



## **Inside Wireman Apprenticeship A.A.S.**

Career Community: Electrical and Manufacturing

Curriculum Code: 1445

Effective: Fall 2022 – Summer 2027

### **Description**

This curriculum is available only to individuals who have completed a formal apprenticeship program through Lansing Community College and hold JATC Inside Wireman journeyman-level status recognized by the U.S. Department of Labor, Bureau of Apprenticeship and Training. Upon completion of all the academic credit courses, the apprenticeship program will be evaluated and appropriate credit awarded. Students who have completed this apprenticeship work installing and servicing electrical wiring and systems in homes, offices, stores or industrial plants. This trade requires mechanical aptitude, logical thinking, and problem-solving skills. Not all courses in this program transfer to all colleges. Students planning to transfer should see an academic advisor before enrolling in any course.

### **Milestone**

In addition to the required General Education courses in Math and English, completion of APPR 170 and APPR 171 with a 2.0 or higher is a key component for success in completing this program. Knowledge obtained in these courses is the foundation for learning in other required courses. Students are encouraged to contact their faculty if they need additional assistance with learning the concepts presented in these courses.

### **Contact Information**

Contact the Electrical Technology Program at the West Campus Building, Room M127, telephone number 517-483-1570 or Student Services West Campus, West Campus Building, Room M106, telephone number 517-267-5452.

### **General Education - Applied Degrees, Recommended Courses**

(For the full list of options, see [General Education](#))

- English Composition or Applied English – *Select one*  
ENGL 121, Composition I, 4 credits / 4 billing hours  
ENGL 124, Technical Writing, 3 credits / 3 billing hours  
ENGL 127, Business Writing, 3 credits / 3 billing hours  
ENGL 131, Honors Composition I, 4 credits / 4 billing hours
- English Composition (Second Course)/Communications or Applied Communications – *Select one*  
COMM 110, Communication in the Workplace, 3 credits / 3 billing hours  
COMM 120, Dynamics of Communication, 3 credits / 3 billing hours  
COMM 130, Fundamentals Public Speaking, 3 credits / 3 billing hours

- Humanities and Fine Arts or Social Sciences or Applied Social Sciences – *Select one*  
 COMM 280, Intercultural Communication, 3 credits / 3 billing hours  
 GEOG 200, World Regional Geography, 4 credits / 4 billing hours  
 MGMT 234, Diversity in the Workplace, 3 credits / 3 billing hours  
 SOCL 120, Introduction to Sociology, 4 credits / 4 billing hours
- Mathematics or Applied Mathematics – *Select one*  
 ELTE 121, Electrical Mathematics, 5 credits / 6 billing hours  
 MATH 115, Technical Math II, 4 credits / 4 billing hours  
 MATH 117, Math for Business, 4 credits / 4 billing hours  
 MATH 119, Math – Applications for Living, 4 credits / 4 billing hours
- Natural Sciences Lab or Applied Science and Technology Lab – *Select one*  
 BIOL 120, Environmental Science, 4 credits / 6 billing hours  
 CHEM 151 and CHEM 161, General Chemistry Lecture/Lab I, 5 credits / 7 billing hours  
 METM 190, Metallurgy and Heat Treatment, 4 credits / 6 billing hours  
 PHYS 120, The Art of Physics, 4 credits / 5 billing hours

### Program of Study Required Courses

Course Code	Course Title	Credit / Billing Hours
APPR 170	Inside Wireman Apprentice 1-A	4 / 4
APPR 171	Inside Wireman Apprentice 1-B	4 / 4
APPR 172	Inside Wireman Apprentice 1-C	4 / 4
APPR 173	Inside Wireman Apprentice 2-A	4 / 4
APPR 174	Inside Wireman Apprentice 2-B	4 / 4
APPR 175	Inside Wireman Apprentice 2-C	4 / 4
APPR 176	Inside Wireman Apprentice 3-A	4 / 4
APPR 177	Inside Wireman Apprentice 3-B	4 / 4
APPR 178	Inside Wireman Apprentice 3-C	4 / 4
APPR 179	Inside Wireman Apprentice 4-A	4 / 4
APPR 180	Inside Wireman Apprentice 4-B	4 / 4
APPR 181	Inside Wireman Apprentice 4-C	4 / 4
APPR 182	Inside Wireman Apprentice 5-A	4 / 4

### Minimum Total Credit Hours

69 credits / 70 billing hours

### Recommended Course Sequence

Semester I
APPR 170 – Milestone course

Semester II
APPR 171 – Milestone course

Semester III
APPR 172
Semester IV
APPR 173
Semester V
APPR 174
Semester VI
APPR 175
Semester VII
Gen Ed – English Composition or Applied English
APPR 176
Semester VIII
Gen Ed – Mathematics or Applied Mathematics
APPR 177
Semester IX
Gen Ed – English Composition (Second Course)/Communications or Applied Communications
APPR 178
Semester X
Gen Ed – Natural Sciences Lab or Applied Science and Technology Lab
APPR 179
Semester XI
Gen Ed - Humanities and Fine Arts or Social Sciences or Applied Social Sciences
APPR 180
Semester XII
APPR 181
Semester XIII
APPR 182

*LCC makes every effort to limit revisions to the pathways during their effective timeframe. However, the College reserves the right to update certificate and degree title changes, and make course changes as needed, without prior notice.*