

**INFORMATION TECHNOLOGY – NETWORKING  
ASSOCIATE OF APPLIED SCIENCE  
Catalog 2005-2007**

The A.A.S. degree in Information Technology, emphasizing network development, is designed to provide students with a comprehensive review of computing and network technologies, as well as the training to sit for several industry exams including the Microsoft Certified Systems Administrator (MCSA) credential, Cisco Certified Network Administrator (CCNA) credential, and several CompTIA certifications. Students are strongly encouraged and/or may be required to pursue these certifications throughout their studies. It is highly recommended that students consult with an academic advisor prior to pursuing this degree. A student must earn a "C" or better in all courses for the course to count toward a degree.

				<b>Credit Hours</b>	<b>Grade</b>
<b>1st Semester</b>					
___	COSC	115	Introduction to Information Technology	3	_____
___	COSC	118	Computer Programming Fundamentals I with C++	3	_____
___	ENGL	111	Freshman Composition	3	_____
___	ITCT	111	A+ Hardware and Operating Systems	3	_____
___	MATH	115	Intermediate Algebra and Applications	4	_____
				Total 16 credits	
<b>2<sup>nd</sup> Semester</b>					
___	ENGL	218	Advanced Technical Composition	3	_____
___	ITCT	115	Network+	3	_____
___	ITCT	118	Server+	3	_____
___	ITCT	130	Microsoft Operating Systems I	3	_____
___	ITCT	131	Microsoft Operating Systems II	3	_____
___	SPCH	111	Interpersonal Communication <b>OR</b>		_____
___	SPCH	110	Public Speaking OR higher	3	_____
				Total 18 credits	
<b>3rd Semester</b>					
___	COSC	280	Cooperative Education	3	_____
___	ITCT	116	Linux +	3	_____
___	ITCT	132	Microsoft Operating Systems III	3	_____
___	ITCT	133	Microsoft Operating Systems IV	3	_____
___	ITCT	150	Cisco Network Administration I	3	_____
___	ITCT	151	Cisco Network Administration II	3	_____
				Total 18 credits	
<b>4th Semester</b>					
___	ITCT	152	Cisco Network Administration III	3	_____
___	ITCT	153	Cisco Network Administration IV	3	_____
___	ITCT	235	CIW Internet Security and Security+	3	_____
___	ITCT	280	Cooperative Education	3	_____
___	PHIL	115	Introduction to Ethics	3	_____
				Total 15 credits	

**Total Credit hours required for this degree is 67**

For detailed information, recent changes, or updates to this program please visit the Information Technology Program on the web at [www.sanjuancollege.edu/pages/2184.asp](http://www.sanjuancollege.edu/pages/2184.asp)