800 - Marketing		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	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
	DS (4-12) - Designated Subject (4-12)	030000 - Business Education		4 - 12
	HS - High School (7-12)	031399 - Intensive Office Education		7 - 12
	HS - High School (7-12)	030398 - Cooperative Office Education		7 - 12
	HS - High School (7-12)	030175 - All Bus W/O Shrt 7-		7 - 12
	HS - High School (7-12)	030150 - All Business (7-12)		7 - 12
	HS - High School (7-12)	030050 - Business Education without Shorthand		7 - 12
	HS - High School (7-12)	030000 - Business Education		7 - 12
	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	140550 - Integrated Business		
	VO - Vocational Education	140370 - Medical Office Management		
	VO - Vocational Education	140350 - Legal Office Management		
	VO - Vocational Education	140300 - Administrative Office Technology		
	VO - Vocational Education	140100 - Accounting		
	VO - Vocational Education	049950 - General Marketing		
	VO - Vocational Education	040800 - Marketing		
VO - Vocational Education	040600 - Me-Food Distributio			

Business Administration

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
143010 - Corporate Finance	AD - Adolescence to Young Adult (7-12)	030000 - Business Education		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	030000 - Business Education		7 - 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)	140100 - Accounting		4 - 12
	CT - Career Technical (4-12)	040800 - Marketing		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	140800 - Business Administration & Management		4 - 12
	CW - Career Technical Workforce Development	140370 - Medical Office Management		4 - 12
	CW - Career Technical Workforce Development	140350 - Legal Office Management		4 - 12
	DS (4-12) - Designated Subject (4-12)	030000 - Business Education		4 - 12
	HS - High School (7-12)	031399 - Intensive Office Education		7 - 12
	HS - High School (7-12)	030398 - Cooperative Office Education		7 - 12
	HS - High School (7-12)	030175 - All Bus W/O Shrt 7-		7 - 12
	HS - High School (7-12)	030150 - All Business (7-12)		7 - 12
	HS - High School (7-12)	030050 - Business Education without Shorthand		7 - 12
	HS - High School (7-12)	030000 - Business Education		7 - 12
	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	140550 - Integrated Business		
	VO - Vocational Education	140370 - Medical Office Management		
	VO - Vocational Education	140350 - Legal Office Management		
	VO - Vocational Education	140300 - Administrative Office Technology		
	VO - Vocational Education	140100 - Accounting		
	VO - Vocational Education	049950 - General Marketing		
VO - Vocational Education	040800 - Marketing			

Business Administration

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
143015 - Managerial Accounting	AD - Adolescence to Young Adult (7-12)	030000 - Business Education		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	030000 - Business Education		7 - 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)	140100 - Accounting		4 - 12
	CT - Career Technical (4-12)	047000 - Marketing Communications		4 - 12
	CT - Career Technical (4-12)	041900 - Acquisition and Logistics		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
	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	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	047000 - Marketing Communications		4 - 12
	CW - Career Technical Workforce Development	041900 - Acquisition and Logistics		4 - 12
	CW - Career Technical Workforce Development	040840 - Sports Marketing		4 - 12
	CW - Career Technical Workforce Development	040830 - Marketing Technology		4 - 12
	CW - Career Technical Workforce Development	040810 - Marketing Management		4 - 12
	DS (4-12) - Designated Subject (4-12)	030000 - Business Education		4 - 12
	HS - High School (7-12)	031399 - Intensive Office Education		7 - 12
	HS - High School (7-12)	030398 - Cooperative Office Education		7 - 12
	HS - High School (7-12)	030175 - All Bus W/O Shrt 7-		7 - 12
	HS - High School (7-12)	030150 - All Business (7-12)		7 - 12
	HS - High School (7-12)	030050 - Business Education without Shorthand		7 - 12
	HS - High School (7-12)	030000 - Business Education		7 - 12
	VO - Vocational Education	149003 - Vocational BOE w/o Data Processing and 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	140550 - Integrated Business		
	VO - Vocational Education	140370 - Medical Office Management		
	VO - Vocational Education	140350 - Legal Office Management		
	VO - Vocational Education	140300 - Administrative Office Technology		
	VO - Vocational Education	149002 - Vocational BOE w/o Shorthand		
	VO - Vocational Education	140100 - Accounting		
	VO - Vocational Education	049950 - General Marketing		
	VO - Vocational Education	041900 - Acquisition and Logistics		
	VO - Vocational Education	040900 - Me-Hdw/Bdg Mtl Gseq		
	VO - Vocational Education	040830 - Marketing Technology		
	VO - Vocational Education	040820 - E-Commerce Marketing		
VO - Vocational Education	040810 - Marketing Management			
VO - Vocational Education	040800 - Marketing			
VO - Vocational Education	040600 - Me-Food Distributio			
VO - Vocational Education	040000 - AWE Marketing Education			

