Northland Pioneer College
EXPANDING MINDS • TRANSFORMING LIVES℠

Computer Information Systems (CIS)
Associate of Applied Science (AAS) Degree

Direct to Work

This program is "competency based," ensuring that you graduate job-ready with the skills necessary for entry-level employment. Learn on state-of-the-art equipment in small class settings where you receive personal attention from highly trained and experienced CIS faculty members.

Name: _____

ID#: _____

Program Requirements

GPA..2.0
Credits.......................................64

General Education Courses 16 Credits

Areas	Courses
English/Com. **Required: 6-Credits** Complete ☐	**(Each course is worth 3 credits)** ☐ ENL 101 College Composition I **Plus one of the following:** ☐ ENL 102 College Comp II (required for AGEC) ☐ ENL 109 Technical Writing ☐ SPT 110 Fundamentals of Oral Communication ☐ SPT 120 Public Speaking
Math **Required: 3-Credits** Complete ☐	**(Each course is worth 3 credits unless noted)** ☐ MAT 112 Algebra II: Intermediate ☐ MAT 125 Introduction to Statistics ☐ MAT 142 College Math with Con App ☐ MAT 152 Advanced Algebra ☐ MAT 161 Algebra Based Math EE I ☐ MAT 162 Algebra Based Math EE II ☐ MAT 189 Pre-Calculus Algebra/Trig ☐ MAT 211 Technical Calculus (4 credits) ☐ MAT 221 Calculus I (4 credits) ☐ MAT 231 Calculus II (4 credits) ☐ MAT 241 Calculus III (4 credits)
Physical & Biological Sciences **Required: 4-Credits** Complete ☐	**(Each course is worth 4 credits)** ☐ ANT 104 Biological Anthropology & Human Origins ☐ BIO 100 Biology Concepts ☐ BIO 105 Environmental Biology ☐ BIO 160 Introduction to Human Anatomy& Physiology ☐ BIO 181 General Biology I ☐ BIO 182 General Biology II ☐ **CHM 130 Foundational Chemistry ☐ **CHM 151 General Chemistry I ☐ CHM 152 General Chemistry II ☐ GEO 111 Physical Geography ☐ GLG 101 Introduction to Geology I – Physical Geology ☐ GLG 102 Introduction to Geology II –Historical Geology ☐ PHY 113 General Physics I ☐ PHY 114 General Physics II
Required: 3-Credits Complete ☐	Students **MUST choose one course from either** Arts & Humanities **OR** Social & Behavioral Sciences. **(Each course is worth 3 credits)**
Arts & Humanities	☐ ART 101 Understanding Art ☐ ART 115 Art History I ☐ ART 116 Art History II ☐ ART 215 Native American Art ☐ ENL 220 World Literature I ☐ ENL 221 World Literature II ☐ ENL 224 English Literature I ☐ ENL 225 English Literature II ☐ ENL 230 American Literature I ☐ ENL 231 American Literature II ☐ HUM 150 Humanities in the Western World I ☐ HUM 151 Humanities in the Western World II ☐ MUS 150 Music Appreciation ☐ MUS 250 World Music ☐ PHL 101 Introduction to Philosophy ☐ PHL 103 Introduction to Logic/critical Thinking ☐ PHL 105 Introduction to Ethics ☐ SPT 130 Introduction to Theatre ☐ SPT 150 Introduction to Film ☐ SPT 155 History of Television

Areas	Courses
Social & Behavioral Sciences	☐ *ANT 102 Cultural Anthropology ☐ ANT 120 Buried Cities and Lost Tribes ☐ ECN 211 Principles of Macroeconomics ☐ ECN 212 Principles of Microeconomics ☐ *GEO 110 World Regional Geography ☐ GEO 120 Human 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 240 Developmental Psychology ☐ PSY 250 Social Psychology ☐ SOC 120 General Sociology ☐ SOC 121 Social Problems ☐ SOC 130 Racial, Ethnic and Gender Relations in Society ☐ SOC 225 Sociology of the Family

Core Courses 39 Credits

Areas	Courses
Core Courses **Required 30-credits** Complete ☐	**(Each course is worth 3 credits)** ☐ CIS 105 Computer Applications and Information technology ☐ CIS 111 Introduction to Programming ☐ CIS 125 Digital Media ☐ CIS 130 Information Security Fundamentals ☐ CIS 141 Managing and maintaining your PC I (A+) ☐ CIS 142 Managing and maintaining your PC II (A+) ☐ CIS 145 Network + Certification Preparation ☐ CIS 150 Digital Culture ☐ CIS 161 Microsoft Operating System ☐ CIS 171 Linux Operating System ☐ CIS 227 C# Programming ☐ CIS 245 Database Management and Concepts ☐ CIS 280 Systems Analysis and Design

