**Utah High School to College and Career PATHWAYS**

Find the Pathway That’s Right for You



**CTE PATHWAYS**

**What are CTE Pathways?**

CTE Pathways, within eight Areas of Study, are rigorous programs of study to assure strong academic and technical preparation providing students with critical learning and hands-on skills. Students who focus on a Pathway acquire the skills necessary for entry into well-paid careers with high potential for rapid financial growth, increased levels of responsibility, and a high degree of personal satisfaction.

**Why complete a CTE Pathway?**

• Earn a completer certificate that looks great on resumes and applications

• Jump-start to your career!

**Interested in completing a pathway?** -Sign up for required classes at registration and talk to your counselor!

**\*\*CE = Concurrent Enrollment**

**BUSINESS**

(All 1.0 credit Foundation & 2.0 credits Elective)

**Accounting & Finance**

\_\_\_Accounting 1

\_\_\_Accounting 2

\_\_\_Accounting 1050 (Advanced Accounting)

\_\_\_Business Communications

\_\_\_Business Management

\_\_\_Economics 1500

\_\_\_Exploring Business and Marketing

\_\_\_Workplace Skills

**Business Administration and Technical Support**

\_\_\_Business Communications

\_\_\_Digital Business Applications

\_\_\_Social Media / Digital Marketing

\_\_\_Accounting 1

\_\_\_Business Management

\_\_\_Business Web Page Design

\_\_\_Marketing

\_\_\_Graphic Design / Desktop Publishing

\_\_\_Exploring Business and Marketing

\_\_\_Workplace Skills

**Marketing**

\_\_\_Social Media / Digital Marketing

\_\_\_Marketing

\_\_\_Accounting 1

\_\_\_Accounting 2

\_\_\_Business Management

\_\_\_Economics 1500

\_\_\_Exploring Business and Marketing

\_\_\_Sports and Entertainment Marketing

\_\_\_Workplace Skills

**AGRICULTURE**

(All 2.0 credits Foundation & 1.0 credit Elective)

**Agricultural Systems Tech**

\_\_\_\_Ag Systems Tech 1 A

\_\_\_\_Ag Systems Tech 1 B

\_\_\_\_Ag Systems Tech 2 A

\_\_\_\_Ag Systems Tech 2 B

\_\_\_Ag Biology A

\_\_\_Ag Biology B

\_\_\_BATC - Welding

\_\_\_Workplace Skills

**Plant Systems**

\_\_\_\_Floriculture A

\_\_\_\_Plant Science Conc A (USU CE)

\_\_\_\_Plant Science 1800 (USU CE)

\_\_\_Ag Biology A

\_\_\_Ag Biology B

\_\_\_Workplace Skills

**Animal Systems**

\_\_\_\_Animal Science A

\_\_\_\_Animal Science B

\_\_\_\_Equine Science A

\_\_\_\_Vet Assistant A

\_\_\_\_Vet Assistant B

\_\_\_Ag Biology A

\_\_\_Ag Biology B

\_\_\_Equine Science A

\_\_\_Workplace Skills

\_\_\_ BATC Vet Tech

**TECHNOLOGY AND ENGINEERING**

**Cabinetmaking/Millwork**

[1.5 credits Foundation & 1.5 credits Elective]

\_\_\_Woodworking

\_\_\_Furniture Design

\_\_\_Carpentry 1

\_\_\_CAD Mechanical Design 1

\_\_\_Architectural Design 1

\_\_\_Architectural Design 2

\_\_\_Electronics 1

\_\_\_Accounting 1

\_\_\_Workplace Skills

**Commercial Photography**

[1.0 credit Foundation & 1.5 credits Elective]

\_\_\_Digital Photo 1

\_\_\_Digital Photo 2

\_\_\_BATC 3D Animation/Graphics

\_\_\_BATC Digital Media

\_\_\_Workplace Skills

**Cosmetology/Barbering**

[3.0 credits Foundation & 1.0 credit Elective]

\_\_\_BATC Cosmetology

\_\_\_Accounting I

\_\_\_Business Management

\_\_\_Workplace Skills

**Electronics**

(2.0 credits Foundation & 1 credit Elective)

