



CTE PATHWAYS

V E W M O N T H I G H S C H O O L

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Learning that works
for Utah



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USB E Pathway completion is based on a minimum total of 3.0 Credit hours. The Viewmont CTE courses listed in this catalog fit into four categories for a pathway completion.

1. Any course listed with credit hours (i.e. -.5) next to them can be counted towards the 3.0 Credit hours.
2. Courses with an asterick* indicate concentrator courses. It is required to have one concentrator course to count towards the pathway completion.
3. Courses with a double asterick ** indicate the completer courses. It is also required to have one completer course to count towards the pathway completion.
4. The remaining classes, which are primarily junior high level and without credit listed, are preparatory courses leading up to the required courses which count towards the pathway completion. The courses do have great value in what they present to students in their field of interest and are encouraged for students to take to get them excited about their career possibilities.

Credit for courses with concurrent enrollment will double in credit for any 3-credit hour college course. This is not indicated on the credits listed in the manual. For some pathways earning the required 3.0 pathway credits might require CE enrollment. It may also help complete a pathway faster if CE is taken.

Pathway completers are recognized by Viewmont at their high school graduation with a CTE medallion. Students completing a USB E pathway have greater skill sets for a career and a certificate recognized by industry as students seek employment.

FOOD SCIENCE, DIETETICS & NUTRITION PATHWAY

POSSIBLE CAREERS:

- NUTRITION /WELLNESS COACH
- FOOD PRODUCT TECH
- FOOD INSPECTOR ASSISTANT
- RESEARCH TECHNICIAN
- CTE FACS TEACHER
- DIETITIAN/NUTRITIONIST
- FOOD SCIENTIST



JUNIOR HIGH

- COLLEGE AND CAREER AWARENESS
- FCS EXPLORATION
- FOODS AND NUTRITION 1 (BJH/CJH)-.5

VIEWMONT HIGH SCHOOL

- FOOD AND NUTRITION 1-.5
- HUMAN DEVELOPMENT-.5
- MEDICAL ANATOMY AND PHYSIOLOGY-2.0
- FOOD AND NUTRITION 2*-.5
- FOUNDATIONS OF NUTRITION**- .5
- CTE INTERNSHIP**-1.0

WHY THIS PATHWAY?

Nationwide, dietitians and nutritionists hold 66,700 jobs on average. Employment of dietitians and nutritionists is projected to increase 16.4 percent through the year 2024. In Utah, a dietitian and a nutritionist must be licensed.

INTERIOR DESIGN PATHWAY

WHY THIS PATHWAY?

Nationwide, employment of interior designers in specialized design services firms is projected to grow 8% through the year 2024. Economic expansion, growing homeowner wealth, and an increased interest in interior design will increase demand for interior designers.

JUNIOR HIGH

- COLLEGE AND CAREER AWARENESS
- FCS EXPLORATION
- INTERIOR DESIGN 1 (CJH)-.5

VIEWMONT HIGH SCHOOL

- DIGITAL GRAPHIC ARTS INTRO-.5
- INTERIOR DESIGN 1-.5
- MARKETING 1-.5
- INTERIOR DESIGN 2*-.5
- SEWING AND TEXTILE DESIGN 3**- .5
- CTE INTERNSHIP**-1.0



POSSIBLE CAREERS:

- INTERIOR DESIGN ASSISTANT
- MERCHANDISE DISPLAYER
- WINDOW TRIMMER
- SALES ASSOCIATE
- PHOTO STYLIST
- CTE FACS TEACHER
- INTERIOR DESIGNER
- SET AND EXHIBIT DESIGNER
- TEXTILE SCIENTIST

FASHION APPAREL & TEXTILES PATHWAY

POSSIBLE CAREERS:

- MERCHANDISE DISPLAYER
- RETAIL BUYER
- WHOLESALE BUYER
- FASHION DESIGNER
- CTE FACS TEACHER
- FASHION ILLUSTRATOR
- TEXTILE SCIENTIST
- INTERIOR DESIGN PROFESSOR



