



Inside Wireman Apprenticeship A.A.S.

Career Community: Electrical and Manufacturing

Curriculum Code: 1445

Effective: Fall 2025 – Summer 2030

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.

Major 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 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
MGMT 234	Diversity in the Workplace	3 / 3

Major Required Courses, Limited Choice – Humanities and Fine Arts or Social Sciences or Applied Social Sciences – *Select one*

Course Code	Course Title	Credit / Billing Hours
COMM 280	Intercultural Communication	3 / 3
GEOG 200	World Regional Geography	4 / 4
SOCL 120	Introduction to Sociology	4 / 4

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 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
Major Required Limited Choice Courses meets this requirement
- Mathematics or Applied Mathematics – *Select one*
ELTE 121, Electrical Mathematics, 5 credits / 6 billing hours
MATH 115, Technical Mathematics, 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 Sciences 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

Additional Credits

After completing the course and credit requirements as noted on this pathway, students who fall short of the 60-credit minimum required for an Associate Degree may select any course(s) needed to reach 60 credits, except those courses noted in number 7 in the [Institutional Requirements for Associate Degrees](#). Students are encouraged to use Degree Works and meet with an Advisor to ensure all requirements are met and for course recommendations.

Minimum Total Credit Hours

60 credits / 61 billing hours

Recommended Course Sequence

Semester I - Fall
APPR 170 – Milestone course
Semester II - Spring
APPR 171 – Milestone course
Semester III - Fall
APPR 172
Semester IV - Spring
APPR 173
Gen Ed – English Composition or Applied English
Semester V - Fall
APPR 174
Gen Ed – Mathematics or Applied Mathematics
Semester VI - Spring
APPR 175
MGMT 234
Semester VII - Fall
APPR 177
Semester VIII - Spring
APPR 178
Gen Ed – English Composition (second course)/Communication or Applied Communication
Semester IX - Fall
APPR 179
Gen Ed – Natural Sciences Lab or Applied Sciences and Technology Lab
Semester X - Spring
APPR 180
Limited Choice - Humanities and Fine Arts or Social Sciences or Applied Social Sciences

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 titles, and make course changes as needed, without prior notice. The College also reserves the right to discontinue programs when warranted.