



Northland Pioneer College

Name _____
NPC ID _____
Total Credits **64**

Associate of Applied Science – CIS – Computer Information (AAS) - 2025-26 Catalog Blocks are suggested for full-time students, but may be adjusted based on course scheduling, student employment, or individual needs. Courses **Highlighted** lead to the Certificate of Proficiency

First Semester

X	Course	Notes	credits
	CIS 105	Requires Placement	3
	CIS 121 Critical Thinking in IT		3
	Natural Science*	Requires Placement	4
	MAT 112 or higher *	Requires Placement OR MAT 109-Prerequisite	3

Second Semester

X	Course	Notes	credits
	ENL 101 College Composition I *	Requires Placement	3
	CIS 111 Introduction to Programming *	CIS 105 or CIS 107 & MAT 112 or equivalent OR Instructor Permission - Prerequisite	3
	CIS 130 Information Security Fundamentals *	CIS 105 or CIS 107 or Instructor Permission - Prerequisite	3
	CIS 141 Managing & Maintaining Your PC I (A+) *	CIS 105 or CIS 107 or Instructor Permission-Prerequisite	3
	CIS 161 Microsoft Operating Systems *	CIS 105 or CIS 107 or Instructor Permission-Prerequisite	3

Summer Session

X	Course	Notes	credits
	Elective	Unduplicated courses at the 100-level or higher	3
	Arts and Humanities OR Social Behavioral Science*	Requires Placement	3

Third semester

X	Course	Notes	credits
	CIS 142 Managing & Maintaining Your PC II (A+) *	CIS 141 or Instructor Permission -Prerequisite	3
	CIS 145 Network & Certification Preparation *	CIS 141 or Instructor Permission -Prerequisite	3
	CIS 171 Linux Operating System		3
	ENL 102 College Composition II * OR Communications	ENL 101-Prerequisite	3
	Elective	Unduplicated courses at the 100-level or higher	3

Fourth semester

X	Course	Notes	credits
	CIS 123 Electronics in Computing		3
	CIS 227 C# Programming *	CIS 111 or Instructor Permission -Prerequisite	3
	CIS 245 Database Management Concepts *	CIS 105 or CIS 107 or Instructor Permission-Prerequisite	3
	CIS 280 Systems Analysis and Design	CIS 111 or Instructor Permission-Prerequisite	3
	Elective	Unduplicated courses at the 100-level or higher	3

Computer Information Systems Certificate of Proficiency

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