Programming & Software Development

Career & Technology Program Pathway 2022 – 2023

	9th	10th	11th	12th
Program Courses			**Programming & Software Development I** • Game Design * • Programming ^*	**Programming & Software Development II** • Game Design * • Object-Oriented Programming ^* *Advanced Placement Object-Oriented Programming also available*
Other Required Courses				
Suggested Courses	Robotics	3D Animation		
	Art Foundations or Other Art Course			

Career Tech Student Organization (CTSO)

Business Professionals of America (BPA): Students participate in BPA activities and competitions.

Work-Based Learning

Students participate in work-based learning through the following options:

- Job Placement
- Internship
- Simulated Work Environment
- Entrepreneurship

Industry Recognized Credentials

- **Microsoft Technology Associate Developer** (6 points)
- **Microsoft Office Specialist Word Associate 2019** (3 points)
- **Unity Certified User: Programmer** (4 points)

College Credit Opportunities

Programming – CTPROG001 – Computer Logic (3 credit hours)
Object-Oriented Programming – CTPROG002 – Java Programming (3 credit hours)
Object-Oriented Programming – CTPROG003 – C++ Programming (3 credit hours)

Webxam

N3 Programming and Software Development (83MD) – Four total webxams

Key	+ = CCP	^ = CTAG	@ = Articulation Agreement	* = Webxam Tested Course