

Computer Information Systems

Certificate of Applied Science (CAS)



Advising Check Sheet, 2019-20 Catalog	Worl
The CAS focuses on employment skills to prepare you for your career in a s	select-
ed field. However, rather than taking the full spectrum of general education	tion
courses required to earn the Associate of Applied Science (AAS) degree, th	e CAS
requires a specified minimum number of credits in your area of subject sp	eciali-
zation and just six pre-determined units of general education.	

Suggested Semester Plan of Study

(complete your certificate in three semesters)

Semester 1	Credits	Semester 1	Credits
CIS 105*	3	Semester 1	Credits
CIS 103	,	CIS 130	3
MAT 112	3	CIS 111*	3
CIS 150	3	CIS 141	3
		CI3 141	,
ENL 101	3	CIS 161	3
Semester 3	Credits	Semester 4	Credits
CIS 142*	3	CIS 125	3
CIS 245*	3	CIS 227	3
CIS 171	3	CIS 245	
		CIS 280	

^{*}Courses may have a pre-requisite, please see an adviser.

Your Semester Plan of Study

Semester 1	Credits	Semester 2	Credits
Semester 3	Credits	Semester 4	Credits

Name:	Program Requirements
ID#:	GPA2.0 Credits45

General Education Courses 6 Credits			
Areas	Courses		
English/Com.	(Each course is worth 3 credits)		
Required: 3-Credits	☐ ENL 101 College Composition I		
Complete □			
Math	(Each course is worth 3 credits unless noted)		
Required: 3-Credits Complete □	□ BUS 133 Business Mathematics □ MAT 101 Basic Technical Math □ MAT 103 Business Mathematics □ MAT 109 Algebra I: Introductory □ 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 231 Calculus II (4 credits) □ MAT 241 Calculus III (4 credits)		
Core Courses 39 Credits			
Core Courses <u>Required</u> 39-credits	(Each course is worth 3 credits unless noted) □ CIS 105 Computer Applications and Information Technology □ CIS 111 Introduction to Programming □ CIS 125 Digital Media □ CIS 130 Information Security Fundamentals		
Complete []	CIS 141 Managing and Maintaining Your DC L(A)		

	Core Courses 39 Credits
Core	(Each course is worth 3 credits unless noted)
Courses	☐ CIS 105 Computer Applications and Information Technology
Required	☐ CIS 111 Introduction to Programming
39-credits	□ CIS 125 Digital Media
	☐ CIS 130 Information Security Fundamentals
Complete	☐ 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 Systems
	☐ CIS 171 Linux Operating System
	☐ CIS 227 C# Programming
	☐ CIS 245 Database Management and Concepts
	☐ CIS 280 Systems Analysis and Design

Total Credits

Courses over 8 years old may be reevaluated for this program

Total Estimated Program Cost	Cost
Tuition (2019)	\$3465.00
Fees	\$630.00
Books	\$ 2,400.00 - \$3,500.00
TOTAL:	\$6495.00 - \$7595.00

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

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 coordinates a student with a disability and need accommodations, please contact the Disability Resource and Access office located at the White Mountain Campus. The coordinates are student with a disability and need accommodations, please contact the Disability Resource and Access office located at the White Mountain Campus. The coordinates are student with a disability and need accommodations, please contact the Disability Resource and Access office located at the White Mountain Campus. nator, 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.

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

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.
- <u>Course Prefix</u>: 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.