



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

Career Community: Electrical and Manufacturing

Curriculum Code: 1445

Effective: Fall 2023 – Summer 2028

### **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**

For further information, including career options, course substitutions and waivers, etc., 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)/Communication or Applied Communication – *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 |

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| 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)/Communication or Applied Communication |
| 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.*