



**Basic Computer-Integrated Machining** is designed to develop fundamental skills in the operation of machine tools including drilling, turning, milling, and grinding. Training in basic measuring, layout, and blueprint reading is also provided. Students will be prepared for employment as entry-level machine operators or machinist apprentices. Credit obtained in these courses may be transferred directly into the Machining Technology associate degree curriculum.

SEMESTER (16 WKS)	COURSE	NAME	FTCC Credit	High School Credit
Fall/Spring Year 1	MAC 111	Machining Technology I	6	2 S
	MAC 131	Blueprint Reading/Mach 1	2	1 S
	MAC 151	Machining Calculations	2	1 S

Students must take MAC 112 concurrently to complete the Basic Computer-Integrated Machining Certificate.



# COMPUTER-INTEGRATED MACHINING BASIC

## High School Connections

High School Connections (HSC) is a partnership between local high schools and Fayetteville Technical Community College that provides seamless dual enrollment educational opportunities for high school students in order to accelerate completion of college certificates, diplomas, and associate degrees that lead to college transfer or provide entry-level job skills.

### HERE'S WHAT YOU NEED TO KNOW

- **Offered:** College Transfer (CT) or Career and Technical Education (CTE) courses. Most CTE programs will lead to a community college certificate.
- **Required:**
  - High School juniors and seniors ONLY
  - Unweighted GPA of 2.8 on High School Courses
    - OR Testing pre-requisites (i.e. PSAT, SAT, PACT, ACT, etc)
    - OR a waiver letter from the high school (for CTE's without UGETC courses only)
- **Schedule:** Most classes will run 1:00-3:00 Monday – Friday and will follow the Cumberland County Schools schedule for holidays
- **Transportation:** Cumberland County Schools will offer transportation to FTCC from most of their comprehensive high schools. See your counselor for details.
- **Cost:** Tuition is waived. Students pay textbook/supply cost (uniforms and special equipment)
- **Graduation:** CTE certificate completers will graduate from FTCC in May of each year.
- **More info:** A complete listing of HSC offerings can be found on our website at:

<http://www.faytechcc.edu/academics/high-school-connections>

**TO FIND OUT HOW YOU CAN REGISTER FOR HIGH SCHOOL CONNECTIONS CLASSES, SEE YOUR HIGH SCHOOL COUNSELOR TODAY!**