

Woods Cross High School

2019-2020 CTE Pathway Completer Information



Goal: Recognize students who complete a state pathway concentration of courses in a CTE area of study.

What are CTE Pathways?

A pathway is a roadmap or series of courses in an area of study to help prepare a student for a career in that area. Students who focus on a pathway acquire the skills to transition smoothly into their post-high school education or job. Career and Technical Education has Career Pathways that are organized into Career Clusters. Each pathway within a cluster is structured to make it easier to see which courses are relevant to certain career areas to assist in your high school course planning.

CTE Career Clusters:

- Agriculture, Food & Natural Resources
- Arts, Audio/Visual Technology & Communications
- Business, Finance & Marketing
- Education & Training
- Engineering & Technology
- Health Science
- Hospitality & Tourism
- Human Services
- Information Technology
- Law, Public Safety, Corrections, & Security
- Manufacturing
- Transportation, Distribution & Logistics

Basic Requirements:

1. Complete a series of courses in one or more of the USBE CTE Pathways. Most pathways require completion of at least three credits; two in foundation courses, and one in elective courses.
2. Complete all high school graduation requirements.
3. No application necessary. Completers determined by the CTE Coordinator.

Pathways listed in this document only reflect the pathways available at Woods Cross High School, or that can be completed by taking courses at other Davis District magnet schools. Please note that if you are a transfer student, courses taken at previous schools may count toward a pathway.

Key to other locations where classes may be offered:

- BHS = Bountiful High School
- CHS = Clearfield High School
- Davis Tech = Davis Technical College (in Kaysville)
- DHS = Davis High School
- FHS = Farmington High School
- LHS = Layton High School
- NHS = Northridge High School
- SHS = Syracuse High School
- VHS = Viewmont High School

Agriculture, Food & Natural Resources

PATHWAY: Animal & Veterinary Science

3.00 credits for completion

Foundation Courses *Requires 2.00 credits from the following:* Credit

Animal Science 1	1.00
Animal Science 2	1.00

Elective Courses *Requires 1.00 credit from the following:* Credit

Biology - Agricultural Science I (taught at SHS)	1.00
Business Communication I (taught at DHS, LHS, SHS)	.50
CE Business Management	.50
CTE Internship	.50
Leadership Management Principles (taught at CHS, DHS, FHS)	1.00
Summer Agriculture Program	.25
Workplace Skills	.50

PATHWAY: Food Science, Dietetics & Nutrition

3.00 credits for completion

Foundation Courses *Requires 1.00 credit from the following:* Credit

CE Foundations of Nutrition	.50
Food & Nutrition I	.50

Elective Courses *Requires 2.00 credits from the following:* Credit

CE Medical Anatomy & Physiology w/ Medical Terminology & Case Studies	2.00
Food & Nutrition II	.50
CTE Internship	.50
Workplace Skills	.50

Arts, Audio/Visual Technology & Communication

PATHWAY: Broadcasting Professional

3.00 credits for completion

Foundation Courses *Requires 1.00 credit from the following:* Credit

TV Broadcasting I	.50
TV Broadcasting II	.50

Elective Courses *Requires 2.00 credits from the following:* Credit

Accounting I	.50
CE Business Management	.50
CE Computer Programming 1 (formerly Computer Programming 1A & 1B)	1.00
CE Digital Graphic Arts Intro/Digital Media I (formerly Digital Media 1A & 1B)	1.00
CTE Internship	.50
Workplace Skills	.50

PATHWAY: Graphic Design & Communication: Commercial Art

3.00 credits for completion

Foundation Courses *Requires 1.00 credit from the following:* Credit

Graphic Design I	.50
Graphic Design II	.50
Graphic Design III	1.00

Elective Courses *Requires 2.00 credits from the following:* Credit

3D Animation	.50
3D Graphics	.50
Accounting I	.50
CE Business Management	.50
CE Entrepreneurship	.50
CTE Internship	.50
CE Digital Graphic Arts Intro/Digital Media I (formerly Digital Media 1A & 1B)	1.00
Workplace Skills	.50

