The Computer-Integrated Machining with an emphasis in Tool, Die, and Mold Making Program at CCCC includes modern shop spaces equipped with state-of-the-art machinery. Students learn basic machining skills and introductory computer numerical control (CNC). Early in the program students learn the fundamentals and theory of machining, tool, die and mold making. Later the instructional program emphasizes both the building of production tools and the operation of automated equipment. Throughout the program students utilize computer-aided drafting and manufacturing practices. Related course work includes blueprint reading, mathematics, computer-aided drafting and quality assurance theory.

### POSSIBLE JOB TITLES:
- Machinist
- Tool and Die Maker
- CNC Programmer
- CNC Operator

### MEDIAN SALARY:
- $43,160 annually (Machinist);
- $51,060 annually (Tool and Die Maker)

### SKILLS/APTITUDES NEEDED FOR PROGRAM:
- Basic Math Skills
- Detail Oriented
- Mechanical Ability

### BUREAU OF LABOR STATISTICS CLUSTER WEBSITE:
www.bls.gov/ooh/production/home.htm
## DEGREE(S)

Associate in Applied Science in Computer-Integrated Machining with an emphasis in Tool, Die, and Mold Making (A50210; Lee Main Campus - Day) – Six semesters (summers included)

## DIPLOMA(S)

Diploma in Computer-Integrated Machining with an emphasis in Tool, Die, and Mold Making (D50210; LMC - Day/Evening, HMC - Day/Evening) – Three semesters (summer included)

## CERTIFICATE(S)

Certificate in Computer-Integrated Machining with an emphasis in Tool, Die, and Mold Making (C50210; LMC - Day/Evening, HMC - Day/Evening) – Two semesters

## TRANSFER OPTIONS

Yes – East Carolina University, Western Carolina, and North Carolina A&T (Contact the program lead below to discuss transfer options further.)

## ADDITIONAL COSTS OF PROGRAM

None

## STATE LICENSURE/EXAMS/INDUSTRY CERTIFICATIONS

NIMS (National Incident Management System)

## ADDITIONAL ADMISSIONS PROCESS

None

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**CONTACTS**

Edwin Thomas, Department Chair, Machining/Tool and Die:

(919) 718-7261 or ethomas@cccc.edu