

GREENVILLE TECHNICAL COLLEGE
Computer Technology Department
Associate of Applied Science Degree in Computer Technology - Programming Concentration (AAS.CPT.PRG)
Fall 2019

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 100 and placement into RDG 100			3
IST 220	Data Communications	Placement into ENG 101 and placement into MAT 105 or higher			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					
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
CPT 230	C# Programming I	CPT 113, CPT 257, and MAT 105 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 ENG 101 and placement into MAT 105 or higher			3
Third Term					
CPT 231	C# Programming II	CPT 230; co-requisite IST 272 required			3
IST 239 OR Programming Elective ***	Datum and JavaScript OR Programming Elective ***	CPT 230 and IST 226			3
CPT 267	Technical Support Concepts	CPT 209, CPT 257, IST 220			3
IST 272	Relational Database	CPT 170 or CPT 113, MAT 105 or higher			3
Fourth Term					
CPT 239	Active Server Pages	CPT 230 and IST 226 and IST 272			3
CPT 278	Database Programming	IST 272 and MAT 105 or higher			3
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
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
Programming Elective ***	See list at end of this sheet				3
Technical Elective ** OR Programming Elective ***	Choose CPT/IST elective from one of the other concentrations OR another Programming Elective ***				3
Social Science Requirement	Social Science choice				3

TOTAL CREDIT HOURS REQUIRED FOR THE PROGRAM

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Programming Electives ***

Course #	Name of Course	Prerequisites	Term	Grade	Credit
CPT 236	Introduction to JAVA Programming	CPT 230			3
CPT 237	Advanced Java programming	CPT 236			3
CPT 283	PHP Programming I	CPT 230 and IST 226 and IST 272			3
IST 239	Datum and JavaScript	CPT 230 and IST 226			3

Technical Electives **

Course #	Name of Course	Prerequisites	Term	Grade	Credit
IST 110	Intro to Cyperspace and Cybersecurity	IST 266 (co-requisite required)			3
IST 190	Linux Essentials	CPT 257			3
IST 201	Cisco Networking Concepts	IST 220 and placement into MAT 105 or higher			3
IST 257	LAN Network Server Technologies	CPT 257			3