



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

Curriculum Code: 1445

Effective: Fall 2020 – Summer 2025

### **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.

### **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 Degree, Recommended Choices**

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

- English Composition – *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  
COMM 240, Interpersonal Communication, 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                  |

### Total Credit Hours

69-73 credits / 70-76 billing hours

### Recommended Course Sequence

| Semester I | Semester II |
|------------|-------------|
| APPR 170   | APPR 171    |

| Semester III | Semester IV |
|--------------|-------------|
| APPR 172     | APPR 173    |

| Semester V | Semester VI |
|------------|-------------|
| APPR 174   | APPR 175    |

| Semester VII                             | Semester VIII   |
|--|---|
| Gen Ed – English Composition<br>APPR 176 | Gen Ed – Mathematics or Applied Mathematics<br>APPR 177 |

| Semester IX   | Semester X  |
|---|---|
| Gen Ed – English Composition (Second Course)/Communications or Applied Communications<br>APPR 178 | Gen Ed – Natural Sciences Lab or Applied Science and Technology Lab<br>APPR 179 |

| Semester XI   | Semester XII |
|---|--------------|
| Gen Ed - Humanities and Fine Arts or Social Sciences or Applied Social Sciences<br>APPR 180 | APPR 181     |

| Semester XIII |
|---------------|
| APPR 182      |