

## **Proposed CNC Program at Columbus State University (Never Launched)**

### **MECH 1150 Manufacturing Materials & Processes (A)**

1 credit

This is a course that will acquaint the technician with the nature, properties, performance, characteristics, manufacturing processes, and practical uses of various engineering materials. Materials such as ferrous and nonferrous metals as well as polymers, ceramics, and composites will be covered. Both primary and secondary processes will be covered.

### **MECH 1240 Machine Tools (A)**

1 credit

This course features hands-on operation of mills, lathes, and grinders in addition to instruction in safety practices and related theory needed for operating these machines. Additional instruction will be given on cutting tool materials and geometry, feeds and speeds, and associated bench practices.

### **ENGT 1115 Engineering Graphics (A)**

1 credit

This course covers basic blueprint reading, sketching, drafting, and beginning AutoCAD. It is the prerequisite to MECH 1145 (2D CAD).

### **COLS 1101 College Success Skills**

1 credit

College Success Skills' students will develop the skills and resources necessary to be successful in personal, academic and career-related pursuits. The course expands upon the orientation to college resources, policies, and processes.

### **EET 2994 Measurement (D)**

2 credits

Classes will take place in person (Location to be determined)

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