|  |  |
| --- | --- |
| JJC Logo Primary_black.jpg | **2020-2021 Completion Guide**  **Computer Aided Design and Drafting, C.A.C., TE059**  **ICCB Approved Total Program Hours: 38** |
| Date: September 1, 2020 | *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 |  |
| ENG 130 | Technical Writing and Communication | 3 | T | Appropriate placement into ENG 101 or minimum grade of “C” in one of the following: ENG 021 and ENG 099 or the EAP course sequence ENG 079 and ENG 089, or ENG 096. | 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 260 | Autodesk Inventor Pro – 3D Solid Modeling | 3 | T | CADD 101, CADD 120, and EGR 101 or consent of department. | FL | Pending curriculum update |
| 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, CADD 120, and EGR 101 or consent of department. | 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 an Associate degree at Joliet Junior College, each student must meet the following requirements:

1. Satisfy all admission requirements.

2. Complete the courses required to earn the chosen degree. If the student is a transfer student with coursework taken elsewhere, he/she must complete a minimum of 60 credit hours of which the last 15 credit hours applicable to the degree are earned at Joliet Junior College. If the student has not taken the last 15 hours at JJC, then a total of 30 credit hours applicable to the degree must be earned at Joliet Junior college. Proficiency test, CLEP and Advanced Placement do not meet this requirement.

3. Earn a cumulative grade point average of at least 2.0.

4. Discharge all financial obligations to the college; have no restrictions.

5. File an application for graduation (An application should be filed at the time of registration for student’s anticipated last semester).

6. Have on file in the Graduation office by the graduation filing date all transcripts from other colleges/universities that are to be evaluated for credit, to be applied toward a degree. 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: Scott Boudreau | Name: Scott Boudreau |
| E-mail: jbradford@jjc.edu | E-mail: sboudrea@jjc.edu | E-mail: sboudrea@jjc.edu |
| Phone: 815.280.2403 | Phone: 815.280.2410 | Phone: 815.280.2410 |