

CTE Pathways HHS Dept.

Highland High School

Agriculture Science
Business & Technology
Construction & Building Trades
Engineering & Technology
Family & Consumer Science

Ag & Building Trades

Instructors
Rene Barr
Bruce Deibert
Claire Geiger
John Lamp

Agriculture, Food, and Natural Resources

Horticulture Sequence

FRESHMAN
Intro to Agriculture
SOPHOMORE
Intro to Horticulture
OR
Ag Science
JUNIOR
Ag Greenhouse Mgmt
Ag Landscape and Turf Mgmt I
Floral Design
SENIOR
Ag Greenhouse Mgmt
Ag Landscape and Turf Mgmt I
Floral Design
Ag Business Mgmt
Diversified CO-OP

Manufacturing, Engineering, Technology, and Trades

Ag Mechanics Sequence

FRESHMAN
Intro to Agriculture
SOPHOMORE
Intro to Horticulture
OR Ag Science
JUNIOR
PSAA OR Ag Science
Ag Machinery Service
Ag Construction & Tech I (Welding I)
Building Trades
SENIOR
Ag Power Machinery
Diversified COOP
Ag Construction & Tech II (Welding II)
Ag Power Mechanics
Building Trades

Mfg/Const Sequence

FRESHMAN
Industrial Ed 1
SOPHOMORE
Industrial Ed 2
JUNIOR
Welding I
Building Trades
SENIOR
Welding II
Building Trades

Finance and Business Services

Ag Business/Mgmt Science Sequence

FRESHMAN
Intro to Agriculture
SOPHOMORE
Ag Science
OR BSAA
JUNIOR
BSAA
Ag Machinery Service
Pre-Veterinary I
SENIOR
Ag Business Mgmt
Diversified CO-OP
Pre-Veterinary II

Finance and Business Services

Accounting & Office Occ Sequence

FRESHMAN
Computer Concepts & Software Application
SOPHOMORE
*Microsoft Applications- Word & PowerPoint
*Microsoft Applications- Excel & Access
Economics
JUNIOR
Accounting I (All Year)
SENIOR
Accounting II (All Year)
CO-OP

*SWIC Dual Credit Course

Information Technology

Computer Programming Sequence

FRESHMAN
Computer Concepts & Software Application
SOPHOMORE
Intro to Computer Science
JUNIOR
PLTW Computer Science Principles (All Year)
SENIOR
PLTW Computer Science Principles (All Year)

Information Technology Arts & Communications

Web Design Sequence

FRESHMAN
Computer Concepts & Software Application
SOPHOMORE
*Photoshop Graphics
*Adv. Photoshop Graphics
*HTML Web Design
*Electronic Desktop Publishing
JUNIOR
*Adv. Photoshop Graphics
*HTML Web Design
*Electronic Desktop Publishing
SENIOR
*Adv. Photoshop Graphics
*HTML Web Design
*Electronic Desktop Publishing

Business & Technology

Instructors
Michele Heinz
Melissa Perkes
Robert Vance

Engineering & Technology



Instructor
Chris Durbin

Science, Technology, Engineering and Mathematics

Engineering & Architecture Sequence

FRESHMAN
Technology Orientation
Intro to Computer Science
PLTW Intro to Engineering Design
SOPHOMORE
Technology Orientation
Intro to Computer Science
PLTW Principles of Engineering
PLTW Computer Science Principles
JUNIOR
PLTW Civil Engineering & Architecture
PLTW Computer Science Principles
SENIOR
PLTW Engineering Design and Development

Manufacturing

Manufacturing & Construction Sequence

FRESHMAN
Technology Orientation
PLTW Intro to Engineering
SOPHOMORE
Technology Orientation
PLTW Principles of Engineering
JUNIOR
PLTW Civil Engineering
SENIOR
PLTW Engineering Design
Cooperative Education

Agriculture, Food, and Natural Resources

Finance and Business Services

Cooking & Related Culinary Arts Sequence

FRESHMAN
*Foods and Nutrition (All Year)
SOPHOMORE
*Foods and Nutrition (All Year)
JUNIOR
*Foods and Nutrition (All Year)
Culinary Occupations I
Culinary Occupations II
SENIOR
Culinary Occupations I
Culinary Occupations II
CO-OP Education

Human and Public Service

Teaching/Childcare Sequence

FRESHMAN
*Child Development
SOPHOMORE
*Child Development
JUNIOR
Child and Day Care I
Child and Day Care II
SENIOR
Child and Day Care I
Child and Day Care II
CO-OP Education

Work & Family Studies Sequence

FRESHMAN
*Child Development
*Foods and Nutrition (All Year)
SOPHOMORE
*Child Development
*Foods and Nutrition (All Year)
JUNIOR
Adult Living
Parenting
Personal Finance
SENIOR
Adult Living
Parenting

Family & Consumer Science



Instructors
Dawn Jones
Emily Stille

*Certifications offered: ECE Level 1, ServSafe Food Handler, ServSafe Food Manager's License