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| JJC Logo Primary_black.jpg | **2019-2020 Completion Guide**  **Electronics Engineering Technology, A.A.S., TE500**  **ICCB Approved Total Program Hours: 63** |
| 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**

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| **First Semester** | | | | | | |
| Course | Title | Credit Hours | Mode of Delivery | Prerequisites | Terms offered | Notes |
| EET 102 | Electronic Soldering, Circuit Board Rework and Repair | 2 | T | None | FL/SP | Eight week course, 1st eight weeks |
| EET 103 | Project Construction | 2 | T | EET 102 | FL/SP | Eight week course, 2nd eight weeks |
| EET 104 | Soldering/De-soldering Surface Mount Devices | 2 | T | EET 102 | FL/SP | Eight week course, 2nd eight weeks |
| EET 113 | Electrical Circuits | 4 | T | None | FL |  |
| MATH 119 | Math for Technical Students | 5 | T | Appropriate placement score or minimum grade "C" in MATH 095 and MATH 098 or equivalent. | FL/SP | MATH 119 for students seeking only an AAS degree. Students desiring to transfer should select a pre-calculus math class sequence (MATH 138 and MATH 139 or MATH 142). See program advisor. |
|  | Total Semester Hours | 15 |  |  |  |  |

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| **Second Semester** | | | | | | |
| Course | Title | Credit Hours | Mode of Delivery | Prerequisites | Terms offered | Notes |
| EET 114 | Digital Electronics | 4 | T | None | SP |  |
| EET 125 | Solid State Circuitry | 4 | T | EET 113 | SP |  |
| IMT 121  \*Suggested Departmental Elective | Industrial Fluid Power | 3 | T | None | FL/SP | \*OR Departmental Electives can be any course from the following programs: EEAS, HVAC, OPT, PCIT or WLDG |
| ENG 101 | Rhetoric | 3 | T/H/W | Appropriate placement score or minimum grade "C" in one of the following: ENG 021 and ENG 099, ENG 022 and ENG 099 or the EAP course sequence ENG 079 and ENG 089, or ENG 096. | FL/SP/SM |  |
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|  | Total Semester Hours | 14 |  |  |  |  |

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| **Summer Semester** | | | | | | |
| Course | Title | Credit Hours | Mode of Delivery | Prerequisites | Terms offered | Notes |
| EET 211  Suggested Major Core Elective | Wireless Communications | 4 | T | EET 125 | even SM | 8 credits required for Major Core Electives: Chose from EET 106, EET 211, EET 217, EET 224, EET 225 |
| Or EET 217  Suggested Major Core Elective | Industrial Electronics | 4 | T | EET 125 | odd SM |  |
|  |  |  |  |  |  | These classes are offered |
|  |  |  |  |  |  | alternately each summer |
|  |  |  |  |  |  |  |
|  | Total Semester Hours | 4 |  |  |  |  |

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| **Third Semester** | | | | | | |
| Course | Title | Credit Hours | Mode of Delivery | Prerequisites | Terms offered | Notes |
| EET 213 | Power Supplies | 4 | T | EET 125 | FL |  |
| EET 214 | Microcomputer Electronics | 4 | T | EET 114 | FL |  |
| Social and Behavioral Science Elective | Take courses from Groups II:  Social and Behavioral Science Elective | 3 | Varies | Varies | Varies |  |
| CADD 101 | 2D Computer Aided Design and Drafting I | 3 | T | Math 095 or consent of department | FL/SP/SM | Counts as Department Elective |
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|  |  |  |  |  |  |  |
|  | Total Semester Hours | 14 |  |  |  |  |

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| **Fourth Semester** | | | | | | |
| Course | Title | Credit Hours | Mode of Delivery | Prerequisites | Terms offered | Notes |
| EET 215 | Advanced Solid State Circuitry | 4 | T | EET 125 | SP |  |
| EET 223 | Advanced Electrical Circuits | 4 | T | EET 113 and completion of MATH 098 or placement above MATH 098 | SP |  |
| General Education | Take courses from Groups I-V: General Education | 3 | Varies | Varies | Varies |  |
| General Education | Take courses from Groups I-V: General Education | 1 | Varies | Varies | Varies | Depending on the MATH courses taken, this requirement may already be met. |
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|  | Total Semester Hours | 12 |  |  |  |  |

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| **Summer Semester** | | | | | | |
| Course | Title | Credit Hours | Mode of Delivery | Prerequisites | Terms offered | Notes |
| EET 211  Suggested Major Core Elective | Wireless Communications | 4 | T | EET 125 | even SM | 8 credits required for Major Core Electives: Chose from EET 106, EET 211, EET 217, EET 224, EET 225 |
| Or EET 217  Suggested Major Core Elective | Industrial Electronics | 4 | T | EET 125 | odd SM |  |
|  |  |  |  |  |  | These classes are offered |
|  |  |  |  |  |  | alternately each summer |
|  |  |  |  |  |  |  |
|  | Total Semester Hours | 4 |  |  |  |  |

**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 60 credit hours of which 15 credit hours applicable to the degree are earned 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.

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