Arts, Audio/Visual Technology & Communication

PATHWAY: Graphic Design & Communication: Digital Media

3.00 credits for completion

Foundation Courses Credit

Required course:

CE Digital Graphic Arts Intro/Digital Media I (formerly Digital Media 1A & 1B) 1.00

Choose 1.00 credit from the following courses:

3D Animation .50

3D Graphics .50

Digital Media II (taught at BHS, CHS, DHS, FHS, LHS, SHS) 1.00

Elective Courses *Requires 1.00 credit from the following:* Credit

CE Entrepreneurship .50

CE Gaming Development Fundamentals .50

CE Web Development .50

CTE Internship .50

Digital Marketing .50

Workplace Skills .50

Business, Finance & Marketing

PATHWAY: Accounting & Financial Operations

3.00 credits for completion

Foundation Courses *Requires 1.00 credit from the following:* Credit

Accounting I	.50
Accounting II	.50
Advanced Accounting (taught at DHS, FHS)	1.00

Elective Courses *Requires 2.00 credits from the following:* Credit

Business Communication I (taught at DHS, LHS, SHS)	.50
Business Law	.50
CE Business Management	.50
CE Business Office Specialist	.50
CE Retailing I (taught at NHS, SHS, VHS)	.50
CTE Internship	.50
Workplace Skills	.50

PATHWAY: Entrepreneurship

3.00 credits for completion

Foundation Courses *Requires 1.50 credits from the following:* Credit

Business Law	.50
CE Business Management	.50
CE Entrepreneurship	.50

Elective Courses *Requires 1.50 credits from the following:* Credit

Accounting I	.50
Business Communication I (taught at DHS, LHS, SHS)	.50
CE Web Development	.50
CTE Internship	.50
Digital Business Applications (taught at BHS, DHS, LHS, NHS)	.50
Leadership Management Principles (taught at CHS, DHS, FHS)	1.00
Marketing I	.50
Sports & Entertainment Marketing	.50
Workplace Skills	.50

Business, Finance & Marketing

PATHWAY: Office / Administrative Support

3.00 credits for completion

Foundation Courses <i>Requires 1.00 credit from the following:</i>	<u>Credit</u>
Business Communication I (taught at DHS, LHS, SHS)	.50
CE Business Office Specialist	.50
Digital Business Applications (taught at BHS, DHS, FHS, LHS, NHS)	.50
Digital Marketing	.50

Elective Courses <i>Requires 2.00 credits from the following:</i>	<u>Credit</u>
Accounting I	1.00
CE Business Management	.50
CE Computer Science Principles	1.00
CE Web Development	.50
CE Digital Graphic Arts Intro/Digital Media I (formerly Digital Media 1A & 1B)	1.00
CTE Internship	.50
Workplace Skills	.50

PATHWAY: Marketing & Sales

3.00 credits for completion

Foundation Courses <i>Requires 1.00 credit from the following:</i>	<u>Credit</u>
CE Marketing II	.50
Digital Marketing	.50
Marketing I	.50

Elective Courses <i>Requires 2.00 credits from the following:</i>	<u>Credit</u>
CE Business Management	.50
Leadership Principles (taught at CHS, DHS, FHS)	.50
Sports & Entertainment Marketing	.50
CTE Internship	.50
Workplace Skills	.50

Education & Training

PATHWAY: Pre-K: Early Childhood Education

3.00 credits for completion

Foundation Courses <i>The following classes are required</i>	<u>Credit</u>
Child Development	.50
Early Childhood Education I	.50
Early Childhood Education II	.50

Elective Courses <i>Requires 1.50 credits from the following:</i>	<u>Credit</u>
Accounting I	.50
Adult Roles & Financial Literacy (taught at CHS, DHS, FHS, LHS, NHS, SHS, VHS)	1.00
Adult Roles & Responsibility (taught at BHS)	.50
CE Entrepreneurship	.50
CE Foundations of Nutrition	.50
CTE Internship	.50
Early Childhood Education Internship	.50
Food & Nutrition I	.50
Workplace Skills	.50

