



2021-2022 Completion Guide
Computer Numerical Control CCO TE 285 Program
ICCB Approved Total Program Hours: 16

| | |
|-----------------------|--|
| Date: | <i>The following schedule is based on full-time enrollment. Students planning to transfer to a senior institution should check with that institution for specific transfer requirements.</i> |
| Program Prerequisites | |

T= Traditional H = Hybrid W = Web

| First Semester | | | | | | |
|-----------------------|---------------------------------------|--------------|------------------|------------------------------------|---------------|-------|
| Course | Title | Credit Hours | Mode of Delivery | Prerequisites | Terms offered | Notes |
| MFG 101 | Precision Machine Tool Technology I | 4 | T | | FL, SP | |
| CADD 101 | 2D Computer Aided Design & Drafting I | 3 | T | MATH 095 or consent of department. | FL, SP | |
| | Total Semester Hours: | 7 | | | | |

| Second Semester | | | | | | |
|------------------------|----------------------------|--------------|------------------|---------------------|---------------|-------|
| Course | Title | Credit Hours | Mode of Delivery | Prerequisites | Terms offered | Notes |
| MFG 111 | Numerical Control | 3 | T | MFG 101 | FL, SP | |
| MFG 112 | Advanced Numerical Control | 3 | T | MFG 111 or CADD 101 | FL, SP | |
| | Total Semester Hours: | 6 | | | | |

| Third Semester | | | | | | |
|-----------------------|----------------------------------|--------------|------------------|---------------|---------------|-------|
| Course | Title | Credit Hours | Mode of Delivery | Prerequisites | Terms offered | Notes |
| MFG 113 | CNC Machine Set-Up and Operation | 3 | T | MFG 112 | FL, SP | |
| | Total Semester Hours: | 3 | | | | |

To be awarded a Certificate of Achievement or Certificate of Completion at JJC, each student must meet the following requirements:

1. Satisfy all admission requirements.
2. Complete the courses required to earn the chosen certificate. Complete a minimum of 4-29 credit hours (Certificate of Completion) or 30-50 credit hours (Certificate of Achievement). If the student is a transfer student with coursework taken elsewhere, he/she must complete a minimum of 25% of the total required credit hours applicable to the certificate at JJC. Proficiency test, CLEP, and Advanced Placement do not meet this requirement.
3. Earn a cumulative grade point average of at least 2.0 in the area of concentration.
4. Discharge all financial obligations to the college and have no restrictions.
5. File an application for graduation. An application should be filed at the time of registration for the student's anticipated last semester.
6. Have all official transcripts from other college/universities on file in the Graduation Office by the graduation filing date for evaluation of credit. A delay in the process may result in a later graduation date.

| For more information: | Department Chairperson | Program Coordinator | Program Advisor |
|-----------------------|--------------------------|--------------------------|--------------------------|
| | Name: Jeff Bradford | Name: Dave Szumowski | Name: Dave Szumowski |
| | E-mail: jbradfor@jjc.edu | E-mail: dszumows@jjc.edu | E-mail: dszumows@jjc.edu |
| | Phone: 815-280-2403 | Phone: 815-280-2204 | Phone: 815-280-2204 |