\_\_\_Engineering Technology

\_\_\_Electronics 1

\_\_\_Electronics 2

\_\_\_Electronics 3

\_\_\_CAD Mechanical Design 1

\_\_\_Video Production 1

\_\_\_Workplace Skills

**Engineering**

(2.0 credit Foundations & 1.0 credit Elective)

\_\_\_CAD Mechanical Design 1

\_\_\_CAD Mechanical Design 2

\_\_\_Engineering Principles 1

\_\_\_Engineering Principles 2

\_\_\_Robotics 1

\_\_\_Robotics 2

\_\_\_Electronics 1

\_\_\_Electronics 2

\_\_\_Workplace Skills

**Machine Tool**

[1.0 credits Foundation & 2.0 credit Elective]

\_\_\_\_BATC Machine Tool

\_\_\_BATC Welding

\_\_\_CAD Mechanical Design 1

\_\_\_CAD Mechanical Design 2

\_\_\_Architectural Design 1

\_\_\_Architectural Design 2

\_\_\_Electronics 1

\_\_\_Woodworking

\_\_\_Workplace Skills

**Mechanical Design (CAD/Drafting)**

[1.0 credit Foundation & 1.5 credits Elective]

\_\_\_Engineering Technology

\_\_\_CAD Mechanical Design 1

\_\_\_CAD Mechanical Design 2

\_\_\_CAD Mechanical Design 3

\_\_\_BATC Welding

\_\_\_BATC Machine Tool

\_\_\_Workplace Skills

**Robotics**

1. credits Foundation & 2.0 credit Elective)

\_\_\_Robotics 1

\_\_\_Robotics 2

\_\_\_Computer Programming 1

\_\_\_Electronics 1

\_\_\_CAD Mechanical Design 1

\_\_\_Workplace Skills

**Television Broadcasting Technician**

[1.0 credit Foundation & 2.0 credits Elective]

\_\_\_Video Tech/Production A

\_\_\_Video Tech/Production B

\_\_\_Digital Photo1

\_\_\_Digital Photo 2

\_\_\_BATC Digital Media

\_\_\_Workplace Skills

**Welding**

[1.0 credits Foundation & 2.0 credit Elective]

\_\_\_BATC Welding (1.0 credit)

\_\_\_BATC Adv. Welding (1.0 credit)

\_\_\_Technical Design 1

\_\_\_Architectural Design 1

\_\_\_BATC Machine Tool

\_\_\_Electronics 1

\_\_\_Workplace Skills

**HEALTH SCIENCE**

**Medical Office Administrative Assistant**

(2.0 credits Foundation & 1.0 credit Elective)

\_\_\_\_BATC – Medical Office Admin Assistant

\_\_\_Intro to Health Science

\_\_\_Medical Anatomy & Physiology A

\_\_\_Medical Anatomy & Physiology B

\_\_\_Medical Anatomy & Physiology C

\_\_\_Medical Math

\_\_\_1101 Advanced Med Term (WSU CE)

\_\_\_Advanced Anatomy 1105 (WSU CE)

\_\_\_Advanced Anatomy 1106 (WSU CE)

\_\_\_Workplace Skills

**Dental Assisting**

(2.0 credits Foundation & 1.0 credit Elective)

\_\_\_\_BATC Dental Assisting

\_\_\_Intro to Health Science

\_\_\_Foods 1

\_\_\_Foods 2

\_\_\_Nutrition 1020

\_\_\_Medical Anatomy & Physiology A

\_\_\_Medical Anatomy & Physiology B

\_\_\_Medical Anatomy & Physiology C

\_\_\_Medical Math

\_\_\_1101 Advanced Med Term (WSU CE)

\_\_\_Advanced Anatomy 1105 (WSU CE)

\_\_\_Advanced Anatomy 1106 (WSU CE)

\_\_\_Workplace Skills

**Pharmacy**

(2.0 credits Foundation & 1.0 credit Elective)

