

Colorado Career & Technical Education Program Crosswalk				
	<i>reference for you as you apply for credentialing. It will also help you see where your program fits</i>			
	your program fits into the Career Clusters and Pathways Model!			
	Family & Consumer Sciences	Trades, Technology & Industrial Education	Agriculture	
	Health & ACE		Business & Marketing	
Agriculture, Horticulture and Natural Resources Programs				
	Program Name	Pathway(s)	Cluster	CIP Code
Aquaculture	Aquaculture	Natural Resources/ Animal Science	Agriculture and Natural Resources	010103, 10303
Agriculture, General	Agriculture Education, Production, Young Farmers	Animal Science Agribusiness Systems Environmental Service Systems Food Products & Processing Systems Natural Resources Plant Science Power, Structural & Technical Systems	Agriculture and Natural Resources	019999, 010301, 10801
Ag Business	Agricultural Business Management	Agribusiness Systems	Agriculture and Natural Resources	010101, 010102, 010104, 010105, 10106
Ag Mechanics	Ag Diesel Tech, Ag Mechanics	Power, Structural & Technical Systems	Agriculture and Natural Resources	010201, 470613
Animal Science	Animal Science & Technology, Veterinary Tech, Beef Feedlot Operations, Horse/Equine Management & Training, WHIP, Dairy, Dog Training	Animal Science	Agriculture and Natural Resources	010903, 510808, 010507, 10302, 10505
Natural Resources	Environmental Tech, Forestry Tech, Natural Resource Management,	Environmental Service Systems and/or Natural Resources	Agriculture and Natural Resources	030101, 030201, 030299, 030511, 030601
Green Industry	Horticulture, Greenhouse and Landscape Management, Floral Design	Agribusiness Systems Plant Science Power, Structural & Technical Systems	Agriculture and Natural Resources	010601, 010605, 010608
Business & Marketing				
	Program Name	Pathway(s)	Cluster	CIP Code
	Business Technologies, Business Ed.	Corporate/General Mgt	Management & Admin	520101
	Business Administration & Mgt, Business, Business Ed.	Corporate/General Mgt	Management & Admin	520201

	Management & Leadership, Management, Administrative Office Tech	Corporate/General Mgt	Management & Admin	520204
	E-Commerce	Corporate/General Mgt	Management & Admin	520208
	Project Leadership, Business-Interdisciplinary	Operations	Management & Admin	520299
	Banking/Accounting, Business Administration - Finance	Accounting	Finance	520301, 520302, 520304
	Admin Office Support, Bus. Ed., Bus. Technology, Admin Assistant, Office Admin, Bus. Mgt & Computer Applications, Bus/Computer Technology, Bus. Systems Technology	Administrative Services	Management & Admin	520401
	Business Technologies, Office Administration, International Business, Finance & Accounting, Admin. Assistant, Office Technologies	Administrative Services	Management & Admin	520407
	Vocational Business	Administrative Services	Management & Admin	520408
	Business Journalism, Business Ed.	Journalism & Broadcasting, Administrative Services	Arts, AV Technology & Film, Management & Administration	520501
	Management, Sales & Customer Service, Entrepreneurship, Small Bus. Mgt.	Corporate/General Mgt	Management & Admin	520701, 521803, 520799
	Small Business Management	Corporate/General Mgt	Management & Admin	520703
	Banking & Financial Services	Banking Services	Finance	520803
	Human Resources	Human Resource Mgt	Management & Admin	521001
	Team Management	Human Resource Mgt	Management & Admin	521005
	Business Administration-International Bus.	Corporate/General Mgt	Management & Admin	521101
	Computer Information Systems, Computer Magnet, Computer Technology, Information Tech	Business Information Tech.	Management & Admin	521201
	Networking, Solaris Sun Unix	Business Information Tech.	Management & Admin	521204
	Real Estate, Real Estate Law and Practice	Professional Sales/Sales Mgt	Marketing	521501
	Entrepreneurship	Marketing Management, Professional Sales/Sales Mgt	Management & Admin, Marketing, Finance	521801
	Business Technology	Marketing Management	Marketing	529999
	Marketing	Marketing Communication	Marketing	90903
	Business Management, Management, Technical Management	Corporate/General Mgt	Management & Admin	520201
	Business	Corporate/General Mgt	Management & Admin	520204
	E-Business	Corporate/General Mgt	Management & Admin	520208
	Ski Area Operations	Travel & Tourism, Lodging	Hospitality & Tourism	520901
	Ski & Snowboarding Business	Travel & Tourism	Hospitality & Tourism	520903
	Resort Management	Lodging, Marketing Management	Hospitality & Tourism, Marketing	520906
	Golf Club Management	Recreation, Amusements & Attractions	Hospitality & Tourism	520999
	Management, Marketing, Marketing Education, Marketing and Distribution	Marketing Management	Marketing	521401
	Real Estate	Professional Sales/Sales Mgt	Marketing	521501
	Sales and Marketing	Merchandising, Professional Sales/Sales Mgt	Marketing	521801
	Travel and Tourism, Hospitality	Professional Sales/Sales Mgt	Marketing	521905, 521910
	Entertainment & Event Planning	Professional Sales/Sales Mgt	Marketing	521906