Elective Courses 9 Credits

Required Electives **Required: 9 Credits** Complete ☐	Choose unduplicated courses ☐ Course: _____ ☐ Course: _____ ☐ Course: _____ ☐ Course: _____

Total Credits _____

Courses over 8 years old may be reevaluated for this program

If you are a student with a disability and need accommodations, please contact the **Disability Resource and Access** office located at the White Mountain Campus. The coordinator, Sandy Manor, travels to all NPC campuses and centers.
An appointment can be scheduled to meet with her by calling:
(800) 266-7845, ext. 6178.

SEE REVERSE SIDE FOR MORE INFORMATION

Suggested Semester Plan of Study
(complete your degree in two years)

Semester 1	Credits	Semester 2	Credits
CIS 105	3	ENL 101	3
CIS 150	3	CIS 111	3
MAT 112 or higher	3	CIS 130	3
Physical Science	4	CIS 141	3
Summer Semester	**Credits**	CIS 161	3
Elective	3		
Art Humanity/Social Behav-	3	**Semester 4**	**Credits**
		CIS 125	3
Semester 3	**Credits**	CIS 227	3
CIS 142	3	CIS 245	3
CIS 145	3	CIS 280	3
CIS 171	3		
ENL 102	3		
Summer Semester	**Credits**		
Elective	3		

Your Semester Plan of Study

Semester 1	Credits	Semester 2	Credits

Semester 3	Credits	Semester 4	Credits

Additional Semesters as Needed

Semester 5	Credits	Semester 6	Credits

Semester 7	Credits	Semester 8	Credits

Important Dates to Remember:

Fall 2019 Semester:

April 8	Schedule available online..
April 15	**Veterans Priority Registration Day.**
April 22	**Registration begins at 7:30 a.m.**
August 26	**Fall semester begins**
September 3	Labor Day College Closed
September 6	Last day to withdraw without a "W" on transcript.
October 7	Fall Graduation Application deadline.

Spring 2020 Semester:

November 18	Schedule available online.
November 25	**Veterans Priority Registration Day.**
December 2	**Registration begins at 7:30 a.m.**
January 21	**Spring semester begins**
January 28	**Last day to withdraw without a "W" on transcript**
February 17	Spring Graduation Application deadline.
March 16-20	Spring Break
May 16	Graduation

Summer 2020 Semester:

March 30	Schedule available online
April 6	**Veteran's Priority Deadline**
April 13	**Summer Registration begins at 730 am**
June 1	**Summer session Begins**

Http:npc.edu/academic-calendar

Total Estimated Program Cost	Cost
Tuition (2019)	$4,928.00
Fees	770.00
Books	$ 1,400.00 - $3,000.00
TOTAL:	$7098.00 - $8698.00

*Tuition, fees and books subject to change without notice. Total is an Estimate.

Helpful Definitions and Websites

- See the cost savings in just tuition by completing the first two years of your bachelor's degree at NPC at **www.npc.edu/transferU**
- Find out more about NPC transfer agreements with other colleges and universities at **www.npc.edu/transfer-agreements**
- Learn all about Arizona's guaranteed transfer degrees to ASU, NAU and UofA at **www.aztransfer.com**
- NPC's **college catalog** is available online at **www.npc.edu/college-catalog** or from any campus or center adviser.
- Articulation: the process of determining the transfer and applicability of courses from one institution of higher education to another.
- Course Equivalency Guide: shows how community college courses transfer to the three state universities. It also has many equivalencies among the three state universities. It does NOT indicate how a course transfers to a specific degree program. Course equivalencies are *"year specific"* meaning that in order to see if course work will transfer, you must review the Course Equivalency Guide for the year in which you took the course.
- Course Prefix: generally three or four characters identifying a department or division in which a course is taught *(example: SOC is commonly used for Sociology courses)*
- Prerequisites: a course that must be completed prior to taking a subsequent course.
- SUN#: the Shared Unique Number (SUN) System identifies some of the transferable lower-division courses commonly offered at the three Arizona public universities and at least two Arizona community colleges. The system ensures that a SUN course at a participating institution will be accepted as a direct equivalent to the comparable SUN course at the other participating institution.