\_\_\_\_BATC Pharmacy Tech

\_\_\_Intro to Health Science

\_\_\_Medical Anatomy & Physiology A

\_\_\_Medical Anatomy & Physiology B

\_\_\_Medical Anatomy & Physiology C

\_\_\_Medical Math

\_\_\_1101 Advanced Med Term (WSU CE)

\_\_\_Advanced Anatomy 1105 (WSU CE)

\_\_\_Advanced Anatomy 1106 (WSU CE)

\_\_\_Workplace Skills

**Nursing**

[1.0 credit Foundation & 2.0 credits Elective]

\_\_\_\_1101 Advanced Med Term (WSU CE)

\_\_\_\_BATC - Nurse’s Aide

\_\_\_Intro to Health Science

\_\_\_Intro to EMS (First Aid)

\_\_\_Food & Nutrition 1

\_\_\_Food & Nutrition 2

\_\_\_Nutrition 1020 (USU CE)

\_\_\_Medical Anatomy & Physiology A

\_\_\_Medical Anatomy & Physiology B

\_\_\_Medical Anatomy & Physiology C

\_\_\_Medical Math

\_\_\_Advanced Anatomy 1105 (WSU CE)

\_\_\_Advanced Anatomy 1106 (WSU CE)

\_\_\_FCHD 1500/Human Growth (USU CE)

\_\_\_Workplace Skills

**Therapeutic Rehabilitation / Exercise**

(2.0 credits Foundation & 1.0 credit Elective) \_\_\_\_Exercise Sci/Spt Md A (WSU CE)

\_\_\_\_Exercise Sci/Spt Md B (WSU CE)

\_\_\_\_Medical Anatomy & Physiology A

\_\_\_\_Medical Anatomy & Physiology B

\_\_\_Medical Anatomy & Physiology C

\_\_\_Intro to Health Science

\_\_\_Intro to EMS (First Aid)

\_\_\_1101 Advanced Med Term (WSU CE)

\_\_\_Medical Math

\_\_\_Advanced Anatomy 1105 (WSU CE)

\_\_\_Advance Anatomy 1106 (WSU CE)

\_\_\_Workplace Skills

**Medical Assistant**

(2.0 credits Foundation & 1.0 credit Elective) \_\_\_\_BATC Medical Assistant

\_\_\_Intro to Health Science

\_\_\_Medical Anatomy & Physiology A

\_\_\_Medical Anatomy & Physiology B

\_\_\_Medical Anatomy & Physiology C

\_\_\_Intro to EMS (First Aid)

\_\_\_1101 Advanced Med Term (WSU CE)

\_\_\_Medical Math

\_\_\_Advanced Anatomy 1105 (WSU CE)

\_\_\_Advance Anatomy 1106 (WSU CE)

\_\_\_Workplace Skills

**FAMILY & CONSUMER SCIENCE**

**Family & Human Services**

(Credits needed = 1.5 credits Foundation & 1.5 Elect) \_\_\_\_\_Child Development

\_\_\_\_\_Food & Nutrition 1

\_\_\_\_\_Adult Roles/Financial Lit A

\_\_\_\_\_Adult Roles/Financial Lit B \_\_\_\_\_FCHD 2400-Marriage & Family Relationships (USU CE)

\_\_\_Food & Nutrition 2

\_\_\_Nutrition 1020 (USU CE)

\_\_\_FCHD 1500/Human Growth (USU CE)

\_\_\_Workplace Skills

**Interior Design**

(1.0 credit Foundation & 2.0 Elect)

\_\_\_\_\_ Interior Design

\_\_\_\_\_ BATC – Interior Design

\_\_\_Clothing I

\_\_\_Design and Visual Communications

\_\_\_Furniture Design

\_\_\_Architectural Design 1

\_\_\_Architectural Design 2

\_\_\_Workplace Skills

**Food Sciences, Dietetics, & Nutrition**

(1.0 credit Foundation & 2.0 Elect)

\_\_\_\_\_Food & Nutrition 1

\_\_\_\_\_Food & Nutrition 2

\_\_\_Child Development

\_\_\_Nutrition 1020 (USU CE)