PATHWAY: K-12: Teaching as a Profession

3.00 credits for completion

Foundation Courses <i>The following classes are required</i>	<u>Credit</u>
Teaching as a Profession I (AKA Exploring Teaching)	.50
Teaching as a Profession II	.50
Teaching as a Profession III (CE Education 1010)	.50

Elective Courses <i>Requires 1.50 credits from the following:</i>	<u>Credit</u>
Business Communication I (taught at DHS, LHS, SHS)	.50
CE Business Office Specialist	.50
CE English 1010	.50
CE Math 1050	.50
Human Development (taught at DHS, LHS, NHS, VHS)	.50
Psychology	.50
CTE Internship	.50
Workplace Skills	.50

Engineering & Technology

PATHWAY: Robotics

3.00 credits for completion

Foundation Courses *Requires 1.00 credit from the following:*

	<u>Credit</u>
Robotics I	.50
Robotics II	.50

Elective Courses *Requires 2.00 credits from the following:*

	<u>Credit</u>
CE Computer Programming 1 (formerly Computer Programming 1A & 1B)	1 .00
CTE Internship	.50
Electronics I (taught at FHS, VHS)	.50
Physics with Technology (taught at LHS)	.50
Workplace Skills	.50

Health Science

PATHWAY: Clinical Laboratory Science: Biotechnology

3.00 credits for completion

Foundation Courses *Requires 1.00 credit from the following:* Credit
Biotechnology 1.00

Elective Courses *Requires 2.00 credits from the following:* Credit
CE Medical Anatomy & Physiology w/ Medical Terminology & Case Studies 2.00
CTE Internship .50
Intro Health Science .50
Workplace Skills .50

PATHWAY: Clinical Laboratory Science: Medical Forensics

3.00 credits for completion

Foundation Courses *Requires 1.00 credit from the following:* Credit
Medical Forensics (taught at NHS, SHS) 1.00

Elective Courses *Requires 2.00 credits from the following:* Credit
CE Medical Anatomy & Physiology w/ Medical Terminology & Case Studies 2.00
CTE Internship .50
Health Science, Introduction .50
Workplace Skills .50

PATHWAY: Emergency Medical Services (EMT)

3.00 credits for completion

Foundation Courses *Requires 2.00 credits from the following:* Credit
Emergency Medical Technician (taught at Davis Tech) 2.00

Elective Courses *Requires 1.00 credit from the following:* Credit
CE Emergency Medical Response .50
CE Medical Anatomy & Physiology w/ Medical Terminology & Case Studies 2.00
CTE Internship .50
Health Science, Introduction .50
Workplace Skills .50

Health Science

PATHWAY: Nursing Services

3.00 credits for completion

Foundation Courses *Requires .50 credits from the following:*

	<u>Credit</u>
Nurse Assistant (CNA) (taught at Davis Tech, DHS, FHS, NHS, SHS, VHS)	.50

Elective Courses *Requires 2.50 credits from the following:*

	<u>Credit</u>
CE Emergency Medical Response	.50
CE Foundations of Nutrition	.50
CE Medical Anatomy & Physiology w/ Medical Terminology & Case Studies	2.00
CTE Internship	.50
Food & Nutrition I	.50
Food & Nutrition II	.50
Health Science, Introduction	.50
Workplace Skills	.50

PATHWAY: Therapeutic Clinical Services: Dental Assistant

3.00 credits for completion

Foundation Courses *Requires 2.00 credits from the following:*

	<u>Credit</u>
Dental Assistant (taught at Davis Tech)	1.00

Elective Courses *Requires 1.00 credit from the following:*

	<u>Credit</u>
CE Foundations of Nutrition	.50
CE Medical Anatomy & Physiology w/ Medical Terminology & Case Studies	2.00
CTE Internship	.50
Food & Nutrition I	.50
Food & Nutrition II	.50
Health Science, Introduction	.50
Workplace Skills	.50

Health Science

PATHWAY: Therapeutic Clinical Services: Exercise Science / Sports Med

3.00 credits for completion

Foundation Courses *Requires 1.00 credit from the following:* Credit
CE Exercise Science/Sports Medicine 1.00

