

GREENVILLE TECHNICAL COLLEGE
Computer Technology Department
Associate of Applied Science Degree in Computer Technology - Programming Concentration (AAS.CPT.PRG)
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 226	Internet Programming	Placement into MAT 032 and RDG 100			3
Third Term					
Programming Course ^(A)	choose course from concentration list				3
Programming Course ^(A)	choose course from concentration list				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
Fourth Term					
Programming Course ^(A)	choose course from concentration list				3
Programming Course ^(A)	choose course from concentration list				3
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
Humanities Requirement	Humanities choice				3
Fifth Term					
CPT 275	Computer Technology Senior Project	CPT 264; (IST 237 or IST 278); (SPC 205 or SPC 209); (MAT 103 or MAT 109 or MAT 120 or higher)			3
Programming Course ^(A)	choose course from concentration list				3
Technical Elective ^(B)	choose course from technical elective list				3
Social Science Requirement	Social Science choice				3

TOTAL CREDIT HOURS REQUIRED FOR THE PROGRAM

69

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(A) - Concentration Courses

Take five (5) courses; two or more courses must be advanced programming courses (*):					
Course #	Name of Course	Prerequisites	Term	Grade	Credit
CPT 236	Introduction to JAVA Programming	CPT 186 or CPT 187 or CPT 230			3
CPT 239	Active Server Pages	(CPT 186 or CPT 187 or CPT 230) and (IST 226 or IST 237)			3
CPT 283	PHP Programming I	(CPT 186 or CPT 187 or CPT 230) and (IST 226 or IST 237)			3
CPT 231	C# Programming II *	CPT 230			3
CPT 237	Advanced Java programming *	CPT 236			3
IST 235	Handheld Computer Programming *	CPT 236 and (IST 226 or IST237)			3
IST 239	DTML and JavaScript *	(CPT 186 or CPT 187 or CPT 230) and (IST 226 or IST237)			3
IST 278	Database Programming *	(IST 272 and MAT 102 or higher) and (CPT 186 or CPT 187 or CPT 230)			3

(B) - Technical Elective Courses

Course #	Name of Course	Prerequisites	Term	Grade	Credit
IST 190	Linux Essentials	CPT 257			3
IST 201	Cisco Networking Concepts	IST 220; placement in MAT 102 or higher			3
IST 257	LAN Network Server Technologies	CPT 257			3
Additional Programming Course ^(A)	choose course from concentration list				3