

# North Cobb High School Drafting

## Georgia DOE and CEFGA Industry Certified AD&D Program

### **I. Goal**

To produce presentations of your ideas.

### **II. Pathway Name**

1. Architecture Drawing and Design (AD D)
2. Engineering Drawing and Design (ED&D)

These two Career Cluster Pathways offered at North Cobb are also referred to as Drafting.

### **III. Pathway Description**

You will understand and demonstrate how drafting connects to everything. Training provided in the Architectural Drawing and Design takes you through a process for building design, reading building drawings, and presenting those ideas. For Engineering Drawing and Design, the process of designing manufactured parts, reading working drawings, and presenting those ideas is understood. Demonstration of drafting knowledge and skills attained will reflect the goal of presenting the idea effectively to an audience. The Introduction to Engineering Drawing and Design is the foundational class for both pathways. Successful completion of three sequential classes of a pathway is known as a pathway completer. A pathway completer will take an End of Pathway Assessment (Revit or Inventor User Certification) and be eligible to wear a CTAE graduation cord and have a pathway completer seal upon your diploma.

### **IV. Standards**

Standards for Engineering Drawing and Design, Architecture 1 and 2, Survey of Engineering Graphics, and 3D Modeling and Analysis can be found on the Georgia Department of Education website [www.gadoe.org](http://www.gadoe.org) and searching for the references to Career Clusters/Pathways.

### **V. Co-Curricular Activities**

SkillsUSA is a co-curricular part of career and technical education, aimed to impacting you as America's future workforce through the development of personal, workplace, and technical skills (Framework) that are grounded in academics. SkillsUSA will be integrated in the drafting classes. You are highly encouraged to join and be an active part of this internationally recognized club. For more info go to [www.skillsusa.org](http://www.skillsusa.org) and [skillusageorgia.org](http://skillusageorgia.org)

### **VI. Required Materials**

1. Notebook for all handouts and graded work. A pathway completer will have a required portfolio comprised of your work samples.
2. Thumb drive/external storage device and/or other online storage service.

### **VII. Class Rules**

1. No food or drink at workstation.
2. Properly use tools, equipment, and consumables safely.
3. Ask three before me.

### **VIII. Grading**

Assessment will be subjective or objective.

50% Instruction

35% Projects

15% Final

### **IX. Missed Work**

Assignments and resources will be made available on Schoology. You will be responsible for missed work when absent. Alternate assignments and penalties, such as some point deduction for missed due dates will be the discretion of Mr. Barcarse.

### **X. Contact Information**

Mr. Barcarse, Room 804 (Drafting)

3400 Old Hwy 41, North

Kennesaw, GA 30144

[michael.barcarse@cobbk12.org](mailto:michael.barcarse@cobbk12.org)

770-975-6685 ext. 804

Open lab and extra help 3:30 – 4:30, Monday – Thursday by appointment.