Elective Courses *Requires 2.00 credits from the following:* Credit
CE Emergency Medical Response .50
CE Medical Anatomy & Physiology w/ Medical Terminology & Case Studies 2.00
CTE Internship .50
Health Science, Introduction .50
Workplace Skills .50

PATHWAY: Therapeutic Clinical Services: Medical Assistant

3.00 credits for completion

Foundation Courses *Requires 2.00 credits from the following:* Credit
Medical Assistant (taught at Davis Tech) 2.00

Elective Courses *Requires 1.00 credit from the following:* Credit
CE Emergency Medical Response .50
CE Medical Anatomy & Physiology w/ Medical Terminology & Case Studies 2.00
CTE Internship .50
Health Science, Introduction .50
Workplace Skills .50

PATHWAY: Therapeutic Clinical Services: Pharmacy Technician

3.00 credits for completion

Foundation Courses *Requires 2.00 credits from the following:* Credit
Pharmacy Technician (taught at Davis Tech) 2.00

Elective Courses *Requires 1.00 credit from the following:* Credit
CE Medical Anatomy & Physiology w/ Medical Terminology & Case Studies 2.00
CTE Internship .50
Health Science, Introduction .50
Workplace Skills .50

Hospitality & Tourism

PATHWAY: Culinary Arts

3.00 credits for completion

Foundation Courses <i>Requires 2.00 credit from the following:</i>	<u>Credit</u>
CE Culinary Arts	1.00
Culinary Management (Davis Tech Culinary Program)	1.00

Elective Courses <i>Requires 2.00 credits from the following:</i>	<u>Credit</u>
CE Foundations of Nutrition	.50
Food & Nutrition I	.50
Food & Nutrition II	.50
CE Entrepreneurship	.50
CTE Internship	.50
Hospitality & Tourism (taught at BHS, CHS, DHS, FHS, LHS, NHS, SHS)	.50
Workplace Skills	.50

PATHWAY: Hospitality & Tourism

3.00 credits for completion

Foundation Courses <i>Requires 1.00 credit from the following:</i>	<u>Credit</u>
Hospitality & Tourism (taught at BHS, CHS, DHS, FHS, LHS, NHS, SHS)	.50
Marketing I	.50

Elective Courses <i>Requires 2.00 credits from the following:</i>	<u>Credit</u>
Accounting I	.50
Business Communication I (taught at DHS, LHS, SHS)	.50
CE Business Management	.50
CE Entrepreneurship	.50
CE Retailing I (taught at NHS, SHS, VHS)	.50
CTE Internship	.50
Workplace Skills	.50

Human Services

PATHWAY: Personal Services: Cosmetology / Barbering

3.00 credits for completion

Foundation Courses *Requires 2.00 credits from the following courses:* Credit

Barbering (taught at Paul Mitchell Ogden Campus) 1.00

Cosmetology (taught at Davis Tech as well as several private cosmetology schools) 2.00

Hair Design (taught at Davis Tech) 2.00

Elective Courses *Requires 1.00 credit from the following courses:* Credit

Accounting I .50

Accounting II .50

CE Business Management .50

CE Entrepreneurship .50

CTE Internship .50

Workplace Skills .50

PATHWAY: Personal Services: Esthetician / Nail Technician

3.00 credits for completion

Foundation Courses *Requires 1.00 credit from the following:* Credit

Basic Esthetician & Skin Care (taught at Davis Tech) 1.00

Nail Technician (taught at Davis Tech) 1.00

Elective Courses *Requires 2.00 credits from the following:* Credit

Accounting I .50

Accounting II .50

CE Business Management .50

CE Entrepreneurship .50

CTE Internship .50

Workplace Skills .50

Information Technology

PATHWAY: Programming & Software Development

3.00 credits for completion

<u>Foundation Courses</u>	<u>Credit</u>
<i>Choose 1.00 credit from the following:</i>	
CE Computer Programming 1 (formerly Computer Programming 1A & 1B)	1.00
CE Computer Science Principles	1.00
<i>Choose 1.00 credit from the following:</i>	
AP Computer Science (taught at LHS, NHS)	1.00
CE Gaming Development Fundamentals	.50
Computer Programming II (taught at LHS, SHS)	1.00
<u>Elective Courses</u> <i>Requires 1.00 credit from the following:</i>	
CE Entrepreneurship	.50
CTE Internship	.50
Database Development I (taught at SHS)	1.00
Exploring Computer Science I	.50
Workplace Skills	.50

