

Highland High School CTE Career Pathways 2024-25

Students **must** complete **3.0 Credits** in a specific pathway to be considered a **Pathway Completer**

Animal & Veterinary Science

Completer Courses (at least ONE):

Guide Dog Training (1.0)
CTE Internship (0.5)

Explorer & Concentrator Courses:

Agricultural Biotechnology (1.0)
Small Companion Animal Sci. (0.5)

Broadcasting & Digital Media

Completer Courses (at least ONE):

TV Broadcasting II (1.0)
Video Production II ** (1.0)
CTE Internship (0.5)

Explorer & Concentrator Courses:

TV Broadcasting I (0.5)
Video Production I (0.5)
3D Animation (0.5)
3D Graphics (0.5)
Computer Programming I (0.5)
Web Development I (0.5)

Graphic Design & Communication

Completer Courses (at least ONE):

Commercial Photography II (0.5)
CTE Internship (0.5)

Explorer & Concentrator Courses:

Commercial Photography I (0.5)
3D Graphics (0.5)
Entrepreneurship (0.5)
Interior Design (0.5)

Cybersecurity

Completer Courses (at least ONE):

Cyber Forensics (0.5)
CTE Internship (0.5)

Explorer & Concentrator Courses:

Computer Programming I (0.5)
Exploring Computer Science (0.5)
Network Fundamentals (0.5)
Web Development 1 (0.5)
Cyber Security (0.5)
MATH 1050** (1.0)

Information Technology Systems

Completer Courses (at least ONE):

Computer Systems I & II (1.0)
GIS Remote Sensing (0.5)
CTE Internship (0.5)

Explorer & Concentrator Courses:

Computer Programming I (0.5)
Exploring Computer Science (0.5)
Intro to GIS (0.5)
Network Fundamentals (1.0)
Web Development 1 (0.5)
MATH 1050** (1.0)

**** Indicates courses available for Concurrent Enrollment credit**

+ Indicates courses with prerequisites other than natural course progression (ex. I, II, III)

Programming & Software Dev.

Completer Courses (at least ONE):

AP Computer Science (1.0)
Advanced Computer Program. (1.0)
CTE Internship (0.5)

Explorer & Concentrator Courses:

Computer Programming I (0.5)
Computer Programming 2 (0.5)
Exploring Computer Science (0.5)
Game Development Fund. (0.5)
Mobile Development Fund. (0.5)
Web Development 1 (0.5)
MATH 1050** (1.0)

Pre-K: Early Childhood Education

Completer Courses (at least ONE):

Early Childhood Education III (1.0)
CTE Internship (0.5)

Explorer & Concentrator Courses:

Early Childhood Education I (0.5)
Early Childhood Education II (0.5)
Child Development (0.5)
Food & Nutrition (0.5)

K-12: Teaching as a Profession

Completer Courses (at least ONE):

CTE Internship (0.5)

Explorer & Concentrator Courses:

Teaching as a Profession I (0.5)
Human Development** (0.5)
MATH 1050** (1.0)
MATH 1030** (1.0)
ENG 1010** (1.0)

Graduating Class of 2028

Highland High School CTE Career Pathways 2024-25

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Health Sciences

Completer Courses (at least ONE):

Medical Assistant +	(2.0)
Nurse Assistant (CNA) +	(1.0)
Emergency Medical Tech	(2.0)
CTE Internship	(0.5)
Explorer & Concentrator Courses:	
Human Development**	(0.5)
Intro to Behavioral Health	(0.5)
Intro to Health Science	(0.5)
Medical Terminology**	(0.5)
Medical Anatomy & Physiology	(1.0)
Biotechnology	(1.0)
Psychology	(0.5)
Exercise Science/Sports Med +	(1.0)
Medical Forensics	(0.5)

Culinary Arts

Completer Courses (at least ONE):

ProStart II	(1.0)
CTE Internship	(0.5)
Baking & Pastry	(0.5)

Explorer & Concentrator Courses:

Food & Nutrition	(0.5)
Culinary 1	(0.5)
ProStart I**	(1.0)

Hospitality & Tourism

Completer Courses (at least ONE):

CTE Internship	(0.5)
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Explorer & Concentrator Courses:

Baking & Pastry	(0.5)
Business Office Specialist	(0.5)
Culinary 1	(0.5)
Entrepreneurship	(0.5)
Hospitality & Tourism^^	(0.5)
Marketing 1	(0.5)
Sports & Recreation Marketing^^	(0.5)
Web Development 1	(0.5)

Family & Human Services

Completer Courses (at least ONE):

CTE Internship	(0.5)
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Explorer & Concentrator Courses:

Behavioral Health, Intro	(0.5)
Health Science, Intro	(0.5)
Human Development**	(0.5)
Ind. & Family Relationships**	(0.5)
Psychology	(0.5)

Personal Care Services

Completer Courses (at least ONE):

CTE Internship	(0.5)
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Explorer & Concentrator Courses:

Business Office Specialist	(0.5)
Entrepreneurship	(0.5)
Marketing 1	(0.5)
Barbering 1	(1.0)
Nail Technician 1	(1.0)

Protective Services

Completer Courses (at least ONE):

CTE Internship	(0.5)
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Explorer & Concentrator Courses:

Behavioral Health, Intro	(0.5)
Intro to Health Science	(0.5)
Law Enforcement	(0.5)
Exploring Computer Science	(0.5)
Fire Science - Safety & Survival	
Fire Science - Behavior & Combustion	
Intro to Criminal Justice**	(0.5)

Manufacturing & Production

Completer Courses (at least ONE):

Woods 3	(1.0)
CTE Internship	(0.5)

Explorer & Concentrator Courses:

Woods 1	(0.5)
Woods 2	(1.0)

Welding & Machining

Completer Courses (at least ONE):

Advanced Welding	(1.0)
CE WLD 1005, 1110 & 1111 **	(2.0)
CTE Internship	(0.5)

Explorer & Concentrator Courses:

Entry-Level Welding	(1.0)
Intermediate Welding	(1.0)

Automotive

Completer Courses (at least ONE):

Auto III - ASE Electric	(1.0)
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Explorer & Concentrator Courses:

Intro to Automotive	(1.0)
Auto II - Brake Suspension	(1.0)
Small Engine Repair	(0.5)
Basic Auto Collision Repair	(1.0)
Collision Repair 1	(1.0)
Entry-Level Welding	(1.0)
CTE Internship	(0.5)

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^^Indicates new course 2025-26

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