

LANSING COMMUNITY COLLEGE

Computer, Engineering/Manufacturing Industrial Technologies

**Curriculum Code:
1445 (Effective Fall
2017 – Summer
2022)**

Inside Wireman Apprenticeship A.A.S. Pathway

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.

Semester I	Course Title	Prerequisites	Credit/ Billing Hours
Program of Study Requirements			
APPR 170	Inside Wireman Apprentice 1-A	Current IBEW Electrical Apprentice	4 / 4
Credits			4 / 4
Semester II	Course Title	Prerequisites	Credit/ Billing Hours
Program of Study Requirements			
APPR 171	Inside Wireman Apprentice 1-B	Current IBEW Electrical Apprentice	4 / 4
Credits			4 / 4
Semester III	Course Title	Prerequisites	Credit/ Billing Hours
Program of Study Requirements			
APPR 172	Inside Wireman Apprentice 1-C	Current IBEW Electrical Apprentice	4 / 4
Credits			4 / 4

Semester IV	Course Title	Prerequisites	Credit/Billing Hours
Program of Study Requirements			
APPR 173	Inside Wireman Apprentice 2-A	Current IBEW Electrical Apprentice	4 / 4
Credits			4 / 4
Semester V	Course Title	Prerequisites	Credit/Billing Hours
Program of Study Requirements			
APPR 174	Inside Wireman Apprentice 2-B	Current IBEW Electrical Apprentice	4 / 4
Credits			4 / 4
Semester VI	Course Title	Prerequisites	Credit/Billing Hours
Program of Study Requirements			
APPR 175	Inside Wireman Apprentice 2-C	Current IBEW Electrical Apprentice	4 / 4
Credits			4 / 4
Semester VII	Course Title	Prerequisites	Credit/Billing Hours
Program of Study Requirements			
APPR 176	Inside Wireman Apprentice 3-A	Current IBEW Electrical Apprentice	4 / 4
Writing Core Area - <i>Select 1</i>			
ENGL 121 <i>(formerly WRIT 121)</i>	Composition I	Reading Level 5 and Writing Level 6	4 / 4
ENGL 124 <i>(formerly WRIT 124)</i>	Technical Writing	Reading Level 5 and Writing Level 6	3 / 3
ENGL 127 <i>(formerly WRIT 127)</i>	Business Writing	Reading Level 5 and Writing Level 6	3 / 3
ENGL 131 <i>(formerly WRIT 131)</i>	Honors Composition I	Reading Level 5 and Writing Level 7	4 / 4
Credits			7-8 / 7-8

Semester VIII	Course Title	Prerequisites	Credit/Billing Hours
Program of Study Requirements			
APPR 177	Inside Wireman Apprentice 3-B	Current IBEW Electrical Apprentice	4 / 4
Mathematics Core Area - <i>Select 1</i>			
ELTE 121	Electrical Mathematics	Minimum 2.0 in (ELTE 100 or ELTE 102 or DCTM 102 or HVAC 102 or METS 102 or WELD 102) and (ELTE 110 or ELTE 108 or ELTE 118) and (minimum 2.0 in MATH 107 or MATH 114 or Math Level 5) and Reading Level 5	5 / 6
Credits			9 / 10
Semester IX	Course Title	Prerequisites	Credit/Billing Hours
Program of Study Requirements			
APPR 178	Inside Wireman Apprentice 3-C	Current IBEW Electrical Apprentice	4 / 4
Communication Core Area - <i>Select 1</i>			
ARTS 102	Design & Communication	(Reading Level 5 or READ 170 concurrently or AASD 105 concurrently) and Writing Level 6	3 / 4
COMM 110 <i>(formerly SPCH 110)</i>	Oral Communication in the Workplace	Reading Level 5 and Writing Level 6	3 / 3
Credits			7 / 7-8
Semester X	Course Title	Prerequisites	Credit/Billing Hours
Program of Study Requirements			
APPR 179	Inside Wireman Apprentice 4-A	Current IBEW Electrical Apprentice	4 / 4

Science Core Area - <i>Select 1</i>			
BIOL 120	Environmental Science	Reading Level 5 or AASD 105 concurrently and Writing Level 6	4 / 6
Credits			8 / 10
Semester XI	Course Title	Prerequisites	Credit/Billing Hours
Program of Study Requirements			
APPR 180	Inside Wireman Apprentice 4-B	Current IBEW Electrical Apprentice	4 / 4
Global Perspectives and Diversity Core Area - <i>Select 1</i>			
COMM 280	Intercultural Communication	Reading Level 5 and Writing Level 6	3 / 3
MGMT 234	Diversity in the Workplace	Reading Level 5 and Writing Level 6	3 / 3
Credits			7 / 7
Semester XII	Course Title	Prerequisites	Credit/Billing Hours
Program of Study Requirements			
APPR 181	Inside Wireman Apprentice 4-C	Current IBEW Electrical Apprentice	4 / 4
Credits			4 / 4
Semester XIII	Course Title	Prerequisites	Credit/Billing Hours
Program of Study Requirements			
APPR 182	Inside Wireman Apprentice 5-A	Current IBEW Electrical Apprentice	4 / 4
Credits			4 / 4

Semester XIV	Course Title	Prerequisites	Credit/ Billing Hours
Program of Study Requirements			
APPR 183	Inside Wireman Apprentice 5-B	Current IBEW Electrical Apprentice	4 / 4
Credits			4 / 4
Semester XV	Course Title	Prerequisites	Credit/Billing Hours
Program of Study Requirements			
APPR 184	Inside Wireman Apprentice 5-C	Current IBEW Electrical Apprentice	4 / 4
Credits			4 / 4
Total Credits			78-79 / 81-83