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
143020 - Fundamentals of Financial Services	AD - Adolescence to Young Adult (7-12)	030000 - Business Education		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	030000 - Business Education		7 - 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)	140800 - Business Administration & Management		4 - 12
	CT - Career Technical (4-12)	140300 - Administrative Office Technology		4 - 12
	CT - Career Technical (4-12)	140100 - Accounting		4 - 12
	CT - Career Technical (4-12)	047000 - Marketing Communications		4 - 12
	CT - Career Technical (4-12)	041900 - Acquisition and Logistics		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
	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	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	047000 - Marketing Communications		4 - 12
	CW - Career Technical Workforce Development	041900 - Acquisition and Logistics		4 - 12
	CW - Career Technical Workforce Development	040840 - Sports Marketing		4 - 12
	CW - Career Technical Workforce Development	040830 - Marketing Technology		4 - 12
	CW - Career Technical Workforce Development	040810 - Marketing Management		4 - 12
	DS (4-12) - Designated Subject (4-12)	030000 - Business Education		4 - 12
	HS - High School (7-12)	031399 - Intensive Office Education		7 - 12
	HS - High School (7-12)	030398 - Cooperative Office Education		7 - 12
	HS - High School (7-12)	030175 - All Bus W/O Shrt 7-		7 - 12
	HS - High School (7-12)	030150 - All Business (7-12)		7 - 12
	HS - High School (7-12)	030050 - Business Education without Shorthand		7 - 12
	HS - High School (7-12)	030000 - Business Education		7 - 12
	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	140550 - Integrated Business		
	VO - Vocational Education	140800 - Business Administration & Management		
	VO - Vocational Education	140370 - Medical Office Management		
	VO - Vocational Education	140350 - Legal Office Management		
	VO - Vocational Education	140300 - Administrative Office Technology		
	VO - Vocational Education	140100 - Accounting		
	VO - Vocational Education	049950 - General Marketing		
	VO - Vocational Education	041900 - Acquisition and Logistics		
	VO - Vocational Education	149003 - Vocational BOE w/o Data Processing and Shorthand		
VO - Vocational Education	040900 - Me-Hdw/Bdg Mtl Gseq			
VO - Vocational Education	040830 - Marketing Technology			
VO - Vocational Education	040820 - E-Commerce Marketing			
VO - Vocational Education	040810 - Marketing Management			
VO - Vocational Education	040800 - Marketing			
VO - Vocational Education	040600 - Me-Food Distributio			
VO - Vocational Education	040000 - AWE Marketing Education			

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
143025 - Financial Services Operations	AD - Adolescence to Young Adult (7-12)	030000 - Business Education		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	030000 - Business Education		7 - 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)	140100 - Accounting		4 - 12
	CT - Career Technical (4-12)	047000 - Marketing Communications		4 - 12
	CT - Career Technical (4-12)	041900 - Acquisition and Logistics		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
	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	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	047000 - Marketing Communications		4 - 12
	CW - Career Technical Workforce Development	041900 - Acquisition and Logistics		4 - 12
	CW - Career Technical Workforce Development	040840 - Sports Marketing		4 - 12
	CW - Career Technical Workforce Development	040830 - Marketing Technology		4 - 12
	CW - Career Technical Workforce Development	040810 - Marketing Management		4 - 12
	DS (4-12) - Designated Subject (4-12)	030000 - Business Education		4 - 12
	HS - High School (7-12)	031399 - Intensive Office Education		7 - 12
	HS - High School (7-12)	030398 - Cooperative Office Education		7 - 12
	HS - High School (7-12)	030175 - All Bus W/O Shrt 7-		7 - 12
	HS - High School (7-12)	030150 - All Business (7-12)		7 - 12
	HS - High School (7-12)	030050 - Business Education without Shorthand		7 - 12
	HS - High School (7-12)	030000 - Business Education		7 - 12
	VO - Vocational Education	149003 - Vocational BOE w/o Data Processing and 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	149002 - Vocational BOE w/o Shorthand		
	VO - Vocational Education	140550 - Integrated Business		
	VO - Vocational Education	140370 - Medical Office Management		
	VO - Vocational Education	140350 - Legal Office Management		
	VO - Vocational Education	140300 - Administrative Office Technology		
	VO - Vocational Education	140100 - Accounting		
	VO - Vocational Education	049950 - General Marketing		
	VO - Vocational Education	041900 - Acquisition and Logistics		
	VO - Vocational Education	040830 - Marketing Technology		
	VO - Vocational Education	040820 - E-Commerce Marketing		
	VO - Vocational Education	040810 - Marketing Management		
	VO - Vocational Education	040800 - Marketing		
	VO - Vocational Education	040000 - AWE Marketing Education		