JUNIOR HIGH

- COLLEGE AND CAREER AWARENESS
- FCS EXPLORATION
- SEWING CONSTRUCTION AND TEXTILES 1 (CJH)-.5
- SPORTS AND OUTDOOR DESIGN 1 (BJH)-.5

VIEWMONT HIGH SCHOOL

- DIGITAL GRAPHIC ARTS INTRO-.5
- SEWING CONSTRUCTION AND TEXTILES 1-.5
- SPORTS AND OUTDOOR DESIGN 1-.5
- FASHION DESIGN STUDIO-.5
- SEWING CONSTRUCTION AND TEXTILES 2*-.5
- SPORTS AND OUTDOOR DESIGN 2*-.5
- SEWING CONSTRUCTION AND TEXTILES 3**-1.0
- CTE INTERNSHIP**-1.0

WHY THIS PATHWAY?

Employment growth for fashion designers will stem from a growing population demanding more clothing, footwear, and accessories. The best job opportunities will be in design firms that design mass market clothing sold in department stores and retail chain stores, such as apparel wholesale

GRAPHIC DESIGN & COMMUNICATION PATHWAY

WHY THIS PATHWAY?

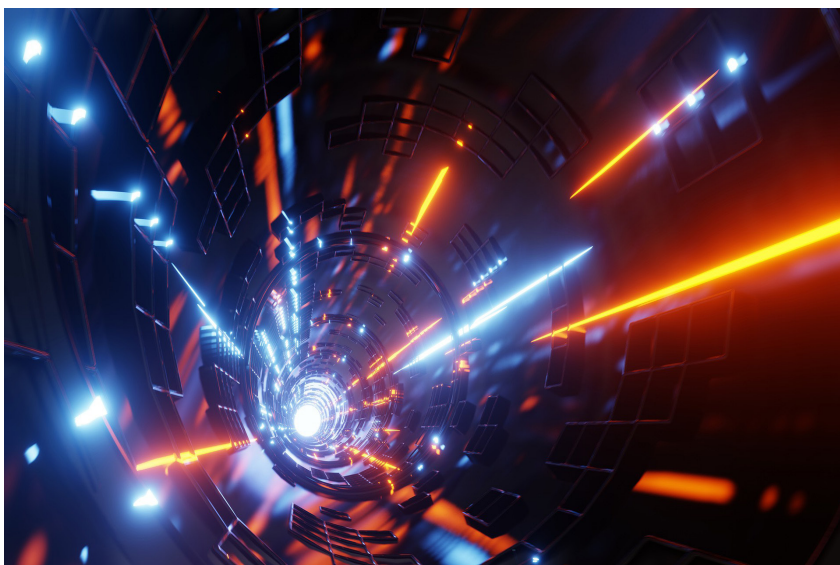
The number of portrait photographers is projected to increase along with the population. New opportunities should arise with Internet- based media companies, but keen competition is expected. Job candidates who possess skills in picture editing and taking digital video will have an advantage.

JUNIOR HIGH

- COLLEGE AND CAREER AWARENESS

VIEWMONT HIGH SCHOOL

- DIGITAL GRAPHIC ARTS INTRO-.5
- COMMERCIAL ART 1-.5
- COMMERCIAL PHOTO 1*-.5
- CTE INTERNSHIP**-1.0



POSSIBLE CAREERS:

- PHOTOGRAPHER
- COMMERCIAL PHOTOGRAPHER
- CAMERA OPERATOR
- CTE PHOTOGRAPHY TEACHER
- PHOTOGRAPHY PROFESSOR
- WEB DEVELOPER

BROADCASTING & DIGITAL MEDIA PATHWAY

POSSIBLE CAREERS:

- CTE DIGITAL MEDIA TEACHER
- GRAPHIC DESIGNER
- MULTIMEDIA ARTIST
- MULTIMEDIA ANIMATOR
- SOFTWARE DEVELOPER
- WEB ADMINISTRATOR
- SOFTWARE ENGINEER
- AUDIO SPECIALIST



