

SOUTHEAST NEW MEXICO COLLEGE (2022-2023)
AAS IN COMPUTER & INFORMATION TECHNOLOGY (PROGRAMMING)
ENMU-PORTALES (2023-2025)
BAAS IN INFORMATION SYSTEMS & PROGRAMMING DESIGN

Associate of Applied Science in Computer & Info Technology (Programming) at SENMC (60-64 Minimum Credit Hours)							
Subject	Number	Title	Credit Hours	Subject	Number	Title	Credit Hours
BCIS	1110	Intro to Info Sys -OR- ET 120 Comput. Software	3	OECS	128	Operating Systems Linux/Unix	3
MATH	1215	Intermediate Algebra	3	Select 3 credits from: ET 283, OECS 185 -OR- 227			3
OECS	220	Database Application & Design	3	OECS	207	Windows	3
Select one of:			3	Select 3-4 credits from: OECS 290, 255, 261, ET 153 -OR- 155			3 to 4
ACCT 2120, BCIS 1110, BFIN 2110, BUSA 110, ET 120, MGMT 2110 -OR- MKTG 2110				Select 15 credits from: ET 253, 283, OECS 192, 195, 235 -OR- 245			15
One programming-related course			3	New Mexico General Education Requirement:			15 to 18

Courses That Can Be Completed at Either Institution				
	Subject	Number	Title	Credit Hours
These required courses may be completed at either SENMC (recommended) or at ENMU-Portales. A grade of C or better is necessary for these courses. Students must complete the General Education requirement (31-33 hours per New Mexico State Code) for award of any bachelor degree in New Mexico. Recommend that students complete the AA/AS GenEd requirements at SENMC.	MATH	1220	College Algebra (Prereq. For CS 220)	3

Bachelor of Applied Arts and Science in InfoSys & Programming Design at ENMU-Portales							
Subject	Number	Title	Credit Hours	Subject	Number	Title	Credit Hours
*	*	Diversity/Global Upper-Division Course	3	Select 2 courses from: BCIS 343 Database Mgmt Systems -OR- BCIS 420 Systems Analysis & Design -OR- BCIS 430 Adv. Web Developmt -OR- BCIS 435 Network Infrastructure -OR- BCIS 440 Server Operating Systems -OR- BCIS 460 Project Mgmt -OR- CS 451 Design & Analysis of Algorithms. -OR- CS 451 Design & Analysis of Algorithms.			6
BCIS	301	Informatino Systems for Managers	3	Elective Courses to reach minimum 120 hours if required			
BCIS	315	Electronic Business Strategy, Arch & Design	3				
BCIS	316	Information Systems Security & Ethics	3				
CS	123	Computer Science I	3				
CS	220	Discrete Mathematics for CS	3				
CS	234	Computer Science II	3				
CS	357	Data Structure	3				

Minimum GPA Requirement	2.0	SENMC AAS in Computer & Info Tech (Programming)	60 - 64
Minimum hours of Upper-Division Courses for BAAS Degree	min. 18	General Education Requirement Complete	15-16
Minimum hours taken from ENMU-Portales (final 30 of 60)	30	ENMU-Portales BAAS in InfoSys & Programming Design	Var.
Minimum hours for BAAS (Transferred + ENMU-Portales)	120	Electives if needed to meet Degree requirements	Var.

Total: Minimum 120 Hours