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
143030 - Finance Capstone	AD - Adolescence to Young Adult (7-12)	030000 - Business Education		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	030000 - Business Education		7 - 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)	140800 - Business Administration & Management		4 - 12
	CT - Career Technical (4-12)	140300 - Administrative Office Technology		4 - 12
	CT - Career Technical (4-12)	140100 - Accounting		4 - 12
	CT - Career Technical (4-12)	047000 - Marketing Communications		4 - 12
	CT - Career Technical (4-12)	041900 - Acquisition and Logistics		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
	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	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	047000 - Marketing Communications		4 - 12
	CW - Career Technical Workforce Development	041900 - Acquisition and Logistics		4 - 12
	CW - Career Technical Workforce Development	040840 - Sports Marketing		4 - 12
	CW - Career Technical Workforce Development	040830 - Marketing Technology		4 - 12
	CW - Career Technical Workforce Development	040810 - Marketing Management		4 - 12
	DS (4-12) - Designated Subject (4-12)	030000 - Business Education		4 - 12
	HS - High School (7-12)	031399 - Intensive Office Education		7 - 12
	HS - High School (7-12)	030398 - Cooperative Office Education		7 - 12
	HS - High School (7-12)	030175 - All Bus W/O Shrt 7-		7 - 12
	HS - High School (7-12)	030150 - All Business (7-12)		7 - 12
	HS - High School (7-12)	030050 - Business Education without Shorthand		7 - 12
	HS - High School (7-12)	030000 - Business Education		7 - 12
	VO - Vocational Education	149003 - Vocational BOE w/o Data Processing and Shorthand		
	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	140550 - Integrated Business		
	VO - Vocational Education	149001 - Vocational BOE w/o Data Processing		
	VO - Vocational Education	140370 - Medical Office Management		
	VO - Vocational Education	140350 - Legal Office Management		
	VO - Vocational Education	140300 - Administrative Office Technology		
	VO - Vocational Education	140100 - Accounting		
	VO - Vocational Education	049950 - General Marketing		
	VO - Vocational Education	041900 - Acquisition and Logistics		
	VO - Vocational Education	040830 - Marketing Technology		
	VO - Vocational Education	040820 - E-Commerce Marketing		
	VO - Vocational Education	040810 - Marketing Management		
	VO - Vocational Education	040800 - Marketing		
	VO - Vocational Education	040000 - AWE Marketing Education		

