



2022-2023 Completion Guide
Computer Aided Design and Drafting, C.A.C., TE059
ICCB Approved Total Program Hours: 38

Date: September 1, 2019

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.

Program Prerequisites

T= Traditional H = Hybrid W = Web

First Semester

| Course | Title | Credit Hours | Mode of Delivery | Prerequisites | Terms offered | Notes |
|----------------------|---|--------------|------------------|------------------------------------|---------------|-------|
| CIS 126 | Microsoft Office | 3 | T W | | ALL | |
| EGR 101 | Engineering Graphical Communications | 4 | T | MATH 095 or equivalent. | FL | |
| CADD 101 | 2D Computer Aided Design and Drafting I | 3 | T | MATH 095 or consent of department. | ALL | |
| Total Semester Hours | | 13 | | | | |

Second Semester

| Course | Title | Credit Hours | Mode of Delivery | Prerequisites | Terms offered | Notes |
|----------------------|--|--------------|------------------|---|---------------|-------|
| CADD 110 | 2D Computer Aided Design and Drafting II | 3 | T | CADD 101, plane geometry or consent of department | ALL | |
| EGR 102 | Rhetoric | 4 | T | EGR 101 | SP | |
| MGMT 102 | Human Relations | 3 | T | | ALL | |
| Total Semester Hours | | 10 | | | | |

Third Semester

| Course | Title | Credit Hours | Mode of Delivery | Prerequisites | Terms offered | Notes |
|----------------------|---|--------------|------------------|---|---------------|-------|
| CADD 250 | CREO Parametric 3D Solid Modeling | 3 | T | CADD 101 and CADD 120 with a minimum grade of C or consent of department. | FL | |
| CADD 220 | Customizing AutoCAD | 3 | T | CADD 120 or CADD 101 and any programming language or consent of department. | FL | |
| CADD 120 | 3D Computer Aided Design and Drafting I | 3 | T | CADD 101, CADD 110, AND EGR 101 or consent of department. | ALL | |
| Total Semester Hours | | 9 | | | | |

Fourth Semester

| Course | Title | Credit Hours | Mode of Delivery | Prerequisites | Terms offered | Notes |
|----------------------|---|--------------|------------------|--|---------------|-------|
| CADD 270 | Solidworks --- Parametric 3D Solid Modeling | 3 | T | CADD 101 or an experienced drafter, designer, or engineer. | FL & SM | |
| CADD 230 | CADD Process Management | 3 | T | CADD 220 or consent of department. | SP | |
| Total Semester Hours | | 6 | | | | |

Graduation Requirements

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.

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| For more information: | Department Chairperson | Program Coordinator | Program Advisor |
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