|  |  |
| --- | --- |
| JJC Logo Primary_black.jpg | **2020-2021 Completion Guide**  **Operations Technician, A.A.S., TE142**  **ICCB Approved Total Program Hours: 64** |
| 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 | *1) Complete an application to the college found at www.jjc.edu/admissions and select one of the following choices*  *a. Operations Engineering, AAS*  *b. Operations Technician, AAS*  *c. Operations Engineering, CAC*  *d. Operations Technician, CAC*  *2) High School transcript or GED on file with the Admissions Office verifying completion.*  *3) Placement into the following courses based on degree type; ENG 101 and Math 138 or higher for OE or ENG 130 and Math 119 for OT.*  *4) All college transcripts (other than JJC) must be evaluated and placed on record prior to submission of your application for the program.*  *5) Schedule an appointment with the OET advisor to review documents and the procedure* |

**T= Traditional H = Hybrid W = Web**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **First Semester** | | | | | | |
| Course | Title | Credit Hours | Mode of Delivery | Prerequisites | Terms offered | Notes |
| EEAS 101 | Basic Wiring and Circuit Design | 4 | T |  | Fall | This course is a closed course and for students in the OET Program only |
| ENG 101 | Rhetoric | 3 | T, H, W | Placement score | All | ENG 130 may be used |
| MATH 119 | Mathematics for Technical Students | 5 | T | Appropriate placement score or minimum grade “C” in MATH 095 and MATH 098 or equivalent. | All |  |
| OET 101 | Intro to Industrial Plant | 4 | T | Consent of the Department. The student must be admitted into the OET Program and be pursuing one of its degrees or certificates. | Fall | This course is a closed course and for students in the OET Program only |
|  | Total Semester Hours | 16 |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Second Semester** | | | | | | |
| Course | Title | Credit Hours | Mode of Delivery | Prerequisites | Terms offered | Notes |
| PHYS 103 | Technical Physics | 4 | T | Placement into ENG 101 or minimum grade of “C” in ENG 021 and ENG 099; or ENG 022 and ENG 099; or the EAP course sequence ENG 079 and ENG 089; or ENG 096 and placement into MATH 098, or minimum grade “C” in MATH 094. Recommended: TMAT 107 (previously MATH 107) or TMAT 108 (previously MATH 108). | All |  |
| Group II | Social and Behavioral Sciences | 3 | T, H, W |  | All |  |
| EEAS 111 | Industrial Controls I | 4 | T |  | Spring | This course is a closed course and for students in the OET Program only |
| IMT 101 | Industrial Maintenance Fundamentals | 3 | T |  | Spring | This course is a closed course and for students in the OET Program only |
| OET 291 | Operations Career Development | 1 | T | OET 295 or consent of Department. | Spring | This course is a closed course and for students in the OET Program only |
|  | Total Semester Hours | 15 |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Summer Semester** | | | | | | |
| Course | Title | Credit Hours | Mode of Delivery | Prerequisites | Terms offered | Notes |
| Internship 295 | OET Internship | 5 | T |  | Summer | This course is a closed course and for students in the OET Program only |
|  | Total Semester Hours | 5 |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Third Semester** | | | | | | |
| Course | Title | Credit Hours | Mode of Delivery | Prerequisites | Terms offered | Notes |
| EEAS 113 | Industrial Controls II | 4 | T | Minimum grade “C” in EEAS 111 | Fall | This course is a closed course and for students in the OET Program only |
| IMT 111 | Mechanical Power Transmission | 3 | T |  | Fall | This course is a closed course and for students in the OET Program only |
| IMT 121 | Rotating Equipment | 3 | T |  | Fall | This course is a closed course and for students in the OET Program only |
| EEAS 115 | Electrical/Electronics Troubleshooting | 4 | T | Minimum grade “C” in EEAS 111 | Fall | This course is a closed course and for students in the OET Program only |
|  | Total Semester Hours | 14 |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Fourth Semester** | | | | | | |
| Course | Title | Credit Hours | Mode of Delivery | Prerequisites | Terms offered | Notes |
| EEAS 221 | Industrial Circuits Basic Programmable Logic Controllers | 4 | T | Minimum grade “C” in EEAS 113 | Spring | This course is a closed course and for students in the OET Program only |
| EEAS 215 | Process Control & Instrumentation | 4 | T | Minimum grade “C” in EEAS 113 | Spring | This course is a closed course and for students in the OET Program only |
| IMT 112 | Rotating Equipment | 3 | T |  | Spring | This course is a closed course and for students in the OET Program only |
| MFG 101 | Precision Machine Tool Technology I | 4 | T |  | Spring | This course is a closed course and for students in the OET Program only |
|  | Total Semester Hours | 15 |  |  |  |  |

**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 |