

Course listing by Grade Level

K-5 – Awareness (DPI)	6-8 – Exploration (DPI / CTE)	9-12 – Preparation (CTE)
Integrate CS/Cyber curriculum within other content area (K-5)	Integrate CS/Cyber curriculum within other content area (6-8) 10103 – PLTW GTT Foundations (6) 10108 – PLTW GTT Foundations (7-8) 10201 – PLTW Intro to CS (7-8) 23009 – CS (7-8) 27009 – Intro to Programing Language (7-8) 27010 – Intro to Cybersecurity (7-8) 27030 – Computer Gaming and Design (7-8)	10810 – PLTW Computer Science Essentials (9-12) 10815 – PLTW Computer Science Essentials (10-12) 10520 – PLTW Cybersecurity (9-12) 10411 – Robotics Engineering (9-12) 11041 – Integrated Math for CS (9-12) 11042 – Advanced Java (9-12) 11583 – Advanced Placement CS A (10-12) 14022 – Web Design (9-12) 14026 – Database (9-12) 23011 – CS Applications (9-12) 23012 – CS Programming (9-12) 23013 – Integrated Math for CS (9-12) 23015 – Advanced CS Programming (9-12) 23100 – Cybersecurity (9-12) 23580 – AP CS (10-12) 23582 – AP CS Principles (9-12) 27111 – IoT Fundamentals (9-12) 27120 – Intro to Programing Languages (9-12) 27121 – Integrated Math for CS (9-12) 27122 – Program Essentials – VB (9-12) 27123 – Program Essentials – Python (9-12) 27124 – Programing Essentials – C++ (9-12) 27125 – Fundamentals of JAVA programming (9-12) 27127 – Advanced JAVA programming (9-12) 27128 – Mobile Apps Dev (9-12) 27130 – Computer Gaming and Design (9-12)

		27170 – Intro to Web Design (9-12) 27219 – Computer Hardware and OS (9-12) 27220 – IT Essentials 2 (9-12) 27265 – Intro to Networking (9-12) 27266 – CCNA Intro to Networking (9-12) 27267 – CCNA Routing/Switching (9-12) 27268 – CCNA Scaling Networks (9-12) 27269 – CCNA Connecting Networks (9-12) 27280 – Intro to Cybersecurity (9-12) 27300 – Essentials of Desktop OS (9-12) 27305 – Essentials of Desktop Linux (9-12) 27310 – Essentials of Network OS (9-12) 27500 – Data Modeling and SQL (9-12) 27510 – AP CS Principles (10-12) 27520 – AP CS A (10-12)
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Course Listing by Licensing Requirements

K-5 – Awareness (DPI)

Course	Licensing Code
Integrate CS/Cyber curriculum within other content area (K-5)	DPI CS/Cyber Credential (L3)

6-8 – Exploration (DPI / CTE)

Course	Licensing Code
Integrate CS/Cyber curriculum within other content area (6-8)	DPI CS/Cyber Credential (L3)
10103 – PLTW GTT Foundations (6)	10108-Project LEAD the WAY Endorsement (GTT Foundations) 5-12
10108 – PLTW GTT Foundations (7-8)	10108-Project LEAD the WAY Endorsement (GTT Foundations) 5-12
10201 – PLTW Intro to CS (7-8)	10201-Project LEAD the WAY Endorsement (Introduction to Computer Science) 5-12
23009 – CS (7-8)	23000-Computer Science 5-12 or 9-12 Or DPI CS/Cyber Credential (L2)
27009 – Intro to Programing Language (7-8)	27120-CTE Introduction to Programming Languages 5-12
27010 – Intro to Cybersecurity (7-8)	27280-CTE Introduction to Cybersecurity 5-12
27030 – Computer Gaming and Design (7-8)	27130-CTE Computer Gaming and Design 5-12

9-12 – Preparation (CTE)

