

Northland Pioneer College
ASSOCIATE OF APPLIED SCIENCE (AAS)
COMPUTER TECHNOLOGY - PC Technician

2009-2010 Catalog Year

NPC Advising Checksheet - Minimum of 64-65 Credits

Student Name:	Student ID:
Advisor Name:	Date:

I. GENERAL EDUCATION REQUIREMENTS (16-17 CRS)				II. DISCIPLINE STUDIES (7 CRS)			
	CRS	GR	SEM		CRS	GR	SEM
COMMUNICATIONS (6 CRS)				PHYSICAL & BIOLOGICAL SCIENCES			
ENL 101	3				4		
ENL 102	3						
<i>OR</i>				ARTS & HUMANITIES			
ENL 109	3				3		
<i>OR</i>				<i>OR</i>			
SPT 120	3			<i>OR</i>			
MATHEMATICS (3-4 CRS)				SOCIAL & BEHAVIORAL SCIENCES			
MAT112	3				3		
<i>OR</i>							
MAT121	4						

III. CORE REQUIREMENTS (18 CRS)				IV. REQUIRED ELECTIVES (6 CRS)			
Common CTP Core Requirements:				Complete a minimum of 6 unduplicated credits from the List of Required Electives.			
	CRS	GR	SEM		CRS	GR	SEM
CIS100	3				3		
CIS 111	3				3		
ELC110	3						
ELC111	3						
ELC140	3						
One 3-credit CIS programming language course.	3						
AREA OF SPECIALIZATION (24CRS)							
PC TECHNICIAN							
CTP 150	3						
CTP 151	3						
CTP 152	3						
CTP 250	3						
CTP 251	3						
CTP 252	3						
CTP 253	3						
ELC 106	3						

The Associate of Applied Science (AAS) Degree is designed for specialization in vocational or technical fields and requires completion of a minimum of 64 credits with a cumulative grade point average of 2.0 on a 4.0 scale.

**ASSOCIATE OF APPLIED SCIENCE COURSES
2009-2010 Catalog Year**

Specific programs may designate or limit course options. The General Education requirements for certain programs may exceed 16 credit minimum.

COMMUNICATIONS (6 CREDITS)
See specific program requirements

MATHEMATICS (3-4 CREDITS)
See specific program requirements

DISCIPLINE STUDIES (7 CREDITS)--unless otherwise noted in a program description, students must take one course from Physical and Biological Sciences and one course from either Arts and Humanities or Social and Behavioral Sciences.

ARTS AND HUMANITIES

ART 101 Understanding Art
ART 115 Art History I
ART 116 Art History II
ENL 220 World Literature I
ENL 221 World Literature II
ENL 224 English Literature I
ENL 225 English Literature II
HUM 150 Humanities—Western World I
HUM 151 Humanities—Western World II
MUS 150 Music Appreciation
PHL 101 Introduction to Philosophy
PHL 105 Introduction to Ethics
SPT 130 Introduction to Theatre
SPT 150 Introduction to Film
SPT 155 History of Television

PHYSICAL AND BIOLOGICAL SCIENCES

BIO 100 Biology Concepts
BIO 105 Environmental Biology
BIO 160 Intro to Human Anatomy & Physiology
BIO 181 General Biology I
BIO 182 General Biology II
BIO 201 Human Anatomy and Physiology I
BIO 202 Human Anatomy and Physiology II
CHM 130 Fundamental Chemistry
CHM 151 General Chemistry I
CHM 152 General Chemistry II
GEO 111 Physical Geography
GLG 101 Introduction to Geology I—Physical
GLG 102 Introduction to Geology II—Historical
PHY 113 General Physics I
PHY 114 General Physics II

SOCIAL AND BEHAVIORAL SCIENCES

ANT 102 Cultural Anthropology
BUS 140 Principles of Economics—Macro
BUS 141 Principles of Economics—Micro
GEO 110 World Regional Geography
HIS 105 U.S. History to 1877
HIS 106 U.S. History Since 1877
HIS 155 Western Civilization to 1700
HIS 156 Western Civilization Since 1700
POS 110 American Government
PSY 101 Introduction to Psychology
PSY 200 Psychology of Adjustment
PSY 240 Developmental Psychology
SOC 120 General Sociology
SOC 121 Social Problems in America
SOC 130 Racial, Ethnic and Gender Relations
SOC 225 Sociology of the Family

COMPUTER TECHNOLOGY REQUIRED ELECTIVES – A course may be used only once (unduplicated credits) toward the total program requirements.

CIS 100 Survey of Computer Information Systems	CTP 186 Networking Protocols III	CTP 252 Computer Peripheral Diagnosis and Repair
CIS 111 Introduction to Programming	CTP 187 Wireless Access Technologies	CTP 253 Network Hardware Installation and Maintenance
CIS 200 BASIC Programming	CTP 220 Internet/Intranet Design and Implementation Concepts	CTP 260 Introduction to UNIX
CIS 217 JAVA Programming, Introductory	CTP 221 MS-Internet Information WEB Server Administration	CTP 266 Supporting Solaris 9 UNIX
CIS 225 Programming in C Language	CTP 222 Microsoft Exchange Server 2000	CTP 267 Supporting Red Hat Linux
CIS 226 Programming in C++	CTP 223 Microsoft SQL Server 2000	CTP 268 Linux+ Certification Preparation
CTP 150 Computer Setup and Repair for Home and Business	CTP 243 Windows Server Support I	ELC 106 Telephony, Cabling and Networking I
CTP 151 Computer Troubleshooting A+ Hardware	CTP 244 Windows Server Support II	ELC 107 Telephony, Cabling and Networking II
CTP 152 Computer Troubleshooting A+ OS	CTP 245 Windows Server Support III	ELC 110 DC Analysis and Laboratory
CTP 180 Networking and Communications I	CTP 246 Supporting Windows XP	ELC 111 AC Analysis and Laboratory
CTP 181 Networking and Communications II	CTP 247 Implementing and Supporting Microsoft Windows 95	ELC 140 Semiconductor Theory and Laboratory
CTP 182 Wide Area Networks	CTP 248 Implementing and Supporting Microsoft Windows 98	ELC 141 Electronic Circuits Theory and Laboratory
CTP 183 Fast Packet Technology	CTP 249 Microsoft Networking Essentials	ELC 210 Digital Theory and Laboratory
CTP 184 Networking Protocols I	CTP 250 Computer Repair I	ELC 245 Microprocessor Theory and Laboratory