	Paralegal/Legal Assistant	Legal Services	Government & Public Admin	220103, 220302
	Multi-Media	Interactive Media	Information Technology	100304
	Computer Information Systems, Information Technology	Network Systems	Information Technology	110101
	Computer Programmer	Programming & Software Engineering	Information Technology	110201
	Game Programming Certificate	Programming & Software Engineering	Arts, A/V Tech & Comm	110202, 360113
	Advanced Office Specialist, Computer Business Applications, Micro-Computer Support Specialist	Business Information Technology	Management & Admin	110601
	Web Design	Interactive Media	Arts, A/V Tech & Comm	110801
	Database Administrator	Information Support & Services	Information Technology	110802
	Cisco Networking, Business Data Processing, Business Systems Networking, Networking, Cisco, Computer System Networking	Network Systems	Information Technology	110901
	Sun Solaris System Administration	Network Systems	Information Technology	111001
	Business Technologies	Interactive Media	Information Technology	111004
	Cisco Networking Technologies, Computer Network, Cisco Certified Network Assoc.	Network Systems	Information Technology	111099
	Interpreter Preparation/Sign Language Inter.	Human Resource Management	Management & Administration	161603 (510205)

Family & Consumer Sciences

	Program Name	Pathway(s)	Cluster	CIP Code
	Catering	Restaurants, Food, & Beverage Services	Hospitality & Tourism	190599, 120504
	Culinary Arts/Food Production	Restaurants, Food, & Beverage Services	Hospitality & Tourism	190501, 120500, 120503, 120508
	Early Childhood Education	Early Childhood Development	Human Services	190701, 190706, 190708, 190709
	FACS Core	Foundation Knowledge and Skills	Not Applicable	190000
	Fashion Design & Merchandising	Consumer Services; Visual & Design Arts	Human Services; Arts, A/V, Technology & Communication	190901
	Food Science, Dietetics & Nutrition	Family and Community Services	Human Services	190504
	Interior Design	Visual & Design Arts	Arts, AV, Technology &	190601, 500408
	Professional Sewing	Visual & Design Arts	Arts, AV, Technology &	190902
	ProStart	Restaurants, Food, & Beverage Services	Hospitality and Tourism	190505
	Teacher Cadet, Paraeducator, Teaching ESL	Teaching and Training	Education	131399, 131501, 131599, 131401
	World of Work/Wage Earning, Essential Skills for the Workplace	Work/Wage Earning endorsement when one other occupational pathway is granted.		199999, 309999
	Teen Parent	Foundation Knowledge and Skills	All Clusters	190799

Health & ACE

	Program Name	Pathway(s)	Cluster	CIP Code
	Addictions Counseling	Therapeutic	Health	420601
	Acupuncture	Therapeutic	Health	513399

