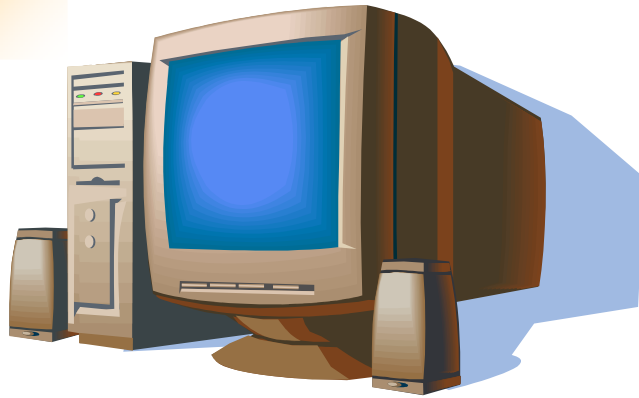


# **Honors Computer Technology**



Virtually every business utilizes computers and state-of-the-art information technology creating countless new career opportunities. Students entering Computer Technology are prepared to enter a field where there is a tremendous workforce demand. AP Computer Technology II students have the opportunity to take the AP Computer Science A examination.

## **Major Units of Study**

- Study program languages that include QBasic, Visual Basic.Net, HTML, Visual C++, and JAVA.
- Learn file management, structured programming, and file access techniques.
- Webpage design
- Programming logic
- Utilize software packages such as Windows, Dreamweaver and Flash.

- \* Computer Technology I– Honors
- \* Computer Technology II– AP

## **Related Careers**

- Computer Operator
- Data Entry Operator
- Computer Programmer
- Computer Scientist
- Computer Engineer
- Software Engineer
- Systems Analyst

## **Post-Secondary**

- Articulation with Carroll County Community College (12 college credits)
- Colleges
- Technical Schools
- Military

## COMPLETER: *Computer Technology* CREDITS: 6

- Guideline for Course Selections
- Refer to Graduation Requirements in the Program of Studies for specific course requirements in each content area

Grade →	9	10	11	12
Exact scheduling depends on student's plan and school's master schedule.	English 9 (1)	English 10 (1)	English 11 (1)	English 12 (1)
	US Government (1)	US History (1)	World History (1)	
	Conceptual Physics (1)	Chemistry (1)	Biology (1)	
	Algebra I / Data Analysis (1)	Intermediate Algebra / Data Analysis (1)	Geometry (1)	Algebra II / Data Analysis (1)
	PE (.5) / Health (.5)		PE (.5) / Financial Literacy (.5)	
	Fine Arts (1)	Foundations of Technology (1)		
	World Language (1)	World Language (1)		
<b>Completer Program Requirements</b>			Honors Computer Technology I (3)	AP Computer Technology II (3)
<b>Career Specific Electives</b> (may be taken any year offered after prerequisites have been satisfied)	Graphic Communications (1), Script Writing and Video Production (1), Business Communications & Keyboarding (1), Financial Management Using Software Applications (1), Math Elective Beyond Alg. II/Data Analysis (.5-1), Accounting I, II (1-2), Business Law (1), Business Principles & Practices (1), AP Prob. & Statistics (1), Work-Based Learning Experience (.5-1)			
8 credits possible per year				
<b>Value Added: From: Program:</b>	Up to 12 Articulated credits Carroll Community College Computer Information Systems		10 Articulated credits Community College of Baltimore County, Catonsville, Essex, or Dundalk Information Technology	
<b>End of Program Test: Industry: Taken:</b>	Advanced Placement Computer Science A Exam College Board Spring after AP Computer Technology II			

### ADA STATEMENT

The Board of Education of Carroll County does not discriminate on the basis of disability in employment or provision of services, programs or activities. Information concerning the Americans with Disabilities Act is available from the Director of Facilities, 410-751-3177. Persons needing auxiliary aids and services for communication should contact the Office of Community and Media Relations at 410-751-3020 or publicinfo@carrollk12.org, or write to Carroll County Public Schools, 125 North Court Street, Westminster, Maryland 21157. Persons who are deaf, hard of hearing, or have a speech disability, use Relay or 7-1-1. Please contact the school system at least one (1) week in advance of the date the special accommodation is needed.