AP Computer Science A Grades 11-12
Introduction to computer science concepts
Programming using Java

AP Computer Science Principles Grades 11-12
Introduction to computer science
Project submission for AP Exam

CDE On-The-Job Training (OJT) Grades 11-12
Co-Requisite: have taken a career/technology class sometime during high school
Students must work 6 hours per week, per period of OJT

Customer Service Representative 1, 2, 3 Grades 9-12
Student assistant
MOS (Office) Industry Certification opportunity

Digital Information Technology Grades 9-12
Satisfies the one year Fine Arts graduation requirement
MOS (Office) Industry Certification opportunity
Touch keyboarding
Office 2016

Digital Design 1 Grades 10-12
Satisfies the one year Fine Arts graduation requirement
Adobe Photoshop industry certification opportunity
Adobe InDesign and Adobe Photoshop

Digital Design 2 Grades 11-12
Satisfies the one year Fine Arts graduation requirement
Adobe Photoshop industry certification opportunity
This is an Honors course.
Prerequisite: Digital Design I
Adobe InDesign, Photoshop and Illustrator

Emerging Technologies in Business Grades 9-12
Semester course
Office 2016 – Sway and Mix
Technology and labor trends, interest and personality inventories, and career research project and presentation

Fundamentals of Web Design (Web 1) Grades 9-12
Satisfies the one year Fine Arts graduation requirement
Adobe Dreamweaver and MTS for HTML/CSS industry certification opportunity
This is an Honors course.
Hard code HTML web pages; introduction to Dreamweaver; use Photoshop for image editing
Proficient typing skills are recommended.

Java Programming Essentials Grades 10-12
This is an Honors course.
This course provides foundational skills in computer science and programming concepts specific to the Java programming language. This course may be taken in preparation for the AP Computer Science A course.

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Tech Support Services I – Client Systems Grades 10-12
This is an Honors course.
Build a computer
Learn how hardware and software work

Tech Support Services II – Network Sys. Grades 11-12
MTA industry certification opportunity
This is an Honors course.
Prerequisite: PC Software Support I
Students could be used as maintenance and repair technicians school-wide.

User Interface Design (Web 2) Grades 10-12
Satisfies the one year Fine Arts graduation requirement
Adobe Animate and Photoshop industry certification opportunity
This is an Honors course.
Prerequisite: Web Design I
Dreamweaver Web Development Application; Adobe Animate; Web Site promotion, and multimedia applications

Courses that earn Honors points:
Digital Design
Technology Support Services 1, 2
Web Design 1, 2
Java Programming Essentials

Courses that satisfy the one year Fine Arts graduation requirement:
Digital Information Technology
Digital Design 1, 2
Web Design 1, 2

Industry Certifications/Courses:
Microsoft Office Specialist (MOS)
Customer Service Representative
Digital Information Technology
Adobe Photoshop
Digital Design
Web Design 1
Adobe InDesign
Digital Design 1
Adobe Illustrator
Digital Design 2
Adobe Dreamweaver
Web Design 1, 2
Adobe Animate
Web Design 2
Microsoft Technology Associate
Technology Support Services 2
Web Design 1, 2

Suggested Computer Science Course Flow:
9th grade - DIT or Fundamentals of Web Design
10th grade – Java Programming Essentials
11th grade – AP Computer Science A (Java)
12th grade – AP Computer Science Principles