	BioTech	BioTech	Health	410101
	Dental Assisting	Therapeutic	Health	510601, 510699
	Dental Hygiene	Therapeutic	Health	510602
	Dietetic Technology	Therapeutic	Health	513104
	Dispensing Optician	Therapeutic	Health	511801
	Emergency Medical Services (EMS)	Therapeutic	Health	510904, 510810
	Electroneurodiagnostic Technician (END)	Diagnostic	Health	510903
	Fitness Trainer/Human Performance	Therapeutic	Health	310599, 310501
	Gerontology	Therapeutic	Health	301101, 190702
	Health Science Technology	Therapeutic	Health	512601
	Health Support Technician	Therapeutic	Health	510000, 512601
	Holistic Health	Therapeutic	Health	513304, 519999
	Massage Therapy	Therapeutic	Health	513501
	Mammography	Diagnostic	Health	510999
	Med Prep/Health Science Technology	Therapeutic	Health	519999, 510913
	Medical Sonography (Ultrasound)	Diagnostic	Health	510910
	Medical Transcription	Informatics	Health	510708
	Medical Office Technology/Health Informatio	Informatics	Health	510711, 510705, 510707
	Medical Office Management	Informatics	Health	510710
	Medical Administrative Assistant	Informatics	Health	510716, 510710
	Medical Clinical Assistant	Therapeutic	Health	510801
	Medical Coding	Informatics	Health	510713
	Medical Laboratory Technician	Therapeutic	Health	511004
	Medication Aide	Therapeutic	Health	512603
	Mortuary Science	Therapeutic	Health	120301
	Nuclear Medicine	Diagnostic	Health	510905
	Nursing	Therapeutic	Health	511601
	Nursing Assistant (CNA)	Therapeutic	Health	511614
	Home Health Aide	Therapeutic	Health	512602
	Nurse Refresher	Therapeutic	Health	511699
	Occupational Safety & Health	Support Services	Health	150701
	Occupational Therapy Assistant	Therapeutic	Health	510803
	Orthopedic Assistant	Therapeutic	Health	510999
	Pharmacy Technician	Therapeutic	Health	510805
	Phlebotomy	Therapeutic	Health	511009
	Physical Therapy Assistant	Therapeutic	Health	510806
	Physician Assistant	Therapeutic	Health	510912
	Psychiatric Technology	Therapeutic	Health	511502
	Psychiatric Health Care Worker	Therapeutic	Health	511599
	Practical Nursing (LPN)	Therapeutic	Health	511613
	Practical Nursing (LPN) Refresher	Therapeutic	Health	511613
	Physical Fitness Specialist	Therapeutic	Health	310505
	Radiology Technology	Diagnostic	Health	510911, 510907
	Reflexology	Therapeutic	Health	513599

	Respiratory Therapy	Therapeutic	Health	510908
	Surgical Technology	Therapeutic	Health	510909
	Sports Medicine	Therapeutic	Health	310599
	Vascular Technology	Diagnostic	Health	510999, 510910
Public Safety	Criminal Justice	Law Enforcement	Public Safety	430107, 430103
	Homeland Security/Emerg. Mgmt & Plan	Security & Public Safety	Public Safety	439999
	Human Services Programs	Therapeutic	Health	511506, 511508
	Social Services Technician	Therapeutic	Health	511502
	Law Enforcement	Law Enforcement	Public Safety	430107
	Public Security Management	Security & Public Safety	Public Safety	430109
	Mediation	Legal Services	Public Safety	440000
	Park Ranger	Fire Science	Public Safety	30299
	Fire Science Administration	Emergency & Fire Management	Public Safety	430202
	Fire Science	Emergency & Fire Management	Public Safety	430201, 430203, 430299
ACE	ACE at Risk	Foundation Knowledge and Skills	Not Applicable	998000
	ACE (WES)	Foundation Knowledge and Skills	Not Applicable	998000
Business	Paralegal	Legal Services	Public Safety	220302
Fitness	Fitness Trainer/Human Performance	Therapeutic	Health	31.0599, 510899

