



ELECTRICAL CONSTRUCTION TECHNOLOGY Degree Program

Career Curriculum 00ELT 1020
Associate in Applied Science
Minimum Hrs. 68
Major Code: 1.2 460302C

The Electrical Construction Technology program is offered through a partnership with the International Brotherhood of Electrical Workers (IBEW) as part of their Joint Apprenticeship and Training Program. Enrollment is restricted to new and current apprentices.

FIRST YEAR – FALL SEMESTER

Dept. No.	Hrs.	Gr.
MAT 106 Technical Math	4	—
PIW 121 IBEW Professional Inside Wireman I	3	—
PIW 127 Electrician Apprenticeship I	<u>2</u>	—
	9	

FIRST YEAR – SPRING SEMESTER

Dept. No.	Hrs.	Gr.
PIW 122 IBEW Professional Inside Wireman II	4	—
Elective*	<u>3</u>	—
	7	

SECOND YEAR – FALL SEMESTER

Dept. No.	Hrs.	Gr.
PIW 123 IBEW Professional Inside Wireman III	3	—
PIW 128 Electrician Apprenticeship II	<u>2</u>	—
	5	

SECOND YEAR – SPRING SEMESTER

Dept. No.	Hrs.	Gr.
ENG 101 English Composition I OR ENG 113 Professional Technical Writing	3	—
PIW 124 IBEW Professional Inside Wireman IV	<u>4</u>	—
	7	

THIRD YEAR – FALL SEMESTER

Dept. No.	Hrs.	Gr.
PIW 125 IBEW Professional Inside Wireman V	3	—
PIW 129 Electrician Apprenticeship III	<u>2</u>	—
	5	

* Suggested Elective Courses:

HIS 201 United States History 1	3
MAT 120 Elementary Statistics	3
PHY 153 Physics for Electronics	4
PSC 131 American Government	3

THIRD YEAR – SPRING SEMESTER

Dept. No.	Hrs.	Gr.
PIW 126 IBEW Professional Inside Wireman VI	3	—
SPE 115 Speech	<u>2</u>	—
	5	

FOURTH YEAR – FALL SEMESTER

Dept. No.	Hrs.	Gr.
PIW 221 IBEW Professional Inside Wireman VII	3	—
PIW 225 Electrician Apprenticeship IV	<u>2</u>	—
	5	

FOURTH YEAR – SPRING SEMESTER

Dept. No.	Hrs.	Gr.
PIW 222 IBEW Professional Inside Wireman VIII	4	—
PSY 132 General Psychology	<u>3</u>	—
	7	

FIFTH YEAR – FALL SEMESTER

Dept. No.	Hrs.	Gr.
PIW 223 IBEW Professional Inside Wireman IX	3	—
PIW 226 Electrician Apprenticeship V	<u>2</u>	—
	5	

FIFTH YEAR – SPRING SEMESTER

Dept. No.	Hrs.	Gr.
PIW 110 History of the Labor Movement	3	—
PIW 224 IBEW Professional Inside Wireman X	4	—
WEL 1270 (Rend Lake)	<u>4</u>	—
	11	

The minimum general education component for the Associate in Applied Science degree requires satisfactory completion of at least 15 semester credits of coursework distributed over the disciplines of Communications, Mathematics, Arts and Humanities, Physical and Life Sciences, and Social and Behavioral Sciences. The curriculum guide for each Associate in Applied Science degree program will spell out the course requirements or options available for satisfying the general education component. With appropriate justification and in consultation with your academic advisor, a request to substitute a course for one recommended in this guide may be granted with the appropriate approvals from the Department Chair, Dean for Instruction and Vice-President for Instruction. However, no substitutions are allowed in Groups I-III (General Education Component; GECC) of the curriculum guide (see the Associate in Applied Science general degree requirements worksheet in the John A. Logan College Catalog). Students planning to transfer and pursue a baccalaureate degree should, when given a choice, enroll in the general education course that is IAJ GECC approved and articulated with participating Illinois institutions.

*John A. Logan College reserves the right to modify this curriculum guide as needed.
Please verify with your academic advisor the accuracy and time lines of this document.*

Effective Date: Fall 2009

Career Opportunities: At the conclusion of the program, students will have earned the associate degree and their journeyman papers with the International Brotherhood of Electrical Workers. They will be prepared to work on electrical wiring and systems in industrial buildings, residences, public commercial buildings, schools, hospitals, and specialized systems such as sound, data transmission, telephone, fire alarm, fiber optics, energy management, closed circuit television, programmable controllers and intercom call systems and equipment.