

GREENVILLE TECHNICAL COLLEGE
Computer Technology Department
Associate of Applied Science Degree in Computer Technology - Network Administration Concentration (AAS.CPT.NET)
2021-2022 Catalog

Student's Name: _____

Student ID: _____

Advisor: _____

Department Head Approval: _____

Course #	Name of Course	Prerequisites	Term	Grade	Credit
First Term					
COL 105	Freshman Seminar	Placement into RDG 032 or higher			3
CPT 113	Information Systems	Placement into MAT 100 and placement into RDG 100			3
CPT 257	Operating Systems	Placement into ENG 101 and placement into MAT 105 or higher			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 105 or satisfactory placement into one of the listed MAT courses or higher math, plus placement into RDG 100 or higher			3
Second Term					
IST 220	Data Communications	Placement into ENG 101 and placement into MAT 105 or higher			3
CPT 168	Programming Logic and Design	CPT 113, CPT 257, and placement in MAT 105 or higher			3
CPT 170	Microcomputer Applications	CPT placement score or successful completion of COL 107; or placement into MAT 105 or higher and placement into ENG 101			3
CPT 209	Computer Systems Management	Placement into ENG 101 and placement into MAT 105 or higher			3
Third Term					
IST 110	Intro to Cyberspace and Cybersecurity	AOT 162 or CPT 270 or IST 220			3
IST 201	Cisco Internetworking Concepts	IST 220 and placement into MAT 105 or higher			3
SPC 205 or SPC 208 or SPC 209	Public Speaking or Intercultural Communication or Interpersonal Communication	ENG 101 or ENG 165 (same prerequisites for both courses)			3
Fourth Term					
IST 202	Cisco Router Configuration	IST 201 and placement into MAT 105 or higher			3
IST 295	Fundamentals of Voice Over IP	IST 201, Co-requisite: IST 202 (required)			3
IST 266	Internet and Firewall Security	Co-requisite: IST 110 (required)			3
IST 272	Relational Database	CPT 113 or CPT 170, Placement into MAT 109, 110, 120 or higher or college transferable math			3
Social Science Requirement	Social Science choice				3
Fifth Term					
IST 203	Advanced Cisco Router Configuration	IST 202			3
Technical Elective*	Technical Elective *	Technical elective specific			3
CPT 264	Systems and Procedures	CPT 168 or IST 272			3
Humanities Requirement	Humanities choice				3
Sixth Term					
IST 204	Cisco Troubleshooting	Co-requisite: IST 203 (required)			3
CPT 267	Technical Support Concepts	CPT 209, CPT 257, IST 220			3
CPT 275	Computer Technology Senior Project	CPT 264 and CPT 231 or CPT 237 or IST 203 or IST 204 or IST 258 or IST 191 or IST 292 or IST 294; and SPC 205, SPC 208 or SPC 209; and MAT 103 or MAT 109 or MAT 120 or higher math			3

TOTAL CREDIT HOURS REQUIRED FOR THE PROGRAM

72

*** Technical Electives**

Course #	Name of Course	Prerequisites	Term	Grade	Credit
CPT 230	C# Programming I	CPT 113 and CPT 168			3
IST 190	LINUX Essentials	CPT 257 and IST 220			3
IST 226	Internet Programming	AOT 162 or CPT 170 or CPT 257			3
IST 257	LAN Network Server Technologies	CPT 257 and IST 220			3
IST 267	Network Vulnerability Assessment	IST 110, IST 266			3
IST 278	Database Programming	IST 272 and MAT 105 or higher			3
IST 291	Fundamentals of Network Security I	IST 110, IST 266			3
IST 293	IT and Data Assurance I	IST 110			3