\_\_\_FCHD 1500/Human Growth (USU CE)

\_\_\_Workplace Skills

**Fashion Design, Manufacturing & Merch.**

(1.5 credits Foundation & 1.5 Elect)

\_\_\_\_\_Clothing I

\_\_\_\_\_Clothing II

\_\_\_\_\_Fashion Strategies

\_\_\_Accounting I

\_\_\_BATC Fashion Merchandising

\_\_\_Workplace Skills

**Early Childhood Education**

(Credits needed = 2.0 credits Foundation & 1.0 Elect) \_\_\_\_\_Child Development

\_\_\_\_\_Early Childhood Education (Can be taken twice for 1.0 credit)

\_\_\_\_\_Food & Nutrition I

\_\_\_Accounting I

\_\_\_Food & Nutrition II

\_\_\_FCHD 1500/Human Growth (USU CE)

\_\_\_Workplace Skills

**Food Services and Culinary Arts**

(Credits needed = 2.0 credits foundation & 1.0 elect) \_\_\_\_Pro Start I

\_\_\_\_Food & Nutrition 1

\_\_\_\_Food & Nutrition 2

\_\_\_\_Pro Start II

\_\_\_\_Workplace Skills

**CAREER PATHS: ARTISTIC-CENTERED**

While filling their core required classes, students interested in artistic-centered career paths should select classes that complement their artistic goals, for instance, Fine Arts classes that are in their area of career interest, Social Studies classes that support the career path, concurrent enrollment and AP courses that relate to career path.

**ARTISTIC CAREER OPTIONS**

|  |  |  |
| --- | --- | --- |
| **LITERARY** | **PERFORMING** | **VISUAL** |
| Author  Editor  English Teacher  Journalist  Publisher  Technical Writer  Translator | Actor  Choreographer  Composer  Dancer  Model  Music Teacher  Producer | Art Teacher  Artist/Graphic Artist  Cartoonist  Commercial Artist  Floral Designer  Interior Designer  Photographer |

**RECOMMENDED ELECTIVE COURSES IN SUPPORT OF ARTISTIC PATHS**

|  |  |  |
| --- | --- | --- |
| **LITERARY** | **PERFORMING** | **VISUAL** |
| AP English  Creative Writing  Debate  English 1010  English 2200  Foreign Language  Humanities Journalism/Yearbook/Newspaper Western Literature and Film  Workplace Skills | Band  Drill team  Cheerleading  Choir  Clothing/Sewing  Color guard  Fashion Strategies  Western Literature  Music 1010  Orchestra Song Writing  Video Tech/Production  Workplace Skills | AP Art  Ceramics  Ceramics 2  Clothing  Interior Design  Painting  Sculpture  Video Tech/Production  Workplace Skills |

**CAREER PATHS: BUSINESS-CENTERED**

While filling their core required classes, students interested in business-centered career paths should select classes that complement their scientific goals, for instance, Business classes that are in their area of career interest, other core classes that support the career path, concurrent enrollment and AP courses that relate to career path.

**BUSINESS CAREER OPTIONS**

|  |  |  |  |
| --- | --- | --- | --- |
| **OFFICE TECHNOLOGY** | **BUSINESS ADMINISTRATION** | **ACCOUNTING/ FINANCE** | **MARKETING SALES** |
| Court Reporter  Data Entry Clerk  Legal Secretary  Medical Records  Office Clerk  Paralegal  Receptionist Secretary Travel Agent | CEO  Hotel Manager  Insurance Adjuster Personnel Manager  Public Relations Director | Accountant  Auditor  Bank Teller  Banker  Business Owner  Buyer  Loan Officer  Stockbroker  Tax Preparer | Bill Collector  Buyer  Economist  Fashion Merchandise Insurance Salesman Realtor  Retail Clerk  Sports Marketing  Store Manager |

