

What Are the Benefits of Career Pathways?

Students use Pathways to investigate a wide range of career choices. Pathways make it easier for students to understand the relevance of required courses and select elective courses more wisely.

Parents learn what academic and technical courses their children need for college and a variety of career fields. Pathways and the high standards that go with them reassure parents that their children will be fully prepared for college and the workplace.

School counselors use Career Pathways to help students explore options for the future. Current information on the academic, technical, and college requirements for a wide range of careers will be readily available.

Teachers use Pathways to promote programs, increase student participation, and encourage students to persist in training beyond high school.

Schools use Pathways to organize to meet the demands of post-secondary education and the expectations of employers.

Employers partner with schools to contribute to the development of high academic standards that help students prepare for work and help workers keep their skills up to date. Employers gain workers who are prepared to learn new skills, adjust to technological change, and advance their careers.

CTE Regional Pathways Coordinators:

Bear River Region

Jeannie Johnson jjohnson@batc.edu

Central Region

Darlene Wabel darlene.wabel@snow.edu

Mountainland Region

Lisa Birch lbirch@mlatc.edu

Southeast Region

Kim Palmer kim.palmer@sjc.ceu.edu

Southwest Region

Tom Sachse tsachse@admin.washk12.org
Greg Sanders greg.sanders@ironmail.org

Uintah Region

JoJo Gale jojo.gale@uintah.net

Wasatch Front North Region

(Ogden, Weber, Davis, Morgan)

Emily Okerlund eokerlund@weberdistrict.net

Wasatch Front Region

Pat Isom patricia.isom@slcc.edu
Don Wright don@skilltest.org

Utah State Office of Education

Craig Stoker craig.stoker@schools.utah.gov
Dawn Stevenson dawn.stevenson@schools.utah.gov

Utah System of Higher Education

Dr. Gary Wixom gwixom@utahsbr.edu

Utah State Office of Education
250 East 500 South P.O. Box 144200
Salt Lake City, UT 84114-4200

Larry K. Shumway, Ed.D.,
State Superintendent of Public Instruction
Mary Shumway
State Director of Career and Technical Education



High School to College and Career Pathways



What Are Career Pathways?

The High School to College and Career Pathways initiative helps match education and workplace needs through partnerships with post-secondary institutions, the school districts, business, and industry. Pathways identify and group courses within Career and Technical Education (CTE) areas of study that offer students depth of knowledge and skill, linked with specific post-secondary programs culminating in degrees or certificates.

Ninety percent of the **fastest-growing jobs require post-secondary training.**

*Margaret Spellings,
Former U.S. Secretary of Education
Speech to the National Press Club*

The goals are to:

- **Maximize opportunities** for students.
- **Increase student awareness** of careers and education and training.
- **Strengthen** the planning process using a Student Education Occupation Plan (SEOP).
- **Ease student transitions** between secondary and post-secondary education through:
 - Concurrent enrollment.
 - Articulation agreements.
 - Skill assessment recognition.
 - Comprehensive Guidance.
 - Regional and state planning.
- **Align training** with employer needs.
- **Provide** strong academic skills and real-world problem solving skills.

For more information:

- Contact your school counselor.
- Visit UtahCTE.org.

The anticipated outcomes include:

- Increased academic and skill achievement at secondary and post-secondary levels.
- Decreased need for remediation at the post-secondary level.
- Increased enrollment and persistence in post-secondary education.
- Increased attainment of post-secondary degrees, certificates, or other recognized credentials.
- Increased rate of entry into employment or further education.
- Savings of time and money for students.

In Utah, there are over 60 Career Pathways within eight Areas of Study.

A sampling of these Pathways are listed below:

Agriculture

- Horticulture Science and Management
- Production/Processing Animal Science

Business

- Accounting and Finance
- Business Management

Family and Consumer Sciences

- Child Development
- Food Services and Culinary Arts

Health Science

- Biotechnology
- Nursing

Information Technology

- Web Development and Administration
- Programming/Software Development

Marketing

- Marketing Management
- Sales and Service Marketing

Skilled and Technical Sciences

- Automotive Service Technician
- Automotive Collision Repair
- Drafting/CAD
- Electronics

Technology and Engineering

- Pre-Engineering

Be sure to check out all of the Career Pathways and how they connect high school to college and career!

High School to College and Career Pathway Map – Drafting/CAD Sample

Grade Level	9 th Grade	10 th Grade	11 th Grade	12 th Grade	Post-Secondary	Career Opportunities	
Language Arts	Lang. Arts 9 1.00	Lang. Arts 10 1.00	Lang. Arts 11 1.00	Lang. Arts 12 Concurrent*	1 year certificate in Architectural Drafting – Utah College of Applied Technology	> Architectural Drafter > Civil Engineer > Interior Designer > Surveyor	
Math	Geometry 1.00	Inter. Algebra 1.00	Math 1010 Concurrent				
Science	Earth Systems 1.00	Physics 1.00	Biology 1010 Concurrent		Associate Degree in Surveying & Drafting	As technology advances, opportunities will be best for drafters with at least 2 years of post-secondary training, and computer-aided design systems experience.	
Social Studies	World Civilization .50	Geography .50	U.S. History 2700 Concurrent*	U.S. Citizenship and Government .50			
Arts	Fine Arts Courses 1.50				Bachelor's Degree in Architecture		
Financial Literacy			Financial Literacy .50				
Health/PE	Participation Skills and Fitness 1.00	Health Education .50 Lifetime Activities or Sport .50			Master's Degree in Civil Engineering		
Career and Technical Education	Computer Technology	Drafting/CAD	Architectural Drafting	Mechanical Drafting			
Career and Technical Education		Drafting & Design Tech.					
*20-40 concurrent credits may be earned in high school for transfer to the college program, saving the student time and money.							