



# COMPUTER-INTEGRATED MACHINING/ BASIC COMPUTER- INTEGRATED MACHINING C50210H1



**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
Fall	MAC 111AB	Machining Technology I	3
	MAC 131	Blueprint Reading/Mach I	2
Spring	MAC 111BB	Machining Technology I	3
	MAC 151	Machining Calculations	2
	MAC 112AB	Machining Technology II	3
Spring	MAC 112BB	Machining Technology II	3



For more information, scan the code or visit our website:

[www.faytechcc.edu/academics/high-school-connections/](http://www.faytechcc.edu/academics/high-school-connections/)

## 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 Pathway (CTP) 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 or higher on High School Courses
- OR
- Testing pre-requisites (i.e. PSAT, SAT, PACT, ACT, etc)
  - Waiver letter from high school may allow entry into certain programs
- High School freshman and sophomores
  - AIG in both Reading and Math
- OR
- Qualifying aptitude test scores
- AND
- Qualifying test scores (i.e. PSAT, SAT, PACT, ACT, etc.)
- School recommendation
  - Limited availability for CTE courses available for freshman and sophomores.
- **Schedule:** Most classes will run 1:00-3:00 Monday – Friday and will follow the Cumberland County Schools schedule for holidays. Classes with labs and/or clinicals may run outside of traditional school hours.
- **Transportation:** Cumberland County Schools will offer transportation to FTCC from most of their comprehensive high schools. Transportation follows the CCS traditional school calendar. Classes with labs and/or clinicals as well as concurrent sections may require student to provide their own transportation. 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!**