Manufacturing

PATHWAY: Advanced Manufacturing: Cabinetmaking / Millwork

3.00 credits for completion

Foundation Courses <i>Requires 1.50 credits from the following courses:</i>	<u>Credit</u>
CE Cabinetmaking	1.00
CE Furniture Design & Manufacturing	.50

Elective Courses <i>Requires 1.50 credits from the following courses:</i>	<u>Credit</u>
CAD Mechanical Design I (taught at FHS, LHS, VHS)	.50
CE CAD Architectural Design I (taught at LHS)	.50
CE Woodworking	.50
CTE Internship	.50
Machinist Technician (taught at VHS)	.50
PLTW Civil Engineering & Architecture (taught at DHS, LHS)	1.00
PLTW Engineering Design & Development (taught at DHS, FHS, NHS, SHS)	1.00
Workplace Skills	.50

PATHWAY: Aerospace Manufacturing

3.00 credits for completion

Foundation Courses <i>Requires 1.0 credit from the following courses:</i>	<u>Credit</u>
Composites I	.50
Manufacturing Principles I	.50

Elective Courses <i>Requires 2.0 credits from the following courses:</i>	<u>Credit</u>
Apprenticeship	.50
CTE Internship	.50
Machine Technician (taught at VHS)	.50
Workplace Skills	.50

UAP Externship (required for industry certificate) See CTE Coordinator for more information

Manufacturing

PATHWAY: Medical Innovations

1.50 credits for completion

Foundation Courses <i>Requires 1.00 credit from the following:</i>	<u>Credit</u>
Manufacturing Principles I	.50
Biomanufacturing I	.50

Elective Courses <i>Requires .50 credits from the following:</i>	<u>Credit</u>
CTE Internship	.50
Workplace Skills	.50

PATHWAY: Welding

3.00 credits for completion

Foundation Courses <i>Requires 1.00 credit from the following:</i>	<u>Credit</u>
Welding Technician – Entry Level	1.00
Welding Technician – Intermediate Level	1.00

Elective Courses <i>Requires 2.00 credits from the following:</i>	<u>Credit</u>
CAD Mechanical Design I (taught at FHS, LHS, VHS)	.50
CAD Mechanical Design II (taught at FHS, LHS)	.50
CE Machinist Tech II (taught at VHS)	.50
CE Welding Technician – Advanced Level (taught at CHS, Davis Tech, VHS)	.50
CTE Internship	.50
Machinist Tech I (taught at VHS)	.50
Workplace Skills	.50

Transportation, Distribution & Logistics

PATHWAY: Automotive: Service Technician

3.00 credits for completion

Foundation Courses *Requires 1.50 credits from the following:* Credit

Auto Tech I	.50
CE Auto Tech II	1.00
CE Auto Tech III	1.00

Elective Courses *Requires 1.50 credits from the following:* Credit

Accounting I	.50
CE Business Management	.50
Electronics I (taught at FHS, VHS)	.50
CE Entrepreneurship	.50
CTE Internship	.50
Machinist Technician (taught at VHS)	.50
Welding Technician – Entry Level	1.00
Workplace Skills	.50

PATHWAY: Diesel

3.00 credits for completion

Foundation Courses *Requires 1.00 credit from the following:* Credit

Diesel Technician (taught at Davis Tech)	.50
Medium/Heavy Vehicle Systems (taught at Davis Tech)	.50

Elective Courses *Requires 2.00 credits from the following:* Credit

Accounting I	.50
CE Business Management	.50
CE Auto Tech II	1.00
CE Auto Tech III	1.00
CE Entrepreneurship	.50
CTE Internship	.50
Electronics I (taught at FHS, VHS)	.50
Workplace Skills	.50