



Northland Pioneer College

Name	_____
NPC ID	_____
Total Credits	60

Associate of Applied Science – (AAS) – 2026-27 Catalog

Blocks are suggested for full-time students, but may be adjusted based on course scheduling, student employment, or individual needs.

Power and Alternative Energy	Certificate of Proficiency (CP) 27 credits
Power and Alternative Energy	Certificate of Applied Science (CAS) 33 Credits (CP plus 6 credits as highlighted)
Power and Alternative Energy	Associate of Applied Science (AAS) 60 Credits (CAS plus 27 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 110 Power Industry Fundamentals and Safety		2
	ITT 171 Alternative Energy I	ITT 100 and ITT 110 Corequisites	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 102 Electrical, Instrumentation and Mechanical Fundamentals II	ITT 101 Corequisite	3
	ITT 271 Introduction to Solar Photovoltaics	ITT171 Prerequisite	3
	Elective		3
	BUS 127 MS Office Level I		3

Third Block

X	Course	Notes	credits
	ITT 281 Wind Turbine Maintenance I	ITT 100 and ITT 110 Prerequisites	3
	ITT 172 Alternative Energy II	ITT 171 Prerequisite	3
	CHM 130 Fundamentals of Chemistry	MAT 109 Prerequisite or Placement	4
	BUS 203 Business Communication	BUS 127 or CIS 105 Prerequisites	3
	Art & Humanities OR Social & Behavioral Science *		3

Fourth Block

X	Course	Notes	credits
	ITT 282 Wind Turbine Maintenance II	ITT 281 Prerequisite	3
	BUS 105 Techniques of Supervision		3
	Written and Oral Communication (any unduplicated course)		3
	Elective		3
	Elective		3

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 _____

Course	Credits	Grade

Semester _____ Year _____

Course	Credits	Grade

Semester _____ Year _____

Course	Credits	Grade

Semester _____ Year _____

Course	Credits	Grade

Semester _____ Year _____

Course	Credits	Grade

Semester _____ Year _____

Course	Credits	Grade