

Crosswalk for SY 2022 Retired CTE Courses

Project Lead the Way (PLTW) and ISBE Course Crosswalk

PLTW Computer Science (9-12)		
PLTW Curriculum	Non-CTE State Course	CTE State Course
Computer Science Essentials	10012A000- Exploring Computer Science	10012A001- Introduction to Computer Science
Computer Science Principles	10011A000- Computer Science Principles	10011A001- Computer Science Principles
Computer Science A	10157A000- AP Computer Science A	10011A001- Computer Science Principles
Cybersecurity	10020A000- Cybersecurity	10020A001- Cybersecurity

PLTW Engineering (9-12)		
PLTW Curriculum	Non-CTE State Course	CTE State Course
Engineering Essentials	21003A000- Engineering Technology	21006A001- Introduction to Engineering Design
Introduction to Engineering Design	21001A000- Pre-engineering	21006A001- Introduction to Engineering Design
Principles of Engineering	21004A000- Principles of Engineering	21004A001- Principles of Engineering
Aerospace Engineering	21013A000- Aerospace Engineering	21013A001- Aerospace Engineering
Civil Engineering and Architecture	21012A000- Civil Engineering and Architecture	21012A001- Civil Engineering and Architecture
Computer Integrated Manufacturing	21010A000- Computer Integrated Manufacturing	21010A001- Computer Integrated Manufacturing
Computer Science Principles	10011A000- Computer Science Principles	10011A001- Computer Science Principles
Digital Electronics	21008A000- Digital Electronics	21008A001- Digital Electronics
Environmental Sustainability	03210A000- Science, Technology and Society	21054A004- Technology, Society and Sustainability
Engineering Design and Development	21007A000- Engineering Design and Development	21006A002- Engineering Design

PLTW Biomedical Science (9-12)		
PLTW Curriculum	Non-CTE State Course	CTE State Course
Principles of Biomedical Science	14001A000- Exploration of Health Care Occupations	14255A001-Principles of Biomedical Sciences
Human Body Systems	03053A000- Anatomy and Physiology	14251A001- Human Body Systems
Medical Interventions	14251A000- Health Science	14254A001- Medical Interventions
Biomedical Innovation	14255A000- Biomedical Innovation	14255A002- Biomedical Innovation

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PLTW Gateway (6-8)

Please note that the prior-to-secondary courses must be aligned to a Group 1 course if you are counting this as a part of an approved career and technical education (CTE) program. The following are possible alignment suggestions but may vary depending on the particular content covered in the local course description.

PLTW Curriculum	Non-CTE State Course	CTE State Course
Design and Modeling	21004A000- Principles of Engineering	21052A002- Introduction to Technology and Engineering (Industrial)
Automation and Robotics	21002A000- Engineering Applications	13052A001- Production Technology
App Creators	10206A000- Mobile Applications	10001A001 Introduction to Computer Technology
Computer Science for Innovators and Makers	10012A000- Exploring Computer Science	10001A001 Introduction to Computer Technology
Energy and the Environment	03012A000- Energy and the Environment	20101A001- Energy Utilization Technology
Flight and Space	03209A000- Aerospace	20001A001- Transportation Technology
Science of Technology	21053A000- Emerging Technologies	21052A002- Introduction to Technology and Engineering (Industrial)
Magic of Electrons	17101A000- Exploration of Electricity/Electronics	20101A001 Energy Utilization Technology
Green Architecture	21103A000- Drafting—Architectural	13052A001- Production Technology
Medical Detectives	14001A000- Exploration of Health Care Occupations	14001A001- Orientation to Diversified Health Occupations

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Engineering by Design and ISBE Course Crosswalk

EbD Curriculum	Non-CTE State Course	CTE State Course
Grade 9-12 Courses		
Foundations of Technology and Engineering	21052A000- Technological Processes	21052A001- Foundations of Technology
AP Computer Science Principles by Design	21054A000- 10161A000- AP Computer Science Principles	10011A001- Computer Science Principles
Technological Design	Technology Innovation and Assessment	21054A001- Technological Design and Innovation
Advanced Design Applications	21006A000- Engineering Design	21006A002- Engineering Design
Advanced Technological Applications	21006A000- Engineering Design	21006A002- Engineering Design
Engineering Design (Capstone)	21006A000- Engineering Design	21006A002- Engineering Design