**RECOMMENDED ELECTIVE COURSES IN SUPPORT OF BUSINESS PATHS**

|  |  |  |  |
| --- | --- | --- | --- |
| **OFFICE TECHNOLOGY** | **BUSINESS ADMINISTRATION** | **ACCOUNTING/ FINANCE** | **MARKETING SALES** |
| Accounting 1 and 2  Adult Roles  AP English  Business Communication Business Web Page Design  Computer Technology or Exploring Computer Science Econ 1500  Foreign Language  Bus 1021  Personal Financial Planning  Word Processing | Accounting 1 and 2  AP Statistics  Business Communications Business Management Business Web Page Design  Computer Technology or Exploring Computer Science Econ 1500  Financial Planning Marketing  Bus 1021  Personal Financial Planning  Workplace Skills | Accounting 1 and 2  AP Statistics  Business Communications Business Management Computer Technology or Exploring Computer Science Econ 1500  Financial Planning Marketing  Bus 1021  Personal Financial Planning  Workplace Skills | Accounting 1 and 2  AP Statistics  Business Communications Business Management Business Web Page Design  Computer Technology or Exploring Computer Science  E-Commerce/ Marketing (BATC)  Econ 1500  Fashion Merchandising /Strategies Marketing  Workplace Skills |

**CAREER PATHS: SCIENTIFIC-CENTERED**

While filling their core required classes, students interested in scientific-centered career paths should select classes that complement their scientific goals, for instance, Science classes that are in their area of career interest, other core classes that support the career path, concurrent enrollment and AP courses that relate to career path.

**SCIENTIFIC CAREER OPTIONS**

|  |  |  |
| --- | --- | --- |
| **MEDICAL** | **ENGINEERING** | **NATURAL SCIENCE** |
| Anesthesiologist  Dietician  Home Health Care Aide/CNA Ophthalmologist  Paramedic  Pharmacist  Physical/Respiratory Therapist Physician/Dental  Physician/Dentist Assistant  Psychiatrist  Radiologist/X-ray Technician Veterinarian | Chemical Engineer  Chemist  Civil Engineer  Electrical Engineer  Mechanical Engineer  Physicist  Surveyor | Agricultural Biologist  Environmental Scientist  Farm Management  Forestry  Geologist  Horticulturist  Marine Biologist  Meteorologist  Natural Resource Management Nursery/Greenhouse Management Wildlife Management  Veterinarian  Zoologist |

**RECOMMENDED ELECTIVE COURSES IN SUPPORT OF SCIENTIFIC PATHS**

|  |  |  |
| --- | --- | --- |
| **MEDICAL** | **ENGINEERING** | **NATURAL SCIENCE** |
| Adult Roles  Advanced Anatomy/Physiology Ag Biology  Anatomy/Physiology  Animal Science  AP Biology  AP Calculus  AP Statistics  Biology  Chemistry  Conceptual Physics  Dental Assisting  Econ 1500  English 1010  Human Growth/FHD 1500  Intro to EMS  Introduction to Anatomy Medical Terminology  Nurse Aide  Nutrition  Physics  Psychology / Psychology 1010  Workplace Skills | AP Calculus  AP Statistics  Chemistry 1010  Chemistry  Drafting/CAD  Electronics  English 1010  Introduction to Engineering 1010 Math 1050  Physics  Physics with Technology  Workplace Skills | Ag Biology  Animal Science  AP Biology  AP Calculus  AP Statistics  Astronomy  Biology/AP Biology  Chemistry 1010  Chemistry  Conceptual Physics  English 1010  Environmental Science  Equine Science  Plant Science 1800  Physics  Physics with Technology  Workplace Skills |

**CAREER PATHS: SOCIAL/HUMANITARIAN-CENTERED**

While filling their core required classes, students interested in social/humanitarian-centered career paths should select classes that complement their scientific goals, for instance, Social Science classes that are in their area of career interest, other core classes that support the career path, concurrent enrollment and AP courses that relate to career path.

