



Courses Sorted by the Colorado Career Cluster Model

Business, Management & Administration

- Introduction to Business
- Finance
- AP Micro/Macro Economics
- Business Economics
- Business Law
- Game Design 1 & 2
- International Business
- Accounting 1 & 2
- Business Leadership
- PACE

Civics & Government

- American Government
- AP U.S. Government

Computer Technology & Design

- Web Design 1 & 2
- Intro to Computer Science
- AP Computer Science
- Engineering Drafting I
- 3D Modeling- Engineering Drafting II
- Programming & Software Engineering

Marketing

- Marketing
- Sports and Entertainment Marketing
- Entrepreneurship
- Advanced Marketing
- Marketing Leadership
- Psychology
- Sociology

Business, Marketing, & Public Administration

Hospitality, Human Services, & Education

Family & Consumer Sciences Hospitality, Food & Nutrition

- Food, Nutrition, and Wellness
- Gourmet Foods Catering I/II
- Culinary Arts (FRCC)

Education & Human Services

- Child Development
- Sociology (FRCC)
- Sociology of Relationships
- Teacher Cadet
- PACE Buddies
- Psychology

Agriculture, & Natural Resources

- AP Environmental Science
- Zoology
- Botany & Microbiology
- Wildlife and Forestry (FRCC)
- Animal Technology (FRCC)

Energy

- Environmental Science
- AP Environmental Science
- Geology

Agriculture, Natural Resources, & Energy

Postsecondary & Workforce Readiness ACE, PaCE, PWR Internships

Courses providing foundation knowledge & skills for all career pathways including:

- Academic Content Knowledge
- Civic Responsibility
- Collaboration
- Communication
- Creativity & Innovation
- Work Ethic
- Critical Thinking/Problem Solving
- Find/Use Information Technology
- Global & Cultural Awareness
- Personal Responsibility

Health Science, Criminal Justice & Public Safety

Health Science

- Health
- Aerobics, Weight Training, Dance, Physical Education, Team Sports
- Biology (AP)
- Chemistry
- Anatomy and Physiology
- Cell biology and Genetics
- Psychology, AP
- Medical Careers (FRCC)

Law, Public Safety, Corrections & Security

- Sociology, Anthropology
- FRCC Sociology
- Criminal Law & Justice (FRCC)

Arts, A/V Technology and Communication

- Television Production, 1,2
- Advanced Acting & Production
- Musical Theatre
- Journalism
- Yearbook Production

Musical Performance

- Band, Orchestra, Choir
- AP Music Theory
- Music Theory
- Music Technology

Visual & Design Arts

- Drawing, Painting, Jewelry, Pottery, Sculpture, Photography
- Fashion 1,2
- Interior Design

Information Technology

- Web Design 1, 2
- Game Design
- AP Computer Science
- 3D Modeling Drafting II
- Engineering & Tech

Engineering Exploration

- Robotics 1, 2
- Engineering Exploration
- Engineering Drafting
- Engineering & Design Capstone

STEM, Arts, Design, & Information Technology

Skilled Trades & Technical Sciences

Architecture & Construction

- Architecture
- Metals 1, 2
- Woods 1, 2
- Engineering Drafting
- 3D Modeling- Engineering Design, Landscape Architecture (FRCC)
- Heating, Ventilation & Air (FRCC)

Manufacturing

- Construction Systems
- Automotive Technology Service(FRCC)
- Welding & Metal Fabrication (FRCC)

Colorado Career Cluster Model



COLORADO COMMUNITY
COLLEGE SYSTEM

Management and Administration

- Administrative Services
- Business Information Technology
- Corporate/General Management
- Human Resource Management
- Operations Management

Marketing

- Marketing Communications
- Marketing Management
- Marketing Research
- Merchandising
- Professional Sales/Sales Management

Finance

- Accounting
- Banking Services
- Corporate Finance
- Insurance
- Securities & Investments

Government & Public Administration

- Foreign Service
- Governance
- Legal Services
- Planning
- Public Management & Administration
- Regulation
- Revenue & Taxation

Business, Marketing & Public Administration

Hospitality, Human Services & Education

Hospitality & Tourism

- Lodging
- Recreation, Amusements & Attractions
- Restaurants, Food & Beverage Services
- Travel & Tourism

Human Services

- Consumer Services
- Counseling & Mental Health Services
- Early Childhood Development
- Family & Community Services
- Personal Care Services

Education & Training

- Administration and Administrative Support
- Professional Support Services
- Teaching and Training

Agriculture, Food & Natural Resources

- Animal Science*
- Agribusiness Systems
- Food Products & Processing Systems*
- Natural Resource & Environmental Systems*
- Plant Science*
- Power, Structural & Technical Systems*

Energy

- Electromechanical Generation & Maintenance*
- Electrical Energy Transmission & Distribution*
- Energy Efficiency & Environmental Technology*
- Fossil Energy Extraction, Processing & Distribution*
- Renewable Energy Production*

*STEM affiliated pathway

Agriculture, Natural Resources & Energy

Postsecondary & Workforce Readiness

Foundation knowledge & skills for all career pathways include:

- Academic Content Knowledge
- Civic Responsibility
- Collaboration
- Communication
- Creativity & Innovation
- Critical Thinking/Problem Solving
- Find/Use Information Technology
- Global & Cultural Awareness
- Personal Responsibility
- Work Ethic

Specialized CTE Pathways include:

Alternative Cooperative Education (ACE), FACS CORE & World of Work

Health Science, Criminal Justice & Public Safety

Health Science

- Biotechnology Research & Development*
- Diagnostic Services*
- Health Informatics
- Supportive Services
- Therapeutic Services*

Law, Public Safety, Corrections & Security

- Correction Services
- Emergency & Fire Management Services*
- Law Enforcement Services
- Security & Protective Services

*STEM affiliated pathway

STEM (Science, Technology, Engineering & Math)

See also STEM affiliated pathways noted by *

- Research, Exploration & Innovation
- Design, Development & Application

Arts, A/V Technology and Communication

- Audio/Video Technology & Film
- Journalism & Broadcasting
- Performing Arts
- Printing/Publishing
- Visual & Design Arts

Information Technology

- Information Support and Services
- Interactive Media
- Network Systems & Telecommunications*
- Programming & Software Engineering*

STEM, Arts, Design & Information Technology

Skilled Trades & Technical Sciences

Architecture & Construction

- Construction
- Design & Pre-construction*
- Maintenance & Operations

Manufacturing

- Health, Safety & Environmental Assurance
- Logistics & Inventory Control
- Manufacturing Production
- Maintenance, Installation & Repair
- Production/Process Technology*
- Quality Assurance

Transportation, Distribution & Logistics

- Facility & Mobile Equipment Maintenance
- Health, Safety & Environmental Management
- Logistics, Planning & Management Services
- Planning, Management & Regulation
- Sales & Service
- Transportation Operations
- Transportation/Systems Infrastructure
- Warehousing & Distribution Center Operations

*STEM affiliated pathway