



# Program Planning Guide

## Information Technology-Business Systems & Operations Support Associate in Applied Science Degree (A25590BS)

**Program Length:** 6 semesters

**Program Sites:** Lee Main Campus - Day Program with some evening courses available

**Career Pathway Options:** Associate in Applied Science Degree in Information Technology-Business Systems & Operations Support

Suggested Course Schedule		Class	Lab	Work	Credits	Notes:
<b>1st Semester (fall)</b>						
ACA 122	College Transfer Success	0	2	0	1	
CTI 110	Web. Pgm, & Db Foundation	2	2	0	3	
CTI 120	Network & SEC Foundation	2	2	0	3	
CTS 115	Info Sys Business Concepts	3	0	0	3	
CTS 120	Hardware/Software Support	2	3	0	3	
NOS 130	Windows Single User	2	2	0	3	
<b>Total Semester Hours</b>		11	11	0	16	
<b>2nd Semester (spring)</b>						
CIS 115	Intro to Prog & Logic	2	3	0	3	
CSC 113	Artificial Intelligence Fundamentals	2	2	0	3	
DBA 110	Database Concepts	2	3	0	3	
WEB 115	Web Markup & Scripting	2	3	0	3	
Mathematics requirement, select one:						
MAT 143	Quantitative Literacy	2	2	0	3	
MAT 171	Precalculus Algebra	3	2	0	4	
<b>Total Semester Hours</b>		10/11	13	0	15/16	
<b>3rd Semester (summer)</b>						
ENG 111	Writing & Inquiry	3	0	0	3	
<b>Total Semester Hours</b>		3	0	0	3	



<b>4th Semester (fall)</b>						
NOS 230	Windows Administration I	2	2	0	3	
SEC 110	Security Concepts	2	2	0	3	
Programming Elective, select one:						
CSC 134	C++ Programming	2	3	0	3	
CSC 139	Visual BASIC Programming	2	3	0	3	
CSC 151	JAVA Programming	2	3	0	3	
Technical Elective, select one:						
CIS 110	Intro to Computers	2	2	0	3	
CSC 134	C++ Programming	2	3	0	3	
CSC 139	Visual BASIC Programming	2	3	0	3	
CSC 151	JAVA Programming	2	3	0	3	
CTI 140	Virtualization Concepts	1	4	0	3	
	<b>Total Semester Hours</b>	7/8	9/10/11	0	12	
<b>5th Semester (spring)</b>						
CTI 289	CTI Capstone Project	1	6	0	3	
DBA 120	Database Programming I	2	2	0	3	
NOS 120	Linux/UNIX Single User	2	2	0	3	
WEB 151	Mobile Applications Devl	2	2	0	3	
Social/Behavioral Science Elective		3	0	0	3	
	<b>Total Semester Hours</b>	10	12	0	15	
<b>6th Semester (summer)</b>						
Humanities/Fine Arts Elective		3	0	0	3	
Communications Elective		3	0	0	3	
	<b>Total Semester Hours</b>	6	0	0	6	

**Total Semester Hours Credit required for Graduation: 67**