



Drafting gives students the opportunity to learn the proper use of drafting instruments, techniques, and the related theory necessary to prepare for involvement in drafting and related fields of employment.

Drafters prepare detailed drawings based on rough sketches, specifications, and calculations made by scientists, engineers, architects, and designers.

Major Units of Study

- Architectural—Study of Residential Construction
- Civil—Study of Land Survey Construction
- Computer Aided Drafting
- Mechanical - Study of Technical Construction

Related Careers

- Architect
- Cartography
- Construction Consultant
- Drafter
- Project Manager
- Self-employment

Post-Secondary

- Articulation with Carroll Community College (6 college credits for qualified students)
- Colleges
- Military Services
- Technical Schools



Visit the Carroll County Career and Technology Center website:
<http://www.carrollk12.org/etc/>

COMPLETER: *Drafting*

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)		
	Freshman Seminar (.5)			
Completer Program Requirements			Drafting I (3)	Drafting II (3)
Career Specific Electives (may be taken any year offered after prerequisites have been satisfied)	Technical Drawing & CADD (1), Math Elective beyond Alg./DA – Course 3 (.5-1), Electronics (1), Graphic Communications (1), Alg. II/DA (1), Honors Commercial Art (.5), Honors Calculus, AP Calculus AB, AP Calculus BC (1), Art II: 2 & 3 D Art (.5-1), Work-Based Learning Experience (.5-1)			
8 credits possible per year				
Value Added: From: Program:	3 Articulated Credits Carroll Community College Computer Aided Design		6 Articulated Credits Community College of Baltimore County, Catonsville Computer Aided Drafting and Design	