



Northland Pioneer College

Name _____
NPC ID _____
Total Credits **60**

Associate of Applied Science – (AAS) - 2025-26 Catalog Blocks are suggested for full-time students, but may be adjusted based on course scheduling, student employment, and individual needs.

Electrical and Instrumentation	Certificate of Proficiency (CP) 28 credits
Electrical and Instrumentation	Certificate of Applied Science (CAS) 34 Credits (CP plus 6 credits as highlighted)
Electrical and Instrumentation	Associate of Applied Science (AAS) 60 Credits (CAS plus 26 credits as highlighted)

First Block

X	Course	Notes	credits
	ENL 101 College Composition I		3
	ITT 100 Craft Core Skills Curriculum		4
	ITT 101 Electrical, Instrumentation and Mechanical Fundamentals I	ITT 100 Corequisite	3
	ITT 102 Electrical, Instrumentation and Mechanical Fundamentals II	ITT 101 Corequisite	3

Second Block

X	Course	Notes	credits
	MAT 109 – Algebra 1	Or any Quantitative Reasoning course for which MAT 109 is a prerequisite	3
	ITT 113 – Electrical and Instrumentation I	ITT102 Prerequisite	3
	ITT 114 – Electrical and Instrumentation II	ITT 113 Corequisite	3
	BUS 127 – Introduction to MS Office		3
	Art & Humanities OR Social Behavioral Science *		3

Third Block

X	Course	Notes	credits
	ITT 215 – Electrical and Instrumentation III	ITT 114 Prerequisite	3
	ITT 216 – Electrical and Instrumentation IV	ITT 215 Prerequisite	3
	CHM 130 – Fundamentals of Chemistry	MAT 109 Prerequisite or placement	4
	BUS 203 – Introduction to Business Communication	BUS 127 or CIS 105 Prerequisites	3
	Elective		3

Fourth Block

X	Course	Notes	credits
	ITT 217 – Electrical and Instrumentation V	ITT 216 Prerequisite	3
	ITT 218 – Electrical and Instrumentation VI	ITT 217 Corequisite	3
	BUS 105 – Techniques of Supervision		3
	Written and Oral Communications (any unduplicated course)		3
	Elective		4

Key

* = Prerequisite (Speak with your academic advisor or check the notes section for more information.)

Notes: This program mapping is a suggestion of how this program can be completed as a full-time student and may need to be adjusted based on the semester you start or your personal circumstance. Students should consult an advisor when they plan their individual completion path.

General education options are located in section IV, Programs, of the NPC college catalog. To be sure your general education course applies to your degree, speak with your academic advisor. The online version of the college catalog is located on our public website: <https://www.npc.edu/college-catalog>

Your Academic Plan

Semester_____ Year_____

[illegible]

Semester_____ Year_____

[illegible]

Semester_____ Year_____

[illegible]

Semester_____ Year_____

[illegible]

Semester_____ Year_____

[illegible]

Semester_____ Year_____

[illegible]