

GREENVILLE TECHNICAL COLLEGE

Computer Technology Department

Associate of Applied Science Degree in Computer Technology - Network Administration Concentration (AAS.CPT.NET)

Fall 2018

Student's Name: _____

Student ID: _____

Advisor: _____

Department Head Approval: _____

Course #	Name of Course	Prerequisites	Term	Grade	Credit
First Term					
CPT 113	Information Systems	Placement into MAT 032 and placement into RDG 100			3
IST 220	Data Communications	Placement into MAT 101 and ENG 101			3
CPT 257	Operating Systems	Placement into MAT 101 and ENG 101			3
ENG 101	English Composition I	Satisfactory placement in writing or completion of ENG 100 and satisfactory placement in reading or completion of RDG 100, or completion of RWR 100			3
MAT 103 or MAT 109 or MAT 120 or higher college transfer math	Quantitative Reasoning, or College Algebra with Modeling, or Probability and Statistics, or higher college transfer math	MAT 102 (MAT 101 for MAT 120) or satisfactory placement into one of the listed MAT courses or higher math, plus placement into RDG 100 or higher			3
Second Term					
CPT 170	Microcomputer Applications	(CPT placement score) or (successful completion of COL 107) or (placement into MAT 101 or higher and placement into ENG 101)			3
CPT 209	Computer Systems Management	Placement into MAT 101 or higher and ENG 101			3
CPT 230	C# Programming I	CPT 113 and MAT 102 or higher and CPT 257			3
SPC 205 or SPC 209	Public Speaking or Interpersonal Communication	ENG 101 or ENG 165 (same prerequisites for both courses)			3
IST 201	Cisco Networking Concepts	IST 220 and placement into MAT 102 or higher			3
Third Term					
IST 226	Internet Programming	Placement into MAT 032 and RDG 100			3
CPT 267	Technical Support Concepts	CPT 209, CPT 257, IST 220			3
IST 272	Relational Database	CPT 170 or CPT 113, MAT 102 or higher			3
IST 202	Cisco Router Configuration	IST 201 and MAT 102 or higher			3
Fourth Term					
IST 266	Internet and Firewall Security	IST 220 or IST 201 and CPT 257			3
CPT 264	Systems and Procedures	CPT 230 or IST 272			3
IST 203	Advanced Cisco Router Configuration	IST 202			3
IST 295	Fundamentals of Voice Over IP	IST 201, Co-requisite: IST 202 (required)			3
Humanities Requirement	Humanities choice				3
Fifth Term					
CPT 275	Computer Technology Senior Project	CPT 264; IST 203 or IST 235 or IST 258 or IST 278; SPC 205 or SPC 209 and MAT 103 or MAT 109 or MAT 120 or higher math			3
IST 204	Cisco Troubleshooting	Co-requisite: IST 203 (required)			3
Technical Elective ^(A)	choose one course from list below				3
Social Science Requirement	Social Science choice				3

TOTAL CREDIT HOURS REQUIRED FOR THE PROGRAM

69

(A) - Technical Elective Courses

Course #	Name of Course	Prerequisites	Term	Grade	Credit
IST 190	IST 190 Linux Essentials	CPT 257			3
IST 257	IST 257 LAN Network Server Technologies	CPT 257			3
CPT 236	CPT 236 Introduction to JAVA Programming	CPT 230			3
CPT 239	CPT 239 Active Server Pages	CPT 231 and IST 226 and IST 272			3
CPT 283	CPT 283 PHP Programming I	CPT 230 and IST 226 or IST 237 and IST 272			3