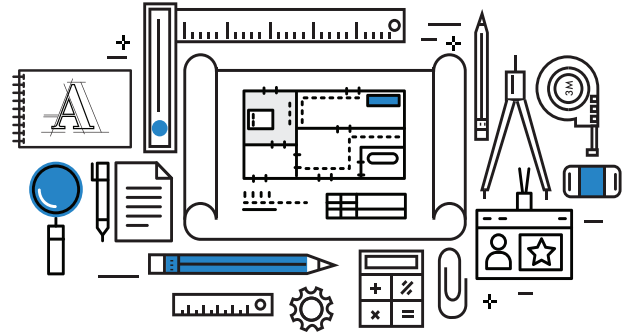


# CAREER TECHNICAL EDUCATION PATHWAY: Applied Engineering (Drafting) (C40130D)

## Career & College Promise (CCP)

CCP provides opportunities for eligible NC high school students to take tuition-free college courses for dual credit (some students may have to pay for textbooks and materials). Taking CCP courses accelerates completion of college certificates, diplomas, applied associate degrees that provide entry-level job skills, and associate degrees that lead to transfer within the UNC System of 4-year colleges and universities and many private institutions.



## Applied Engineering (Drafting) Pathway

### Eligibility Requirements

- High School Junior or Senior
- Unweighted GPA of 2.8 or higher **OR** demonstrate college readiness in English, reading and math on approved assessments.
- If GPA is below 2.8, principles/designees can waive the GPA and provide rationale why GPA was waived.

## General Admission Requirements

- College CCP Admissions Application
- High School Transcript
- Registration and Verification Form



## About the Applied Engineering Pathway (Drafting):

This pathway is a set of courses that students can take to earn a certificate toward the Associate of Applied Science Applied Engineering Degree. These courses prepare students to use basic engineering principles and technical skills to solve technical problems in various types of industry.

### You will learn:

- Engineering Graphics
- Materials & Manufacturing Processes
- Process Design of Engineering Parts

## Possible Job Titles:

- CAD (Computer Assisted Design) Drafter
- Design Drafter/Estimator
- Manufacturing Technician

## Possible Employment Opportunities:

- Manufacturing companies
- State/local government agencies
- Construction or construction-related industry

**Median Annual Wage for  
NC Mechanical Drafters \$51,910**

NCCareers.org

Applied Engineering (Drafting) Certificate			
Title	Class	Lab	Credit
DFT 119 Basic CAD	1	2	2
DFT 152 CAD II (Pre-req DFT 119)	2	3	3
DFT 154 Intro to Solid Modeling	2	3	3
ISC 132 Manufacturing Quality Control	2	3	3
MAC 118 Machine Shop Basic	1	3	2
<b>Total Semester Credit Hours:</b>			<b>13</b>

For more information, contact: **Trish Holsten, Secondary Partnerships Director**  
(252) 246-1250 • pholsten@wilsoncc.edu  
www.wilsoncc.edu/ccp

wilsoncc.edu | (252) 291-1195 | 902 Herring Avenue, P.O. Box 4305 Wilson, NC 27893

# CONNECTING HIGH SCHOOL, COLLEGE, AND CAREER