JUNIOR HIGH

- COLLEGE AND CAREER AWARENESS

VIEWMONT HIGH SCHOOL

- COMPUTER SCIENCE PRINCIPLES 1-.5
- WEB DEVELOPMENT 1-.5
- GAME DEVELOPMENT FUNDAMENTALS-.5
- DIGITAL GRAPHIC ART INTRO-.5
- DIGITAL AUDIO 1*-.5
- DIGITAL MEDIA 1*-.5
- DIGITAL AUDIO 2**-1.0
- CTE INTERNSHIP**-1.0

WHY THIS PATHWAY?

Digital media is the field of the future and is rapidly growing. Because our global economy is driven by technology, digital media is one of the most in-demand fields. With more than 3 billion Internet users worldwide, the demand for individuals skilled in digital media is high.

ACCOUNTING & FINANCE PATHWAY

WHY THIS PATHWAY?

Accountants, those with a CPA, continue to be in demand in both public and private industry, audit, and tax specialties. Demand is high in the tax and healthcare areas. In Utah, the average annual employment growth rate for personal financial advisors is 5.2 percent through the year 2024.

JUNIOR HIGH

- COLLEGE AND CAREER AWARENESS
- DIGITAL LITERACY
- EXPLORING BUSINESS AND MARKETING
- WORD PROCESSING

VIEWMONT HIGH SCHOOL

- ACCOUNTING 1-.5
- MARKETING 1-.5
- SPORTS AND ENTERTAINMENT MARKETING-.5
- WEB DEVELOPMENT 1-.5
- ACCOUNTING 2*-.5
- BUSINESS AND MARKETING CAPSTONE**- .5
- CTE INTERNSHIP**- .5



POSSIBLE CAREERS:

- ACCOUNTING AND AUDIT CLERK
- BOOKKEEPER
- TAX PREPARER
- ACCOUNTANT
- AUDITOR
- CTE ACCOUNTING TEACHER
- FINANCIAL MANAGER
- LOAN OFFICER

BUSINESS ADMINISTRATION PATHWAY

POSSIBLE CAREERS:

- BUSINESS DEVELOPMENT ASSOCIATE
- MARKETING ASSOCIATE
- ACCOUNT MANAGER
- ADMINISTRATIVE ASSISTANT
- FINANCIAL ADMINISTRATOR
- HUMAN RESOURCES COORDINATOR
- SALES REPRESENTATIVE



JUNIOR HIGH

- COLLEGE AND CAREER AWARENESS
- DIGITAL LITERACY
- EXPLORING BUSINESS AND MARKETING
- WORD PROCESSING

VIEWMONT HIGH SCHOOL

- ACCOUNTING 1-.5
- MARKETING 1-.5
- DIGITAL GRAPHIC ARTS INTRO-.5
- SPORTS AND ENTERTAINMENT MARKETING-.5
- WEB DEVELOPMENT 1-.5
- BUSINESS MANAGEMENT*-.5
- BUSINESS AND MARKETING CAPSTONE**- .5
- CTE INTERNSHIP**- 1.0

WHY THIS PATHWAY?

Business administration graduates are in high demand in the job market. However, this also means that the competition is high. Graduates with a business administration degree have a big chance of advancing rather quickly to management and executive positions qualifying them to earn attractive salaries.

BUSINESS INFORMATION MANAGEMENT PATHWAY

WHY THIS PATHWAY?

According to the U.S. Department of Labor, secretaries and administrative assistants held about 4 million jobs in 2014, working in nearly every industry. About 9 out of 10 secretaries work in firms providing services, ranging from education and health care to legal and business services.