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
144000 - Marketing Principles	AD - Adolescence to Young Adult (7-12)	030000 - Business Education		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	030000 - Business Education		7 - 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)	140100 - Accounting		4 - 12
	CT - Career Technical (4-12)	047000 - Marketing Communications		4 - 12
	CT - Career Technical (4-12)	041900 - Acquisition and Logistics		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
	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	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	047000 - Marketing Communications		4 - 12
	CW - Career Technical Workforce Development	041900 - Acquisition and Logistics		4 - 12
	CW - Career Technical Workforce Development	040840 - Sports Marketing		4 - 12
	CW - Career Technical Workforce Development	040830 - Marketing Technology		4 - 12
	CW - Career Technical Workforce Development	040810 - Marketing Management		4 - 12
	DS (4-12) - Designated Subject (4-12)	030000 - Business Education		4 - 12
	HS - High School (7-12)	031399 - Intensive Office Education		7 - 12
	HS - High School (7-12)	030398 - Cooperative Office Education		7 - 12
	HS - High School (7-12)	030175 - All Bus W/O Shrt 7-		7 - 12
	HS - High School (7-12)	030150 - All Business (7-12)		7 - 12
	HS - High School (7-12)	030050 - Business Education without Shorthand		7 - 12
	HS - High School (7-12)	030000 - Business Education		7 - 12
	VO - Vocational Education	149003 - Vocational BOE w/o Data Processing and 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	140550 - Integrated Business		
	VO - Vocational Education	140370 - Medical Office Management		
	VO - Vocational Education	140350 - Legal Office Management		
	VO - Vocational Education	140300 - Administrative Office Technology		
	VO - Vocational Education	149002 - Vocational BOE w/o Shorthand		
	VO - Vocational Education	140100 - Accounting		
	VO - Vocational Education	049950 - General Marketing		
	VO - Vocational Education	041900 - Acquisition and Logistics		
	VO - Vocational Education	040900 - Me-Hdw/Bdg Mtl Gseq		
VO - Vocational Education	040830 - Marketing Technology			
VO - Vocational Education	040820 - E-Commerce Marketing			
VO - Vocational Education	040810 - Marketing Management			
VO - Vocational Education	040800 - Marketing			
VO - Vocational Education	040600 - Me-Food Distributio			
VO - Vocational Education	040000 - AWE Marketing Education			

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
144005 - Marketing Applications	CT - Career Technical (4-12)	140550 - Integrated Business		4 - 12
	CT - Career Technical (4-12)	047000 - Marketing Communications		4 - 12
	CT - Career Technical (4-12)	041900 - Acquisition and Logistics		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
	CW - Career Technical Workforce Development	047000 - Marketing Communications		4 - 12
	CW - Career Technical Workforce Development	041900 - Acquisition and Logistics		4 - 12
	CW - Career Technical Workforce Development	040840 - Sports Marketing		4 - 12
	CW - Career Technical Workforce Development	040830 - Marketing Technology		4 - 12
	CW - Career Technical Workforce Development	040810 - Marketing Management		4 - 12
	VO - Vocational Education	140550 - Integrated Business		
	VO - Vocational Education	049950 - General Marketing		
	VO - Vocational Education	041900 - Acquisition and Logistics		
	VO - Vocational Education	040900 - Me-Hdw/Bdg Mtl Gseq		
	VO - Vocational Education	040830 - Marketing Technology		
	VO - Vocational Education	040820 - E-Commerce Marketing		
	VO - Vocational Education	040810 - Marketing Management		
VO - Vocational Education	040800 - Marketing			
VO - Vocational Education	040600 - Me-Food Distributio			
VO - Vocational Education	040000 - AWE Marketing Education			
144010 - Integrated Marketing Communications	CT - Career Technical (4-12)	140550 - Integrated Business		4 - 12
	CT - Career Technical (4-12)	047000 - Marketing Communications		4 - 12
	CT - Career Technical (4-12)	041900 - Acquisition and Logistics		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
	CW - Career Technical Workforce Development	047000 - Marketing Communications		4 - 12
	CW - Career Technical Workforce Development	041900 - Acquisition and Logistics		4 - 12
	CW - Career Technical Workforce Development	040840 - Sports Marketing		4 - 12
	CW - Career Technical Workforce Development	040830 - Marketing Technology		4 - 12
	CW - Career Technical Workforce Development	040810 - Marketing Management		4 - 12
	VO - Vocational Education	140550 - Integrated Business		
	VO - Vocational Education	049950 - General Marketing		
	VO - Vocational Education	041900 - Acquisition and Logistics		
	VO - Vocational Education	040900 - Me-Hdw/Bdg Mtl Gseq		
	VO - Vocational Education	040830 - Marketing Technology		
	VO - Vocational Education	040820 - E-Commerce Marketing		
	VO - Vocational Education	040810 - Marketing Management		
VO - Vocational Education	040800 - Marketing			
VO - Vocational Education	040600 - Me-Food Distributio			
VO - Vocational Education	040000 - AWE Marketing Education			

