

Highland High School CTE Career Pathways

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)

Explorer Courses:

Biology Agriculture Science (1.0)

Small Companion Animal Sci. (0.5)

CTE Internship (0.5)

Information Technology Systems

Completer Courses (at least ONE):

Network Fundamentals (1.0)

Computer Systems I & II (1.0)

Explorer Courses:

Computer Programming I (0.5)

Exploring Computer Science (0.5)

CTE Internship (0.5)

Health Sciences

Completer Courses (at least ONE):

Medical Assistant + (2.0)

Nurse Assistant (CNA) + (1.0)

Emergency Medical Tech + (1.0)

Exercise Science/Sports Med + (1.0)

Explorer Courses:

Intro to Health Science (0.5)

Medical Terminology (0.5)

Medical Anatomy & Physiology (1.0)

Biotechnology (0.5)

Advanced Health Science (1.0)

Medical Forensics (0.5)

CTE Internship (0.5)

Broadcasting & Digital Media

Completer Courses (at least ONE):

TV Broadcasting II (1.0)

Video Production II ** (1.0)

Explorer 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)

CTE Internship (0.5)

Programming & Software Dev.

Completer Courses (at least ONE):

AP Computer Science (1.0)

Advanced Computer Program. (1.0)

Explorer Courses:

Computer Programming I (0.5)

Gaming Development I (0.5)

Exploring Computer Science (0.5)

Computer Programming II (0.5)

Mobile App Development (0.5)

CTE Internship (0.5)

Culinary Arts

Completer Courses (at least ONE):

ProStart II (1.0)

Explorer Courses:

Food & Nutrition I (0.5)

ProStart I (1.0)

Baking & Pastry (0.5)

CTE Internship (0.5)

Graphic Design & Communication

Completer Courses (at least ONE):

Commercial Photography II (0.5)

Commercial Art III (1.0)

Explorer Courses:

Commercial Art I (1.0)

Commercial Art II (1.0)

Commercial Photography I (0.5)

CTE Internship (0.5)

Pre-K: Early Childhood Education

Completer Courses (at least ONE):

Early Childhood Education III (1.0)

Explorer Courses:

Early Childhood Education I (0.5)

Early Childhood Education II (0.5)

Child Development (0.5)

Food & Nutrition I (0.5)

CTE Internship (0.5)

Personal Care Services

Completer Courses (at least ONE):

Barbering II (1.0)

Nail Technician II (1.0)

Explorer Courses:

Barbering I (1.0)

Nail Technician I (1.0)

Marketing I (0.5)

Entrepreneurship (0.5)

CTE Internship (0.5)

K-12: Teaching as a Profession

Completer Courses (at least ONE):

Teaching as a Profession III ** (1.0)

Explorer Courses:

Teaching as a Profession I (0.5)

Teaching as a Profession II (0.5)

ENG 1010 (1.0)

CTE Internship (0.5)

** Indicates courses available for Concurrent Enrollment credit

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

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Manufacturing & Production

Completer Courses (at least ONE):

Woods 3 - Cabinetmaking (1.0)

Explorer Courses:

Woods 1 - Basic Woodwork (1.0)

Woods 2 - Furniture Design (1.0)

CTE Internship (0.5)

Welding & Machining

Completer Courses (at least ONE):

Advanced Welding (1.0)

CE WLD 1005, 1110 & 1111 ** (2.0)

Explorer Courses:

Entry-Level Welding (1.0)

Intermediate Welding (1.0)

CTE Internship (0.5)

Auto Mechanics & Repairs

Completer Courses (at least ONE):

Auto III - ASE Electric (1.0)

Explorer Courses:

Intro to Automotive (1.0)

Auto II - Brake Suspension (1.0)

Small Engine Repair (0.5)

Basic Auto Collision Repair (1.0)

Entry-Level Welding (1.0)

CTE Internship (0.5)

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