JUNIOR HIGH

- COLLEGE AND CAREER AWARENESS
- DIGITAL LITERACY
- CREATIVE CODING
- EXPLORING BUSINESS AND MARKETING
- WORD PROCESSING
- BUSINESS OFFICE SPECIALIST*-.5 [CJH]

VIEWMONT HIGH SCHOOL

- ACCOUNTING 1-.5
- DIGITAL GRAPHIC ARTS INTRO-.5
- WEB DEVELOPMENT 1-.5
- BUSINESS OFFICE SPECIALIST*-.5
- DIGITAL BUSINESS APPLICATIONS *- .5
- BUSINESS AND MARKETING CAPSTONE**- .5
- CTE INTERNSHIP**-1.0



POSSIBLE CAREERS:

- ADMINISTRATIVE ASSISTANT
- CUSTOMER SERVICE REP
- EXECUTIVE ADMIN ASSISTANT
- EXECUTIVE/LEGAL SECRETARY
- DESKTOP PUBLISHER
- LEGAL ASSISTANT/PARALEGAL
- DATA ANALYST

MARKETING PATHWAY

POSSIBLE CAREERS:

- ADVERTISING SALES AGENT
- ART DIRECTOR
- CTE MARKETING TEACHER
- EDITOR
- GRAPHIC DESIGNER
- MARKETING MANAGER
- MARKET RESEARCH ANALYST
- MARKETING SPECIALIST



JUNIOR HIGH

- COLLEGE AND CAREER AWARENESS
- DIGITAL LITERACY
- EXPLORING BUSINESS AND MARKETING
- WORD PROCESSING

VIEWMONT HIGH SCHOOL

- ACCOUNTING 1-.5
- DIGITAL GRAPHIC ARTS INTRO-.5
- MARKETING 1-.5
- SPORTS AND ENTERTAINMENT MARKETING-.5
- WEB DEVELOPMENT 1
- RETAILING*-.5
- BUSINESS AND MARKETING CAPSTONE**- .5
- CTE INTERNSHIP**-1.0

WHY THIS PATHWAY?

In Utah, the average annual employment growth rate projected for market research analysts and marketing specialists is 5.1 percent through the year 2024. The Utah Department of Workforce Services lists the median salary for a public relations specialist as \$52,360.

PRE-K: EARLY CHILDHOOD EDUCATION

WHY THIS PATHWAY?

According to Utah Department of Workforce Services, the annual growth rate for childcare workers is projected to increase 5 percent through the year 2024. Large concentrations of this occupation are found in the following industries: private households, social services, and educational public and private services.

JUNIOR HIGH

- COLLEGE AND CAREER AWARENESS
- FCS EXPLORATION
- FOOD AND NUTRITION 1 (BJH/CJH)-.5

VIEWMONT HIGH SCHOOL

- CHILD DEVELOPMENT-.5
- EARLY CHILDHOOD EDUCATION 1-.5
- FOOD AND NUTRITION 1-.5
- EARLY CHILDHOOD EDUCATION 2*-.5
- EARLY CHILDHOOD EDUCATION 3**-1.0
- CTE INTERNSHIP**-1.0



POSSIBLE CAREERS:

- CHILDCARE AIDE/WORKER
- TEACHER ASSISTANT
- EDUCATION ADMIN. PRESCHOOL
- PRESCHOOL TEACHER
- CTE EDUCATION TEACHER
- SPECIAL EDUCATION TEACHER
- SOCIAL WORKER
- COUNSELING PSYCHOLOGIST
- SPEECH THERAPIST

K-12: TEACHING AS A PROFESSION PATHWAY

POSSIBLE CAREERS:

- SELF-ENRICHMENT TEACHER
- TEACHER ASSISTANT
- PARA PROFESSIONAL
- PRESCHOOL TEACHER
- ELEMENTARY SCHOOL TEACHER
- SECONDARY SCHOOL TEACHER
- CTE EDUCATION TEACHER
- SPECIAL EDUCATION TEACHER
- SCHOOL COUNSELOR



JUNIOR HIGH

- COLLEGE AND CAREER AWARENESS
- DIGITAL LITERACY
- TEACHING AS A PROFESSION 1 (CJH)-.5

VIEWMONT HIGH SCHOOL

- HUMAN DEVELOPMENT-.5
- ENGLISH 1010
- MATH 1050
- TEACHING AS A PROFESSION 2-.5
- TEACHING AS A PROFESSION 3**-1.0
- CTE INTERNSHIP**-1.0

WHY THIS PATHWAY?