Course	Licensing Code
10411 – Robotics Engineering (9-12)	10005-Industrial Arts - 5-12 or 9-12 OR 10007-Technology Education - 5-12 or 9-12 OR 10010-Industrial Technology - 5-12 or 9-12
11041 – Integrated Math for CS (9-12)	11000-Mathematics - 5-12 AND 23000-Computer Science - 5-12
11042 – Advanced Java (9-12)	11010-Mathematics - 5-12 or 9-12
11583 – Advanced Placement CS A (10-12)	11000-Mathematics - 5-12 AND 23000-Computer Science - 5-12
14022 – Web Design (9-12)	03020-Business Ed/General Business - K-12, 1-12, 5-12, 9-12 OR 03025-CTE Business Education - K-12, 1-12, 5-12, 9-12
14026 – Database (9-12)	03020-Business Ed/General Business - K-12, 1-12, 5-12, 9-12 OR 03025-CTE Business Education - K-12, 1-12, 5-12, 9-12
23011 – CS Applications (9-12)	23000-Computer Science - 5-12 or 9-12 OR DPI CS/Cyber Credential (L2)
23012 – CS Programming (9-12)	23000-Computer Science - 5-12 or 9-12 OR DPI CS/Cyber Credential (L2)
23013 – Integrated Math for CS (9-12)	23000-Computer Science - 5-12 or 9-12 OR DPI CS/Cyber Credential (L2)
23015 – Advanced CS Programming (9-12)	23000-Computer Science - 5-12 or 9-12 OR DPI CS/Cyber Credential (L1)
23580 – AP CS (10-12)	23000-Computer Science - 5-12 or 9-1 OR DPI CS/Cyber Credential (L1)
23582 – AP CS Principles (9-12)	23000-Computer Science - 5-12 or 9-1 OR DPI CS/Cyber Credential (L2)
27111 – IoT Fundamentals (9-12)	27111-CTE Internet of Things (IoT) Fundamentals - 5-12
27120 – Intro to Programing Languages (9-12)	27120-CTE Introduction to Programming Languages - 5-12
27121 – Integrated Math for CS (9-12)	27121-Integrated Mathematics for Computer Science/Information Technology - 9-12
27122 – Program Essentials – VB (9-12)	27122-CTE Programming Essentials-Visual Basics - 9-12
27123 – Program Essentials – Python (9-12)	27123-CTE Programming Essentials-Python - 9-12
27124 – Programing Essentials – C++ (9-12)	27124-CTE Programming Essentials-C++ - 9-12
27125 – Fundamentals of JAVA programming (9-12)	27125-Fundamentals of JAVA Programming - 9-12
27127 – Advanced JAVA programming (9-12)	27127-Advanced JAVA Programming - 9-12
27128 – Mobile Apps Dev (9-12)	27128-Mobile Applications Development - 9-12

27130 – Computer Gaming and Design (9-12)	27130-CTE Computer Gaming and Design - 5-12
27170 – Intro to Web Design (9-12)	27170-Introduction to Web Design - 9-12
27219 – Computer Hardware and OS (9-12)	27219-Computer Hardware and Operating Systems (A+) - 9-12
27220 – IT Essentials 2 (9-12)	27220-IT Essentials - 9-12
27265 – Intro to Networking (9-12)	27265-Introduction to Networking - 9-12
27266 – CCNA Intro to Networking (9-12)	27266-CTE CCNA Introduction to Networks - 9-12
27267 – CCNA Routing/Switching (9-12)	27267-CTE CCNA Routing & Switching Essentials - 9-12
27268 – CCNA Scaling Networks (9-12)	27268-CTE Scaling Networks - 9-12
27269 – CCNA Connecting Networks (9-12)	27269-CTE CCNA Connecting Networks - 9-12
27280 – Intro to Cybersecurity (9-12)	27280-CTE Introduction to Cybersecurity - 9-12
27300 – Essentials of Desktop OS (9-12)	27300-CTE Windows XP Professional - 9-12
27305 – Essentials of Desktop Linux (9-12)	27305-CTE Essentials of Desktop Operating Systems - Linux - 9-12
27310 – Essentials of Network OS (9-12)	27310-CTE Windows 2003 Server - 9-12
27500 – Data Modeling and SQL (9-12)	27500-CTE Data Modeling and SQL - 9-12
27510 – AP CS Principles (10-12)	27510-AP Computer Science Principles (CTE) - 9-12
27520 – AP CS A (10-12)	27520-AP Computer Science A (CTE) - 9-12