

Computer Technology Associate in Applied Science - Systems Administration Concentration

Preferred Sequence (Fall semester start)

FIRST SEMESTER		HOURS
COL 111	E-Learning Success	1
COL 105	Freshman Seminar	3
CPT 113	Information Systems	3
ENG 101	English Composition I	3
Select one of the following:		3
MAT 120	Probability and Statistics ¹	
MAT 103	Quantitative Reasoning	
MAT 109	College Algebra With Modeling	
Higher college transferable math		
	Total Semester Hours	13
SECOND SEMESTER		
IST 220	Data Communications	3
CPT 257	Operating Systems	3
CPT 170	Microcomputer Applications	3
CPT 168	Programming Logic and Design	3
	Total Semester Hours	12
THIRD SEMESTER		
IST 190	LINUX Essentials	3
IST 110	Intro to Cyberspace and Cybersecurity	3
CPT 209	Computer Systems Management	3
	Total Semester Hours	9
FOURTH SEMESTER		
IST 191	LINUX System Administration	3
IST 257	LAN Network Server Technologies	3
IST 266	Internet and Firewall Security	3
Select one of the following:		3
SPC 205	Public Speaking	
SPC 208	Intercultural Communication	
SPC 209	Interpersonal Communication	
	Total Semester Hours	12
FIFTH SEMESTER		
IST 198	Cloud Essentials	3
IST 258	LAN Directory Services	3
IST 272	Relational Database	3
CPT 267	Technical Support Concepts	3
	Total Semester Hours	12
SIXTH SEMESTER		
CPT 264	Systems & Procedures	3
Social Science Elective		3
Humanities Elective		3
	Total Semester Hours	9
	Total Required Credit Hours	67

¹ Preferred Course