

Your Ohio CTE Waiver Change Solution is **PLTW Gateway**



By next school year, Ohio Law requires each city, local and exempted village school district to provide career-technical education to students enrolled in grades seven and eight. PLTW Gateway is the turnkey solution that solves compliance, funding, and implementation already trusted by 330+ OH Middle Schools.

This guide illustrates the specific alignment between course code needs, how PLTW Gateway solves them for you, and ODEW's recognition of our pathways.

Middle School Course Code Alignment for PLTW Gateway Programming

ODEW Course Code	PLTW Gateway Course Title
175015 Pre-Engineering (VM)	Design and Modeling, Automation and Robotics, Energy and the Environment, Flight and Space, Science of Technology, Magic of Electrons, Green Architecture
072001 Health Science & Technology (VM)	Medical Detectives
145005 Information Technology (VM)	Computer Science for Innovators and Makers, App Creators

Engineering and Science Technologies

The Ohio Department of Education and Workforce recognizes Project Lead The Way as a pathway to career readiness in **Engineering and Science Technologies (F6)**.

ODEW Course Code	PLTW High School Course Title
*See Note	Engineering Essentials
175001 Engineering Design	Introduction to Engineering Design
175002 Engineering Principles	Principles of Engineering
177013 Aviation	Aerospace Engineering
176010 Principles of Manufacturing	Computer Integrated Manufacturing
175007 Digital Electronics	Digital Electronics
175009 Capstone Engineering	Engineering Design and Development
178020 Architecture Design – Structural	Civil Engineering & Architecture
010715 Energy Systems Management	Environmental Sustainability

Licensure Requirements:

Valid math or science teaching license for high school courses with PLTW certification - schools submit override request for CTE license waiver.

***Options for Engineering Essentials:** 175002, 175015, or 175001 depending on other ENG courses offered, hours, grade level, WebXam, or whether it counts toward minimum requirement (no official alignment with ODEW CTE courses).

All ODEW course competencies must still be covered when using PLTW courses.

Health Science

The Ohio Department of Education and Workforce recognizes Project Lead The Way as a **Health Science Career Field Pathway** under **Medical Bioscience (J0)**.

Other ODEW courses in the Medical Bioscience Pathway could also be used with the PLTW Biomedical Sciences courses depending on how and what ODEW course standards the teacher chooses to cover with the PLTW courses.

ODEW Course Code	PLTW High School Course Title
072110 Principles/Practices of Biomedical Technology	Principles of Biomedical Science
072040 Human Anatomy and Physiology	Human Body Systems
072130 Genetics of Disease	Medical Interventions
072125 Biotechnology for Health & Disease	Biomedical Innovations

Licensure Requirements:

Valid math or science teaching license for high school courses with PLTW certification – schools submit override request each year for CTE license waiver.

All ODEW course competencies must still be covered when using PLTW courses.



Our Ohio Team is ready to talk through grant funding and implementation plans to meet your district's needs!



To schedule time, scan or visit

go.pltw.org/talk-to-ohio