

GREENVILLE TECHNICAL COLLEGE

Computer Technology Department

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

Fall 2016

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 or higher			3
CPT 257	Operating Systems	Placement into MAT 101 or higher			3
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
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
Second Term					
CPT 170	Microcomputer Applications	CPT placement score or successful completion of COL 107; plus placement into MAT 101 or higher and placement into RDG 100			3
CPT 209	Computer Systems Management	Placement into MAT 101 or higher			3
CPT 230	C# Programming I	(CPT 101 or CPT 170 or CPT 113); MAT 102 or higher			3
SPC 205 or SPC 209	Public Speaking or Interpersonal Communication	ENG 101 or ENG 165 (same prerequisites for both courses)			3
IST 190	Linux Essentials	CPT 257			3
Third Term					
IST 226	Internet Programming	Placement into MAT 032 and RDG 100			3
CPT 267	Technical Support Concepts	CPT 209 and CPT 257			3
IST 272	Relational Database	(CPT 101 or CPT 170 or CPT 113) and MAT 102 or higher			3
IST 257	LAN Network Server Technologies	CPT 257			3
Fourth Term					
IST 266	Internet and Firewall Security	IST 220			3
CPT 264	Systems and Procedures	CPT 186 or CPT 187 or CPT 230 or IST272			3
IST 191	Linux System Administration	IST 190			3
IST 258	LAN Directory Services	IST 257			3
Humanities Requirement	Humanities choice				3
Fifth Term					
CPT 275	Computer Technology Senior Project	CPT 264; IST 258; IST 191; (SPC 205 or SPC 209); (MAT 103 or MAT 109 or MAT 120 or higher)			3
IST 198	Cloud Essentials	CPT 257, IST 220, IST 190, IST 257; Corequisite: IST 258 and IST 191			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 201	Cisco Networking Concepts	IST 220; placement in MAT 102 or higher			3
CPT 236	CPT 236 Introduction to JAVA Programming	CPT 186 or CPT 187 or CPT 230			3
CPT 239	CPT 239 Active Server Pages	(CPT 186 or CPT 187 or CPT 230) and (IST 226 or IST 237)			3
CPT 283	CPT 283 PHP Programming I	(CPT 186 or CPT 187 or CPT 230) and (IST 226 or IST 237)			3