Technical, Trades & Industry

	Program Name	Pathway(s)	Cluster	CIP Code
Aviation	Aviation Technology (including Helicopter)	Transportation Operations	Transportation, Logistics, Distribution	490102, 490199, 490105
	Aviation Maintenance	Facility and Mobile Equipment Maintenance	Transportation, Logistics, Distribution	470608, 470607
Applied Technology	Applied Technology, Science Technology	Science Technology, Engineering and Math	STEM	419999
	Technology and Industrial Education	Science, Technology, Engineering and Math	STEM	210101, 150603
	Technology Occupations Cluster, Project Lead the Way, Engineering Technology	Science, Technology, Engineering and Math	STEM	159999
Automotive	Auto Collision Repair	Facility and Mobile Equipment Maintenance	Transportation, Logistics, Distribution	470603
	Automotive Technology, Transportation Technologies	Facility and Mobile Equipment Maintenance	Transportation, Logistics, Distribution	470604
	Auto Service Mechanic/Technician	Facility and Mobile Equipment Maintenance	Transportation, Logistics, Distribution	470699
CAD	Architectural Technology	Design/Pre-Construction	Architecture & Construction	040901, 150101, 151302

	Drafting, CAD, Technical Drawing, Engineering Graphic Tech, Digital Design	Design Pre Construction	Architecture & Construction	151301, 150000, 040901, 151302, 500401
Construction & Maintenance	Building Maintenance & Management, Custodial Services, Industrial Housekeeping, Facilities Maintenance Technology	Maintenance/Operations	Architecture & Construction	200699, 460401, 190699, 460499
	Site Management, Construction Supervision	Construction	Architecture & Construction	460412
	Construction Technology, Building Trades	Construction	Architecture & Construction	469999, 460201
	Refrigeration & Air Conditioning Maintenance	Maintenance/Operations	Architecture & Construction	470201
	Heating & Air Conditioning (HVAC)	Construction	Architecture & Construction	150501
	Skilled Trade - Ironworker, Asbestos Insulator, Glazier, Pipefitter, Plumber, Electrician (Lineworker), Carpenter, Painter, Carpet/Tile Installer, Concrete, Mason, Bricklayer	Construction	Architecture & Construction	480509, 460503, 460502, 460201, 460000, 460406, 460408, 469999, 460303, 460101, 460402, 469999, 460302, 470199, 460501
	Traffic Signal Tech	Maintenance/Operations	Architecture & Construction	460399
	VDV Technician	Telecommunications Technologies	Arts A/V Tech/Comm	470103
	Cabinet Making, Millwork, Upholstery, Furniture Construction, woodworking	Manufacturing Production	Manufacturing	480703, 480303, 480701, 460499
	Historic Preservation	Construction and Maintenance Operations	Architecture & Construction	469999, 301201
Commercial Arts	Commercial Photography & Video Tech	Visual Arts	Arts A/V Tech/Comm	100201, 500406
	Commercial/Graphic Communication/Arts	Printing Technologies	Arts A/V Tech/Comm	500402, 100301
	Graphic Design	Printing Technologies	Arts A/V Tech/Comm	500409, 100303
Computer	Convergent Technologies	Electromechanical Installation and Maintenance	Manufacturing	150301
	CISCO Networking, Computer Science, Computer Information Systems, Technologies	Network Systems	Information Technology	111099, 110901, 110801, 110103, 110101, 110701
	Broadband Tech	Electromechanical Installation and Maintenance	Manufacturing	151201
	Information Security	Programming and Software Development	Information Technology	111003
	Computer Information Technology	Business Analysis	Bus/Admin	521201, 110901
	Computer Maintenance, Service & Repair, A+ Core Hardware Service/Tech	Electromechanical Installation and Maintenance	Manufacturing	151202, 151203
	Computer Network Tech, Microsoft Certified Systems Engineer	Network Systems	Information Technology	110901, 111002
	Computer Systems Tech	Network Systems	Information Technology	470104
	Database Programming	Programming and Software Development	Information Technology	110201

