Computer Programming AAS – Fall 2022

<mark>NOTE 1: Classes with a pre-requisite requirement are listed below in **red**. Classes listed with a "pre/co"–requisites are noted below in **blue**, all have CPTR prefixes unless specifically stated with the course number.</mark>

NOTE 2: Students should take the courses in the order given if it fits with the semester they are registering for. So, if they want to take only 2 classes, they should take CPTR1001 and CPTR1006, etc. if wanting more. If they are registering for a particular semester and need a course that is not offered that semester go to the next available course if the pre/co- requisite is met.

NOTE 3: Any course that does not have a pre/co- requisite can be taken at any time that it is offered if the student needs another course to fill out their course schedule.

Semester 1 Recommendations

Course	Course Title	Credits	Notes
CPTR1001	Introduction to Programming and Scripting	3	Fall - Spring
CPTR1106	Microcomputer Databases	3	Fall - Spring
CSCI1110	Informatics	3	Fall - Spring
CPTR2224	Linux I	3	Fall - Spring
MnTc GA-4	General Education course	3	

Semester 2 Recommendations

Course	Course Title		Credits	Notes
CPTR1115	COBOL Programming		4	Spring – offered online only
CPTR2001	Scripting for Automation	**1001**	3	Spring – you will find this on the "Moorhead" schedule, but it is set up HyFlex so online students can take it.
CPTR2230	Structured Query Language	**1106**	3	Spring – you will find this on the "Moorhead" schedule, but it is set up HyFlex so online students can take it.
CPTR2242	Java Programming		3	Fall – offered online.
ENGL1110	College Writing		3	

Semester 3 Recommendations

Course	Course Title	Credits	Notes
CSCI1121	Computer Science I	4	Fall – offered online only
CPTR1129	RPG Programming	4	Fall – you will find this on the "Moorhead" schedule, but it is set up HyFlex so online students can take it.
	Technical Electives – CPTR, CSCI or CSEC	6	Excludes CPTR1004

Semester 4 Recommendations

Course	Course Title		Credits	Notes
CPTR2238	Database Integration	**2001, 2230**	3	Spring – you will find this on the "Moorhead" schedule, but it is set up HyFlex so online students can take it.
CPTR2255	Software Security and Testing	**2001, 2230**	3	Spring – you will find this on the "Moorhead" schedule, but it is set up HyFlex so online students can take it.
COMM1120 or COMM1130 Or COMM1140	Introduction to Public Speaking Small Group Communications Interpersonal Communications		3	
MnTc	General Education w/MnTC Goals		6	