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
144015 - Digital Marketing and Management	AD - Adolescence to Young Adult (7-12)	030000 - Business Education		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	030000 - Business Education		7 - 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)	140100 - Accounting		4 - 12
	CT - Career Technical (4-12)	047000 - Marketing Communications		4 - 12
	CT - Career Technical (4-12)	041900 - Acquisition and Logistics		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
	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	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	047000 - Marketing Communications		4 - 12
	CW - Career Technical Workforce Development	041900 - Acquisition and Logistics		4 - 12
	CW - Career Technical Workforce Development	040840 - Sports Marketing		4 - 12
	CW - Career Technical Workforce Development	040830 - Marketing Technology		4 - 12
	CW - Career Technical Workforce Development	040810 - Marketing Management		4 - 12
	DS (K-12) - Designated Subject (Grades K-12)	030000 - Business Education		KG - 12
	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	140550 - Integrated Business		
	VO - Vocational Education	140800 - Business Administration & Management		
	VO - Vocational Education	140370 - Medical Office Management		
	VO - Vocational Education	140350 - Legal Office Management		
	VO - Vocational Education	140300 - Administrative Office Technology		
	VO - Vocational Education	140100 - Accounting		
	VO - Vocational Education	049950 - General Marketing		
	VO - Vocational Education	041900 - Acquisition and Logistics		
	VO - Vocational Education	149003 - Vocational BOE w/o Data Processing and Shorthand		
	VO - Vocational Education	040900 - Me-Hdw/Bdg Mtl Gseq		
	VO - Vocational Education	040830 - Marketing Technology		
VO - Vocational Education	040820 - E-Commerce Marketing			
VO - Vocational Education	040810 - Marketing Management			
VO - Vocational Education	040800 - Marketing			
VO - Vocational Education	040600 - Me-Food Distributio			
VO - Vocational Education	040000 - AWE Marketing Education			

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
144020 - Marketing Research	CT - Career Technical (4-12)	140550 - Integrated Business		4 - 12
	CT - Career Technical (4-12)	047000 - Marketing Communications		4 - 12
	CT - Career Technical (4-12)	041900 - Acquisition and Logistics		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
	CW - Career Technical Workforce Development	047000 - Marketing Communications		4 - 12
	CW - Career Technical Workforce Development	041900 - Acquisition and Logistics		4 - 12
	CW - Career Technical Workforce Development	040840 - Sports Marketing		4 - 12
	CW - Career Technical Workforce Development	040830 - Marketing Technology		4 - 12
	CW - Career Technical Workforce Development	040810 - Marketing Management		4 - 12
	VO - Vocational Education	140550 - Integrated Business		
	VO - Vocational Education	049950 - General Marketing		
	VO - Vocational Education	041900 - Acquisition and Logistics		
	VO - Vocational Education	040900 - Me-Hdw/Bdg Mtl Gseq		
	VO - Vocational Education	040830 - Marketing Technology		
	VO - Vocational Education	040820 - E-Commerce Marketing		
	VO - Vocational Education	040810 - Marketing Management		
VO - Vocational Education	040800 - Marketing			
VO - Vocational Education	040600 - Me-Food Distributio			
VO - Vocational Education	040000 - AWE Marketing Education			
144025 - Merchandising and Buying	CT - Career Technical (4-12)	140550 - Integrated Business		4 - 12
	CT - Career Technical (4-12)	047000 - Marketing Communications		4 - 12
	CT - Career Technical (4-12)	041900 - Acquisition and Logistics		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
	CW - Career Technical Workforce Development	047000 - Marketing Communications		4 - 12
	CW - Career Technical Workforce Development	041900 - Acquisition and Logistics		4 - 12
	CW - Career Technical Workforce Development	040840 - Sports Marketing		4 - 12
	CW - Career Technical Workforce Development	040830 - Marketing Technology		4 - 12
	CW - Career Technical Workforce Development	040810 - Marketing Management		4 - 12
	VO - Vocational Education	140550 - Integrated Business		
	VO - Vocational Education	049950 - General Marketing		
	VO - Vocational Education	041900 - Acquisition and Logistics		
	VO - Vocational Education	040900 - Me-Hdw/Bdg Mtl Gseq		
	VO - Vocational Education	040830 - Marketing Technology		
	VO - Vocational Education	040820 - E-Commerce Marketing		
	VO - Vocational Education	040810 - Marketing Management		
VO - Vocational Education	040800 - Marketing			
VO - Vocational Education	040600 - Me-Food Distributio			
VO - Vocational Education	040000 - AWE Marketing Education			

