

Admission Information Dual Enrollment/Huskins Classes

The New Hanover County Board of Education and the Pender County Board of Education encourage their students to participate in academic opportunities to enhance the students' educational goals. Cape Fear Community College, in cooperation with the New Hanover and Pender County Boards of Education, offer high school students college course scheduling opportunities. High school students from other surrounding counties as well as home school students may enroll for Dual Enrollment. Eligible students may enroll in CFCC courses under the following guidelines.

1. The student must be at least 16 years of age at the time of enrollment, and enrollment action must be initiated by the public school or home school administrator in which the student is enrolled.
2. The individual student's courses must be approved by the principal of the high school or home school administrator and the Admissions Office of Cape Fear Community College.
3. The student must be taking at least three non-block schedule or two block schedule courses at his/her high school and must be making satisfactory progress toward graduation as determined by his/her high school principal.
4. A student who wishes to enroll in curriculum classes must demonstrate the academic skills necessary to perform at the college level. Students are required to take the ASSET test and meet established minimum requirements.

Tuition is waived for the student enrolling in curriculum programs only; however, student fees and books are the responsibility of the student.

Stop by the CFCC Admissions Office to pick up an application packet and a test schedule, or call (910) 362-7016, 362-7043, or 362-7045 for more information. Students must meet the admissions requirements as stated above before registering.



**CFCC's R.O.V. (remotely operated vehicle)
Designed by the Mechanical Engineering program
and built by the Machining Technology program.**



**Cape Fear
Community College**

411 NORTH FRONT STREET
WILMINGTON, NORTH CAROLINA 28401-3993
(910) 362-7100
<http://cfcc.net>

EQUAL OPPORTUNITY COLLEGE

TAKE A HUSKINS CLASS

Machining Technology

METALWORKING PROCESS



- Hands-on Labs
- Friendly Instructors
- State-of-the-art Equipment
- No Minimum ASSET Test Score
- No Prerequisites



Cape Fear
COMMUNITY COLLEGE

Machining Technology

Metal Working Classes

HUSKINS/DUAL ENROLLMENT

The *Huskins/Dual Enrollment* metalworking classes at CFCC will introduce students to standard practices found in the metalworking industry. Students learn, through hands-on labs, to manufacture items using a variety of modern machine tools. These tools range from conventional machines such as, manual milling machines, lathes, and drill presses to CNC (Computer Numerical Controlled) machines with the use of CAD/CAM (Computer Aided Design/Computer Aided Manufacturing) software. In addition, students learn how to use precision measuring tools and solve manufacturing problems with the skills they have learned throughout the classes.

Facilities

The Machining Technology classes are taught in CFCC's modern machine shop. The shop is equipped with thirty (30) conventional machine tools, five (5) CNC machines, four (4) CNC simulators and a full compliment of precision hand tools. In addition, CFCC's new twenty-one (21) seat state-of-the-art "Computer Aided Design/Computer Aided Manufacturing" (CAD/CAM) Lab was opened January 2002



Classes Offered

		Semester Hour Credits
MEC 110	Introduction to CAD/CAM	2
MEC 131	Metalworking Processes	3

Sequence of Classes

FALL SEMESTER	SPRING SEMESTER
MEC 110	MEC 110
MEC 131	MEC 131



MEC 110 - Introduction to CAD/CAM

This course introduces Computer Aided Design/Computer Aided Manufacturing. Emphasis is placed on transferring part geometry from CAD to CAM for the development of a CNC-ready program. Upon completion, students should be able to use CAD/CAM software to produce a CNC program.

MEC 131 - Metalworking Processes

This course introduces the standard practices that are found in a metal workshop. Topics include the proper care/use of basic hand tools and precision measuring instruments and layout procedures/operation of lathes, drill presses, grinders, milling machines, and power saws. Upon completion, students should be able to work safely in the metal workshop and use basic metalworking equipment.



Enroll in Classes Today!

Have *fun* learning how parts are designed and manufactured in today's metalworking industry.

For more information please contact one of the following instructors:

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