**SOCIAL/HUMANITARIAN CAREER OPTIONS**

|  |  |  |
| --- | --- | --- |
| **EDUCATION** | **PERSONAL/CUSTOMER SERVICE** | **SOCIAL/GOVERNMENT** |
| Audiologist  Classroom Aides  Coach  Counselor  Day Care  Guidance Counselor  Librarian  Music Therapist  Principal  Special Education  Speech Pathologist  Teacher | Bus Driver  Cashier  Clergy/Minister  Cosmetology  Flight Attendant  Funeral Director  Hotel Management  Manicurist  Recreation Director  Travel Agent  Waiter/Waitress | Case Worker  Corrections Officer  Detective  FBI Agent  Firefighter  Guard  Judge  Lawyer  Military Careers  Occupational Therapist  Paralegal  Policeman  Psychologist  Social Worker |

**RECOMMENDED ELECTIVE COURSES IN SUPPORT OF SOCIAL/HUMANITARIAN PATHS**

|  |  |  |
| --- | --- | --- |
| **EDUCATION** | **PERSONAL/CUSTOMER SERVICE** | **SOCIAL/GOVERNMENT** |
| Adult Roles  AP English  Child Development/Child Care Debate  English 1010  English 2200  Foreign Language  Human Growth/FHD 1500  OSS 1400/USU 1000  Peer Tutor  Psychology/Psychology 1010 Sociology  Western Literature  Workplace Skills | Adult Roles  Biology/AP Biology  Chemistry  Child Development/Child Care Conceptual Physics  E-Commerce/ Marketing  Fashion Strategies  Foreign Language  Human Growth/FHD 1500  Multi-cultural Literature  OSS 1400  Physical Education Psychology/Psychology 1010 Sociology  Workplace Skills | Adult Roles  American Government  AP Statistics  Debate  English 1010  Western Literature  Foreign Language  History Human Growth/FHD 1500 Humanities  OSS 1400  Psychology/ Psychology 1010 Sociology  World History  Workplace Skills |

**CAREER PATHS: TECHNICAL-CENTERED**

While filling their core required classes, students interested in technical-centered career paths should select classes that complement their scientific goals, for instance, Technical classes that are in their area of career interest, other core classes that support the career path, concurrent enrollment and AP courses that relate to career path.

**TECHNICAL CAREER OPTIONS**

|  |  |  |  |
| --- | --- | --- | --- |
| **CONSTRUCTION/ MANUFACTURING** | **COMMUNICATIONS / ELECTRONICS** | **EQUIPMENT OPERATION** | **SPECIALITY SERVICES** |
| Architect  Assembly Line Worker Brick Mason  Cabinetry  Carpenter  Electrician  Heating/Air Cond. Machinist  Painter  Plumber  Welder | Audio/Video Specialist Communications Tech Computer Engineer Electronic Repair  Fiber Optics Tech  Network System Eng. Network System Mgr. Systems Analyst  Video Tech  Web Designer  Web Manager | Airline Ground Support Auto Mechanic  Auto Body Repair  Delivery Driver  Diesel Mechanic  Forklift Operator  Pilot  Road Construction  Small Engine  Mechanic  Truck Driver  Welder | Baker  Cartographer  Chef  Cosmetologist  Culinary Arts  Custodian  Locksmith  Meat cutter  Pest Control  Seamstress |

**RECOMMENDED ELECTIVE COURSES IN SUPPORT OF TECHNICAL PATHS**

|  |  |  |  |
| --- | --- | --- | --- |
| **CONSTRUCTION/ MANUFACTURING** | **COMMUNICATIONS / ELECTRONICS** | **EQUIPMENT OPERATION** | **SPECIALITY SERVICES** |
| Building Construction Conceptual Physics  Diesel Mechanic Drafting/CAD  Intro to Engineer. 1010 Physics  Physics with Technology Woods 1,2  Workplace Skills | Business Communications Business  Web Page Design  Conceptual Physics Electronics Journalism/Yearbook  Light and Sound  Multi-Media Design/Pro  PC Repair  Photo classes  Physics with Technology Video Tech/Prod  Workplace Skills | Ag Systems  Auto Collision  Auto Mechanics  Diesel Mechanics  Machine Shop  Physics with Technology  Workplace Skills | Ag Systems  Clothing  Cosmetology  Creative Cooking/Foods Culinary Arts  Drafting/CAD  Fashion Strategies Machine Shop  Meat cutting  Workplace Skills |