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
144030 - Professional and Technical Sales	AD - Adolescence to Young Adult (7-12)	030000 - Business Education		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	030000 - Business Education		7 - 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)	140100 - Accounting		4 - 12
	CT - Career Technical (4-12)	047000 - Marketing Communications		4 - 12
	CT - Career Technical (4-12)	041900 - Acquisition and Logistics		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
	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	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	047000 - Marketing Communications		4 - 12
	CW - Career Technical Workforce Development	041900 - Acquisition and Logistics		4 - 12
	CW - Career Technical Workforce Development	040840 - Sports Marketing		4 - 12
	CW - Career Technical Workforce Development	040830 - Marketing Technology		4 - 12
	CW - Career Technical Workforce Development	040810 - Marketing Management		4 - 12
	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	140550 - Integrated Business		
	VO - Vocational Education	140370 - Medical Office Management		
	VO - Vocational Education	140350 - Legal Office Management		
	VO - Vocational Education	140300 - Administrative Office Technology		
	VO - Vocational Education	140100 - Accounting		
	VO - Vocational Education	049950 - General Marketing		
	VO - Vocational Education	041900 - Acquisition and Logistics		
	VO - Vocational Education	040900 - Me-Hdw/Bdg Mtl Gseq		
	VO - Vocational Education	040830 - Marketing Technology		
	VO - Vocational Education	040820 - E-Commerce Marketing		
VO - Vocational Education	040810 - Marketing Management			
VO - Vocational Education	040800 - Marketing			
VO - Vocational Education	040600 - Me-Food Distributio			
VO - Vocational Education	040000 - AWE Marketing Education			

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
144035 - Marketing Capstone	AD - Adolescence to Young Adult (7-12)	030000 - Business Education		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	030000 - Business Education		7 - 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)	140100 - Accounting		4 - 12
	CT - Career Technical (4-12)	047000 - Marketing Communications		4 - 12
	CT - Career Technical (4-12)	041900 - Acquisition and Logistics		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
	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	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	047000 - Marketing Communications		4 - 12
	CW - Career Technical Workforce Development	041900 - Acquisition and Logistics		4 - 12
	CW - Career Technical Workforce Development	040840 - Sports Marketing		4 - 12
	CW - Career Technical Workforce Development	040830 - Marketing Technology		4 - 12
	CW - Career Technical Workforce Development	040810 - Marketing Management		4 - 12
	DS (4-12) - Designated Subject (4-12)	030000 - Business Education		4 - 12
	HS - High School (7-12)	031399 - Intensive Office Education		7 - 12
	HS - High School (7-12)	030398 - Cooperative Office Education		7 - 12
	HS - High School (7-12)	030175 - All Bus W/O Shrt 7-		7 - 12
	HS - High School (7-12)	030150 - All Business (7-12)		7 - 12
	HS - High School (7-12)	030050 - Business Education without Shorthand		7 - 12
	HS - High School (7-12)	030000 - Business Education		7 - 12
	VO - Vocational Education	149003 - Vocational BOE w/o Data Processing and 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	140550 - Integrated Business		
	VO - Vocational Education	140370 - Medical Office Management		
	VO - Vocational Education	140350 - Legal Office Management		
	VO - Vocational Education	140300 - Administrative Office Technology		
	VO - Vocational Education	149002 - Vocational BOE w/o Shorthand		
	VO - Vocational Education	140100 - Accounting		
	VO - Vocational Education	049950 - General Marketing		
	VO - Vocational Education	041900 - Acquisition and Logistics		
VO - Vocational Education	040900 - Me-Hdw/Bdg Mtl Gseq			
VO - Vocational Education	040830 - Marketing Technology			
VO - Vocational Education	040820 - E-Commerce Marketing			
VO - Vocational Education	040810 - Marketing Management			
VO - Vocational Education	040800 - Marketing			
VO - Vocational Education	040600 - Me-Food Distributio			
VO - Vocational Education	040000 - AWE Marketing Education			