

## ***ASSOCIATE OF APPLIED SCIENCE*** **COMPUTER INFORMATION SYSTEMS**

Students who graduate with a Computer Information Systems degree will possess the skills necessary to install and manage computer networks, configure and administrate servers, and provide software support. Computer hardware and network courses are based on certification-level instructional materials, computer security, web page design, and office suite software is included.

### ***YEAR ONE***

<b>FALL SEMESTER</b>			<b>SPRING SEMESTER</b>				
			<u>Credits</u>				<u>Credits</u>
CS***	Computer Science Elective	3-4	CS146	Advanced Computer Hardware	4		
CS144	Computer Hardware Systems	4	CS207	Computer Security	3		
EN111	College Composition	4	CS227	Networking Technologies	4		
ES101	Fitness & Wellness	2	EN112	Content Area Comp.& Research	<u>4</u>		
NA113	Native American Awareness	<u>1</u>					
<b>TOTAL</b>			<b>14-15</b>	<b>TOTAL</b>			<b>15</b>

### ***YEAR TWO***

<b>FALL SEMESTER</b>			<b>SPRING SEMESTER</b>				
			<u>Credits</u>				<u>Credits</u>
CS204	Web Page Design	3	CS221	Computer Programming	4		
CS225	Microsoft Desktop Operating Systems	3	CS222	Advanced Operating Systems	4		
CS231	Linux Administration		CS233	Advanced Routing	4		
CS232	Introduction to Routing	4	CS271	Cooperative Education	<u>5</u>		
MA***	Mathematics Elective	4					
	MA113, MA114, MA116, or MA206	<u>4</u>					
<b>TOTAL</b>			<b>18</b>	<b>TOTAL</b>			<b>17</b>

**Required credits for this curriculum = 64-65**