

# COURSE SYLLABUS

<b>Course Title:</b>	Windows Server Administration		<b>Date submitted:</b>	May 2019 (AAC: 19-25)
<b>Department:</b>	Business and Technology			
<b>Curriculum:</b>	Computer Information Systems			
<b>Course Descriptors:</b> Make certain that the course descriptors are consistent with college and Board of Trustees policies, and the current course numbering system.	<b>Course Code:</b> (eg. ACC 101)	CST*163	<b>Prerequisites:</b>	
	<b>Course Type:</b>	X	C- or better in Network Essentials I (CST*130) and Operating Systems (CST*210)	
	A: Clinical B: Lab D: Distance Learning I: Individual/Independent L: Lecture N: Internship M: Seminar P: Practicum U: Studio X: Combined Lecture/Lab Y: Combined Lecture/ Clinical/Lab Z: Combined Lecture/Studio			
	<b>Elective Type:</b>	G		
	AH: Art History E: English FA: Fine Arts FL: Foreign Language G: General HI: History HU: Humanities LAS: Liberal Arts & Sciences M: Math S: Science SS: Social Science			
	<b>Credit Hours:</b>	3	<b>Corequisites:</b>	
	<b>Developmental:</b> (yes/no)	No	None	
	Lecture:	1.5		
	Clinical:	0		
	Lab:	1.5		
Studio:	0			
<b>Contact Hours:</b>	Other:	0	<b>Other Requirements:</b>	
	TOTAL:		None	
<b>Class Maximum:</b>	24			
<b>Semesters Offered:</b>	F/Sp			
<b>Catalog Course Description:</b>	Introduces the student to Microsoft Windows Server. Students will learn the basics of installing, administrating and maintaining a Windows Server implementation. Administration of user and group accounts, Active Directory, network protocols and services such as virtual private networking, Routing and Remote Access Service, DHCP, DNS, backup, recovery and disaster planning will be covered.			
<b>Topical Outline:</b> List course content in outline format.	1. Installation of Windows Server 2. Windows Server file systems 3. NTFS Security 4. Installation and administration of Active Directory services 5. Create and administer user and group accounts, user and group policies 6. Network protocols and services supported by Windows Server 7. Enable and configure Routing and Remote Access Service 8. Backup and restoration of data. Implementation of a disaster recovery plan 9. Monitoring and optimizing performance of a Windows Server implementation			
<b>Outcomes:</b>	Upon successful completion of this course, the student will be able to do the following: <b>COURSE:</b> 1. Install, administer and maintain a Windows Server 2003 implementation;			

<p>Describe measurable skills or knowledge that students should be able to demonstrate as evidence that they have mastered the course content.</p>	<ol style="list-style-type: none"> <li>2. Create user and group accounts in Windows 2003;</li> <li>3. Install and configure Active Directory services;</li> <li>4. Identify network protocols and services supported by Windows Server 2003; and</li> <li>5. Implement a backup, recovery and disaster recovery plan.</li> </ol> <p><b>PROGRAM:</b> <i>(Numbering reflects Program Outcomes as they appear in the college catalog)</i>                  CIS: NETWORK ADMINISTRATION OPTION</p> <ol style="list-style-type: none"> <li>6. Install, administer and maintain a Windows Server network</li> <li>7. Develop and implement a backup, recovery and disaster recovery plan for a network</li> </ol> <p><b>GENERAL EDUCATION:</b> <i>(Numbering reflects General Education Outcomes as they appear in the college catalog)</i></p> <ol style="list-style-type: none"> <li>2. <b>Critical Analysis/ Logical Thinking</b> - Students will be able to organize, interpret, and evaluate evidence and ideas within and across disciplines; draw reasoned inferences and defensible conclusions; and solve problems and make decisions based on analytical processes.</li> </ol> <p><b>Demonstrates:</b> Identifies the issue(s); formulates an argument; explains and analyzes relationships clearly; draws reasonable inferences and conclusions that are logical and defensible; provides support by evaluating credible sources of evidence necessary to justify conclusions.</p> <p><b>Does Not Demonstrate:</b> Identifies few or no issues; formulates an argument without significant focus; provides an unclear explanation of analysis and relationships; drawing few reasonable inferences and conclusions that are illogical and indefensible; provides little to no support using credible sources of evidence necessary to justify conclusions.</p>
<p><b>Evaluation:</b> List how the above outcomes will be assessed.</p>	<p>Assessment will be based on the following criteria:</p> <ol style="list-style-type: none"> <li>1. Hands-on assignments, project, and case studies will demonstrate a student’s ability to install, administer and maintain a Windows Server network.</li> <li>2. Written examinations will demonstrate an understanding of major facts, procedures and theories.</li> <li>3. At least one assignment or project will be designated as an electronic portfolio piece for uploading to ePortfolio.org.</li> </ol>
<p><b>Instructional Resources:</b> List library (e.g. books, journals, on-line resources), technological (e.g. Smartboard, software), and other resources (e.g. equipment, supplies, facilities) required and desired to teach this course.</p>	<p>Required: Computer Lab , Microsoft Academic Alliance Software License.</p> <p>Desired:</p>
<p><b>Textbook(s)</b></p>	<p>Textbook: Refer to current academic year printout.</p>