Tohono O'odham Community College
Associate of Applied Science in Computer Information Systems

NAME:		TOCC ID:	
TOCC EMAIL:		PHONE NUMBER:	
TERM OF ADMISSION:		EXPECTED GRADUATION YEAR/TERM:	
ADVISOR:		REQUIRED CREDITS FOR DEGREE: 61	

I. General Education Courses (21 cr):

- Tohono O'odham Himdag (7 cr): HIS 122 (3 cr) and select one from the following: THO 101, THO 106 (4 cr)
- Writing II (3 cr): Select from WRT 102 or SPE 110

Note: MAT 142H and courses ending in N (e.g., CIS 230N) are 4 cr. hrs unless otherwise indicated. The rest of the courses are 3 cr. hrs unless otherwise indicated.

COURSE PREFIX	COURSE NAME	SUBSTITUTE COURSE	SEMESTER	YEAR	CREDITS	GRADE
HIS 122	Tohono O'odham History and Culture					
THO						
WRT 101	Writing I					
MAT 142H	College Mathematics					
BIO 105N	Environmental Biology					

II. Core Requirements (21 cr):

COURSE PREFIX	COURSE NAME	SUBSTITUTE COURSE	SEMESTER	YEAR	CREDITS	GRADE
CIS 100	Introduction to Computers					
CIS 127	Programming and Problem Solving I					
CIS 130	Fundamentals of Computer Networking					
CIS 140	Introduction to Risk Management					
CIS 210	Introduction to System Administration					
CIS 280	IT Project Management					
CIS 297	Internship/Practicum					

III. Electives (19 cr):

COURSE PREFIX	COURSE NAME	SUBSTITUTE COURSE	SEMESTER	YEAR	CREDITS	GRADE
CIS 230N	Networking Fundamentals – Nt., S					
CIS 234N	Advanced Networking Routing and Switching - Nt					
CIS 240N	Network Security – Nt., S					
CIS 250 N	Coding Fundamentals-C					
GEO 267	Introduction to GIS - G					

Associate of Applied Science in Computer Information Systems

The Associate of Applied Science in Computer Information Systems is a workforce degree intended for those students seeking entry-level employment upon completion. Students who are considering continuing their education after their Associates Degree should consider the Associate of Arts in Computer Information Systems.

Program Learning Outcomes

1. Demonstrate the ability to install, configure, and maintain end-user computer systems and software.
2. Research, interpret, and communicate technical information in written, graphic, diagrammatic, electronic and oral forms.
3. Demonstrate the ability to plan and implement both wired and wireless networks sufficient for small business use.
4. Apply project life-cycle concepts to assist in business operations.
5. Demonstrate the ability to work independently or in a group environment with sensitivity to the business and cultural needs (Himdag).
6. Demonstrate the ability to apply Cyber-Security techniques to keep data and systems secure.

Students:

You must secure official approval by your advisor(s) before submitting the **final** Program of Study. By signing or entering your name below, you agree to the following statement: "Students are responsible for complete knowledge of Academic Catalog requirements in their degree plan and for adhering to all policies in Academic Catalog and Student Handbook."

Signature Panel:

Please indicate approval of the curriculum on the Program of Study by placing your signature (formal electronic signatures are permitted) in the space provided.

Student:	Date:
Faculty Advisor:	Date:
Academic Advisor	Date:
Registrar:	Date:
Dean of Academics:	Date: