



**2022-2023 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**

<b>First Semester</b>						
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.
<b>Total Semester Hours</b>		<b>15</b>				

<b>Second Semester</b>						
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:	FL/SP/SM	

				ENG 021 and ENG 099 or the EAP course sequence ENG 079 and ENG 089, or ENG 096.		
	Total Semester Hours	14				

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				

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
	Total Semester Hours	14				

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.
Total Semester Hours		12				

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 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:	<b>Department Chairperson</b>	<b>Program Coordinator</b>	<b>Program Advisor</b>
	Name: Jeff Bradford	Name: Dennis O'Donnell/Cheryl Upshaw	Name: Michael Boehle
	E-mail: <a href="mailto:jbradford@jjc.edu">jbradford@jjc.edu</a>	E-mail: <a href="mailto:Dodonnell@jjc.edu">Dodonnell@jjc.edu</a> / <a href="mailto:cupshaw@jjc.edu">cupshaw@jjc.edu</a>	E-mail: <a href="mailto:mboehle@jjc.edu">mboehle@jjc.edu</a>
	Phone: 815.280.2403	Phone: 815-280-2611 /815-280-2480	Phone: 815-280-2417