Teaching is as critical, many might suggest even more so, as any profession including medical, law or accountancy to list a few. Dedication to purpose, knowledge, expertise and advocacy are core strengths of those in the teaching profession.

ENGINEERING PATHWAY

WHY THIS PATHWAY?

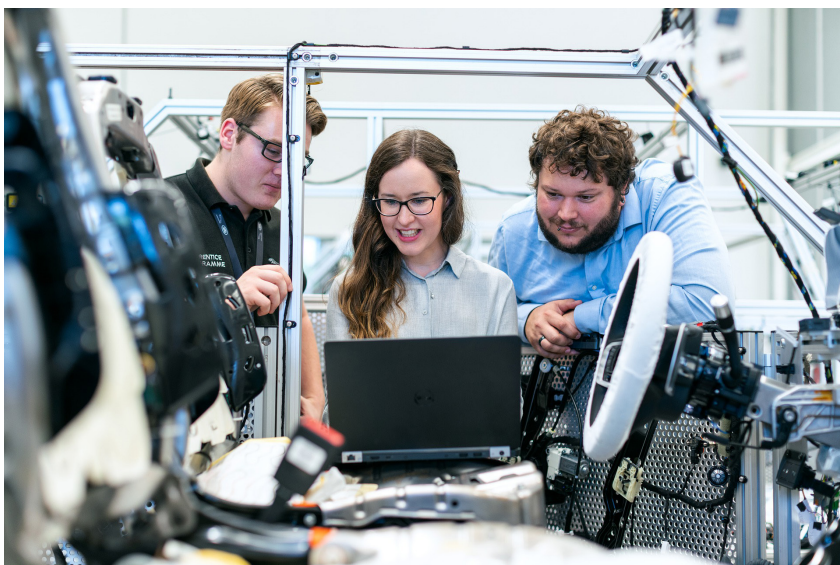
Due to the expansion of jobs in the technical field and the increasing number of engineers who are retiring, the number of job openings is increasing. According to the U.S. Bureau of Labor Statistics, 13 percent of engineering jobs are held by women, with one in four jobs in technology, engineering and mathematics.

JUNIOR HIGH

- COLLEGE AND CAREER AWARENESS
- EXPLORING TECHNOLOGY
- ENGINEERING TECHNOLOGY [BJH]-.5

VIEWMONT HIGH SCHOOL

- ELECTRONICS 1-.5
- ENGINEERING PRINCIPLES 1-.5
- MACHINING 1-.5
- ROBOTICS 1-.5
- WELDING TECHNICIAN, ENTRY LEVEL-.5
- AEROSPACE ENGINEERING*-.5
- ELECTRONICS 2*-.5
- CTE INTERNSHIP**-1.0



POSSIBLE CAREERS:

- CIVIL ENGINEER TECHNICIAN
- AEROSPACE ENGINEER
- BIOMEDICAL ENGINEER
- CIVIL ENGINEER
- ELECTRICAL ENGINEER
- INDUSTRIAL ENGINEER
- MECHANICAL ENGINEER

HEALTH SCIENCE PATHWAY

POSSIBLE CAREERS:

- CERTIFIED NURSE ASSISTANT
- EMERGENCY MEDICAL RESPONDER
- MEDICAL ASSISTANT
- REGISTERED NURSE
- PHYSICAL THERAPIST
- PHYSICIAN
- CHIROPRACTOR
- ANESTHESIOLOGIST



JUNIOR HIGH

- COLLEGE AND CAREER AWARENESS
- EXPLORING HEALTH SCIENCE

VIEWMONT HIGH SCHOOL

- INTRO TO HEALTH SCIENCE-1.0
- HUMAN DEVELOPMENT-.5
- MEDICAL ANATOMY AND PHYSIOLOGY-2.0
- EMERGENCY MEDICAL RESPONDER*-.5
- EMERGENCY MEDICAL TECHNICIAN (DTC)*-1.0
- EXERCISE SPORTS MEDICINE*-.5
- NURSE ASSISTANT (CNA)*-1.0
- CTE INTERNSHIP**-1.0

WHY THIS PATHWAY?

