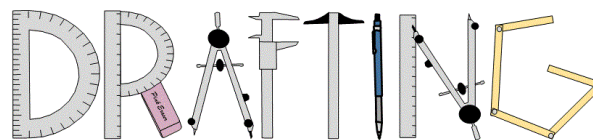




CCCTC WEBSITE PREVIEW



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.

COLLEGE CREDITS:

Earn articulated college credits through:

- Carroll Community College
- Penn College of Technology
- The Community College of Baltimore County
- Frederick Community College.

MAJOR UNITS OF STUDY:

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

Level 1 Course Outcomes:

- Identify and use drafting tools
- Apply and interpret scale
- Define and use plotters and printers
- Compose technical drawings using a variety of techniques
- Compose an architectural floor plan
- Create a portfolio
- Use AutoCAD to compose drawings

Level 2 Course Outcomes:

- Compose an Architectural Package: floor plan, foundation plan, section and elevations
- Calculate basic structural design for residential structure
- Draw details for kitchen and bathroom
- Design a staircase
- Understand house framing
- Design according to building code
- Compose civil site plan
- Reduce civil field notes
- Use advance AutoCAD commands to compose drawings



SCHEDULE:

Drafting I (3 credits) Spring of junior year
Drafting II (3 Credits) Fall of senior year

Want to know more? Check out our website at:

www.carrollk12.org/ctc

[Watch Program Video](#)

[View Pictures](#)

"Meet the Instructor"

College & Career Opportunities