	Computer Support Professional	Information Support Services	Information Technology	119999
	GIS Systems	Information Support Services	Information Technology	110401, 450799
Cosmetology	Cosmetology	Personal Care Services	Human Services	120401
	Barber	Personal Care Services	Human Services	120402
	Esthetician	Personal Care Services	Human Services	120409
	Nail Technician, Manicurist	Personal Care Services	Human Services	120410
	Hair Styling/Design	Personal Care Services	Human Services	120407
Dog Training	Canine Behavior Modification, Companion Dog	Animal Systems	Agriculture & Natural Resources	512399
Diesel/Heavy Equipment Technology	Equipment & Transportation Technology, Auto Diesel, Diesel Mechanic, Operation Maintenance	Facility and Mobile Equipment Maintenance	Transportation, Logistics, Distribution	470605
	Commercial Vehicle Operation	Transportation Operations	Transportation, Logistics, Distribution	490205, 490202
Electronics	Electronic Systems Technology, Integrated Circuit Fabrication	Electromechanical Installation and Maintenance	Manufacturing	150303, 150399, 470103, 470104, 470102
	Biomedical Electronics Tech	Electromechanical Installation and Maintenance	Manufacturing	150401
Energy	Powerplant Technology	Production Process Technology	Energy	151199
	Petroleum Technology	Fossil Energy Production, Transmission & Distribution	Energy	150903
	Energy Facilities Management Technology	Production Process Technology	Energy	150201
	Energy Maintenance Tech	Energy Research and Maintenance	Energy	150503
	Energy Production & Industrial Construction	Production Process Technology	Energy	480508, 490202, 479999
Engineering	Engineering Technology, Civil Engineering	STEM	STEM	159999, 150000, 150503, 150201
Mining Technology	Applied Science Mining, Mining Tech	Electromechanical Installation and Maintenance	Manufacturing	150901
Multi Media & Technology	Multimedia Tech - Web Design, Graphic Design, Webmaster and development	Interactive Media	Information Technology	110801, 100304, 111004, 100299
	Multi Media Communications - Digital Video Production, Animation Design, Professional Film Arts	Audio and Video Technology and Film	Arts, AV Technology and Communication	090702, 100304, 500602, 109999, 500699, 130501
	Broadcast Media Production, Radio and Television Production, Mass Media and Communication Technology	Journalism & Broadcasting	Arts, AV Technology and Communication	090402, 100202, 090701, 100203, 100105, 500401, 090199
	Graphic Communication or Tech	Printing Technologies	Arts, AV Technology and Communication	100399, 100305
	Web Design and Management	Telecommunications Technology	Arts, AV Technology and Communication	100105, 110801
	Technical Theater, Stage Tech	Performing Arts	Arts, AV Technology and Communication	500502, 509999
	Technology Integration	Telecommunications Technology	Arts, AV Technology and Communication	100105

	Professional Photography	Visual Arts	Arts, AV Technology and Communication	500605
Production, Manufacturing, Welding and Metalwork	Industrial Technology	Electromechanical Installation and Maintenance	Manufacturing	150699, 210101, 460399
	Industrial Maintenance/Mechanic	Electromechanical Installation and Maintenance	Manufacturing	470303, 150699
	Precision/Computer Aided Machining, CNC, Machine Tech	Production	Manufacturing	480503, 480501
	Manufacturing Technologies, Process Technologies	Production/Process Technology	Manufacturing	150699, 480503, 150613, 150612
	Metal Fabrication and CADD	Production	Manufacturing	150805, 480599
	Welding, Sheet Metal Work	Production	Manufacturing	480508, 480506
	Power Sewing	Production	Manufacturing	480303
	Gunsmithing	Maintenance, Installation & Repair	Manufacturing	470402
Ski Industry Tech	Ropeway Technician	Facility and Mobile Equipment Maintenance	Transportation, Logistics, Distribution	479999
Small Engines	Small Engine/Sport Vehicle, Power Equipment, Motorcycle Tech	Facility and Mobile Equipment Maintenance	Transportation, Logistics, Distribution	470606, 470611
Water	Water Quality Management Tech	Environmental Service Systems	Agriculture & Natural Resources	150506