

Proposed Draft - October 2021

Computer Programming AAS

Semester 1 Recommendations

Course	Course Title	Credits	Notes
CPTR1001	Introduction to Programming and Scripting	3	
CPTR1106	Microcomputer Databases	3	
CSCI1110	Informatics	3	
CPTR2224	Linux I	3	Replacing Visual Basic Programming 1
MnTc GA-4	General Education course	3	Goal area 4: Mathematical/Logical Reasoning

Semester 2 Recommendations

Course	Course Title	Credits	Notes
CPTR1115	COBOL Programming	4	
CPTR2001	Scripting for Automation	3	Replacing Web Engineering – cored w/ IT AS & IT DBA AAS
CPTR2230	Structured Query Language	3	
CPTR2242	Java Programming	3	
ENGL1110	College Writing	3	

Semester 3 Recommendations

Course	Course Title	Credits	Notes
CSCI1121	Computer Science I	4	
CPTR1129	RPG Programming	4	
	Technical Electives	6	

Semester 4 Recommendations

Course	Course Title	Credits	Notes
CPTR2238	Database Integration	3	Capstone course - Check outcomes with Advisory Board
CPTRxxx	Software Security and Testing	3	New class – replaces Mobile App Development
COMM1120 or COMM1130 Or COMM1140	Introduction to Public Speaking Small Group Communications Interpersonal Communications	3	
MnTc	General Education w/MnTC Goals	6	