

GREENVILLE TECHNICAL COLLEGE
Computer Technology Department
Associate of Applied Science Degree in Computer Technology
Fall 2015

Student's Name:

Student ID:

Advisor:

Department Head Approval:

Course #	Name of Course	Prerequisites	Term	Grade	Credit
First Term					
CPT 170 (formerly CPT 101)	Introduction to Computers	CPT placement score or successful completion of COL 107; plus placement into MAT 101 or higher and placement into RDG 100			3
CPT 113	Information Systems	Placement into MAT 032 and placement into RDG 100			3
CPT 209	Computer Systems Management	Placement into MAT 101 or higher			3
CPT 257	Operating Systems	Placement into MAT 101 or higher			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 or satisfactory placement into one of the listed MAT courses or higher math			3
IST 220	Data Communications	Placement into MAT 101 or higher			3
Second Term					
ENG 101	English Composition I	Satisfactory placement in writing or completion of ENG 100 <u>and</u> satisfactory placement in reading or completion of RDG 100			3
CPT/IST Elective #1	choose from one track below				3
CPT/IST Elective #2	choose from one track below				3
CPT 230	C# Programming I	CPT 101 or CPT 170 or CPT 113; MAT 102 or higher			3
CPT 267	Technical Support Concepts	CPT 209 and CPT 257			3
Third Term					
IST 272	Relational Database	CPT 101 or CPT 170 or CPT 113 and MAT 102 or higher			3
CPT/IST Elective #3	choose from one track below				3
CPT/IST Elective #4	choose from one track below				3
SPC 205 or SPC 209	Public Speaking or Interpersonal Communication	ENG 101 or ENG 165 (same prerequisites for both courses)			3
CPT 264	Systems and Procedures	CPT 186 or CPT 187 or CPT 230 or IST272			3
Fourth Term					
Humanities	Humanities choice				3
Social Science	Social Science choice				3
IST 266	Internet and Firewall Security	IST 220			3
CPT/IST Elective #5	choose from one track below				3
CPT 275	Computer Technology Senior Project	CPT 264; IST 278 or IST 235 or IST 203 or IST 258; SPC 205 or SPC 209; and MAT 103 or MAT 109 or MAT 120 or higher			3

TOTAL CREDIT HOURS REQUIRED FOR THE PROGRAM

63

See the CPT/IST Elective Tracks on the next page >>>

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CPT/IST Elective Tracks

* Student must chose one CPT/IST Elective Track and complete five (5) courses from that track.

Track	Name of Course	Prerequisites	Term	Grade	Credit
CPT/IST Elective Track: Network Administration Track Take all five (5) courses:	IST 201 Cisco Networking Concepts	IST 220; placement in MAT 102 or higher			3
	IST 202 Cisco Router Configuration	IST 201			3
	IST 203 Advanced Cisco Router Configuration	IST 202			3
	IST 204 Cisco Troubleshooting	IST 203			3
	IST 295 Fundamentals of Voice Over IP	IST 201; Corequisite: IST 202			3

CPT/IST Elective Track: Programming Track Choose five (5) courses:	IST 226 Internet Programming	Placement into MAT 032 and RDG 100			3
	CPT 239 Active Server Pages	CPT 186 or CPT 187 or CPT 230 and IST 226 or IST 237			3
	OR CPT 283 PHP Programming I	CPT 186 or CPT 187 or CPT 230 and IST 226 or IST 237			
	CPT 236 Introduction to JAVA Programming	CPT 186 or CPT 187 or CPT 230			3
	IST 239 DTML and JavaScript	CPT 186 or CPT 187 or CPT 230 and IST 226 or IST237			3
	IST 278 Database Programming OR	IST 272 and MAT 102 or higher and CPT 186 or CPT 187 or CPT 230			3
	IST 235 Handheld Computer Programming	CPT236 and IST 226 or IST237			

CPT/IST Elective Track: Systems Administration Track Take all five (5) courses:	IST 190 Linux Essentials	CPT 257			3
	IST 257 LAN Network Server Technologies	CPT 257			3
	IST 258 LAN Directory Services	IST 257			3
	IST 201 Cisco Networking Concepts	IST 220; placement in MAT 102 or higher			3
	IST 202 Cisco Router Configuration	IST 201			3