|  |  |
| --- | --- |
| JJC Logo Primary_black.jpg | **2020-2021 Completion Guide****Industrial Maintenance Technology, A.A.S., TE210****ICCB Approved Total Program Hours: 67** |
| 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 |
| IMT 101 | Industrial Maintenance Fundamentals | 3 | T |  | Fall/Spring |  |
| EEAS 101 | Basic Wiring and Circuit Design | 4 | T |  | Fall/Spring |  |
| ENG 101 | Rhetoric | 3 | T, H, W | Placement score | All |  |
| TMAT 107 | Technical Mathematics 1 | 3 | T | Placement testing into MATH.094 or minimum grade of C in MATH.090. - Must be completed prior to taking this course. | Fall/Spring | Limited Classes offered. Student may take a higher-level course. |
| IMT 111 | Mechanical Power Transmission | 3 | T |  | Fall |  |
|  | Total Semester Hours | 16 |  |  |  |  |

|  |
| --- |
| **Second Semester** |
| Course | Title | Credit Hours | Mode of Delivery | Prerequisites | Terms offered | Notes |
| EEAS 111 | Industrial Controls 1 | 4 | T |  | Fall/Spring |  |
| IMT 112  | Rotating Equipment | 3 | T |  | Spring |  |
| ENG 102 | Rhetoric | 3 | T, H, W | ENG 101, minimum grade C - Must be completed prior to taking this course. | All |  |
| TMAT 108 | Technical Mathematics 2 | 3 | T | Appropriate placement score or minimum grade of C in MATH.094 or MATH.107. - Must be completed prior to taking this course. | Fall/Spring | Limited Classes offered. Student may take a higher-level course. |
| Major Core Elective | Any EEAS, MFG, HVAC, WLDG course. 3 credit hours may be CADD.  | 3 | T |  |  |  |
|  | Total Semester Hours | 16 |  |  |  |  |

|  |
| --- |
| **Third Semester** |
| Course | Title | Credit Hours | Mode of Delivery | Prerequisites | Terms offered | Notes |
| EEAS 113 | Industrial Controls 2 | 4 | T | EEAS 111 - Must be completed prior to taking this course. | Fall/Spring |  |
| IMT 122 | Industrial Piping Systems | 3 | T |  | Fall |  |
| MFG 101 | Precision Machine Tool Technology 1 | 4 | T |  | Fall/Spring |  |
| Major Core Elective | Any EEAS, MFG, HVAC, WLDG course. 3 credit hours may be CADD.  | 3 | T |  |  |  |
| Major Core Elective | Any EEAS, MFG, HVAC, WLDG course. 3 credit hours may be CADD.  | 3 | T |  |  |  |
|  | Total Semester Hours | 17 |  |  |  |  |

|  |
| --- |
| **Fourth Semester** |
| Course | Title | Credit Hours | Mode of Delivery | Prerequisites | Terms offered | Notes |
| IMT 121 | Industrial Fluid Power | 3 | T | N/A | Fall/Spring |  |
| Group II | Social and Behavioral Sciences | 3 | T, H, W |  | All |  |
| IMT 123 | Maintenance Management | 3 | T | N/A | Spring |  |
| MFG 115 | Blueprint Reading for Manufacturing and Welding | 3 | T |  | Fall/Spring |  |
| Major Core Elective | Any EEAS, MFG, HVAC, WLDG course. 3 credit hours may be CADD.  | 3 | T |  |  |  |
| Major Core Elective | Any EEAS, MFG, HVAC, WLDG course. 3 credit hours may be CADD.  | 3 | T |  |  |  |
|  | Total Semester Hours | 18 |  |  |  |  |

**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 given degree. If the student is a transfer student with coursework taken elsewhere, he/she must complete a minimum of 15 credit hours applicable to the degree at JJC. Proficiency test, CLEP and Advanced Placement does 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 the student’s anticipated last semester.)

6. Have all official transcripts from other colleges/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: Paul Cave | Name: Paul Cave |
| E-mail: jbradford@jjc.edu | E-mail: pcave@jjc.edu | E-mail: pcave@jjc.edu |
| Phone: 815.280.2403 | Phone: 815.280.2725 | Phone: 815.280.2725 |