Job growth will be concentrated in healthcare industry settings, such as ambulatory healthcare services and hospitals. According to the Utah Department of Workforce Services, healthcare occupations are expected to make up 7 of the 20 fastest growing occupations by the year 2030.

HOSPITALITY & TOURISM PATHWAY

WHY THIS PATHWAY?

According to the U.S. Department of Labor, travel and tourism is one of the largest and fastest growing industries in the world. Annual sales exceed a half-trillion dollars. In Utah, 567 individuals are employed as travel agents throughout the state, with 263 travel arrangement/reservation service businesses.

JUNIOR HIGH

- COLLEGE AND CAREER AWARENESS
- DIGITAL LITERACY
- WORD PROCESSING

VIEWMONT HIGH SCHOOL

- ACCOUNTING 1-.5
- CULINARY 1-.5
- DIGITAL GRAPHIC ARTS INTRO-.5
- MARKETING 1-.5
- WEB DEVELOPMENT 1-.5
- HOSPITALITY AND TOURISM*-.5
- CTE INTERNSHIP**-1.0



POSSIBLE CAREERS:

- CONCIERGE
- FIRST-LINE SUPERVISOR
- HOTEL/MOTEL/RESORT CLERK
- LODGING MANAGER
- TOUR/TRAVEL GUIDE
- CTE MARKETING TEACHER
- MARKETING MANAGER
- EVENT PLANNER
- SALES MANAGER

WELDING & MACHINING PATHWAY

POSSIBLE CAREERS:

- FARM/RANCH WORKER
- AG ENGINEER TECH
- SALES REP
- AG INSPECTOR
- CTE AG TEACHER
- FARM/RANCH MANAGER
- BIOTECHNOLOGY RESEARCH
- EXTENSION SPECIALIST



JUNIOR HIGH

- COLLEGE AND CAREER AWARENESS
- EXPLORING TECHNOLOGY

VIEWMONT HIGH SCHOOL

- MACHINING 1-.5
- WELDING TECHNICIAN, ENTRY LEVEL-.5
- MACHINING 2-.5
- WELDING TECHNICIAN, INTERMEDIATE-.5
- WELDING TECHNICIAN, ADVANCED**- .5
- CTE INTERNSHIP**- 1.0

WHY THIS PATHWAY?

According to the U.S. Department of Labor, 1 in 7 Americans work in agriculture-related jobs. According to the Utah Farm Bureau Federation, more than 100,000 people are employed by agriculture and agribusiness in the state of Utah.

AUTO MECHANICS & REPAIRS PATHWAY

WHY THIS PATHWAY?

Job opportunities in the automotive industry are expected to be very good for persons with formal training, strong diagnostic and problem-solving skills, and knowledge of electronics and mathematics. Nationwide, employment in the automotive industry is projected to increase 5% through 2024.

JUNIOR HIGH

- COLLEGE AND CAREER AWARENESS
- EXPLORING TECHNOLOGY

VIEWMONT HIGH SCHOOL

- INTRO TO AUTOMOTIVE-.5
- ELECTRONICS 1-.5
- MACHINING 1-.5
- WELDING TECHNICIAN, ENTRY LEVEL-1.0
- ASE CHASSIS MLR*-1.0
- ASE ENGINE MLR*-2.0
- CTE INTERNSHIP**-1.0



POSSIBLE CAREERS:

- AUTOMOTIVE BODY REPAIR
- AUTOMOTIVE GLASS INSTALLER
- AUTO SERVICE MECHANIC
- AUTOMOTIVE SERVICE TECH
- ASE CERTIFIED AUTO
- MECHANIC/TECHNICAL
- CTE AUTOMOTIVE TEACHER
- AUTOMOTIVE ENGINEER



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