



**NEW MEXICO JUNIOR COLLEGE (2024-2025)**  
**ASSOCIATE OF APPLIED SCIENCE IN COMPUTER INFORMATION SYSTEMS**  
**ENMU-PORTALES (2023-2025)**  
**BACHELOR OF APPLIED ARTS AND SCIENCE**  
**IN INFORMATION SYSTEMS (PROGRAMMING DESIGN)**

**Associate of Applied Science in Computer Information Systems at NMJC (Minimum Credit Hours 61)**

Subject	No.	Title	Hours	Subject	No.	Title	Hours
ENGL	1110	English Comp I (Gen Ed Requirement)	3	BCIS	1115	Introduction to CIS (VOTR)	4
ENGL	1120/2210	Comp II -OR- Prof/Technical (Gen Ed Req'mt)	3	BCIS	2150	Advanced Computer Applications (VOTR)	3
		Mathematics Gen Ed Elective (See Gen Ed List)	3	BUSA	2460	Business Ethics (CS 113D)	3
		Laboratory Science Gen Ed Elective w/Lab (See Gen Ed List)	4	CSYS	1230	Advanced Networking (VOTR)	4
		Social/Behavioral Science Gen Ed Elective (See Gen Ed List)	3	CSYS	1130	Networking Basics (VOTR)	4
BCIS	1110	Fundamentals of Info Literacy & Sys (VOTR)	3	CSYS	2215	Introduction to Spreadsheets (VOTR)	4
CSYS	1150	Computer Repair & Upgrade I (hardware) (VOTR)	4			TWELVE Credit Hours of CIS Departmental Electives	12
CSYS	2150	Computer Repair & Upgrade II (hardware) (VOTR)	4				

**Courses That Can Be Completed at Either Institution**

	Subject	No.	Title	Hours
These required courses may be completed at either New Mexico Junior College (recommended) or at ENMU-Portales. A grade of C or better is necessary for these courses.	MATH	1220	College Algebra (required for BAAS)	3
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 NMJC.			NM General Education requirement (31-33 hours total)	Var.

**Bachelor of Applied Arts and Science in Computer Information Systems (Programming Design) at ENMU-Portales**

Subject	No.	Title	Hours	Subject	No.	Title	Hours
		Upper-Division Diversity/Global course	3	CS	234	Computer Science II	4
BCIS	301	Information Systems for Managers	3	CS	357	Data Structure	3
BCIS	315	Electronic Business Strategy, Architecture & Design	3			TWO of: BCIS 343, 420, 430, 435, 440, 460 -OR- CS 451	6
BCIS	316	Information Systems Security & Ethics	3			Electives to meet BAAS requirements *	Var.
CS	220	Discrete Mathematics for CS	3				
CS	123	Computer Science I	4				

**Minimum GPA Requirement: 2.0**

<b>Minimum hours of General Education Courses</b>	<b>31 *</b>	<b>NMJC AAS in Computer Information Systems</b>	<b>61</b>
<b>Minimum hours of Upper-Division Courses for BAAS Degree</b>	<b>18 *</b>	<b>ENMU-Portales Upper-Div Diversity/Global requirement</b>	<b>3 *</b>
<b>Minimum hours taken from ENMU-Portales (final 30 of 60)</b>	<b>30 *</b>	<b>ENMU-Portales BAAS in Computer Infor Sys (Programming Design)</b>	<b>Var.</b>
<b>Minimum hours for BAAS (Transferred + ENMU-Portales)</b>	<b>120 *</b>	<b>Electives if needed to meet requirements</b>	<b>Var.</b>

\* BAAS Degree Requirements

Total: Minimum 120 Credit Hours