

**COMPUTER PROGRAMMING – AAS DEGREE**  
**\*\*\* Effective Spring 2017 \*\*\***

**NOTE: The schedules below are tentative and subject to change based on enrollment.**

The yellow highlighting below indicates that the course has no prerequisite and that it could be taken by any first year / first semester student.

**FIRST YEAR**  
**First Semester**

<u>Title</u>	<u>No.</u>	<u>Cr.</u>	<u>Schedules</u>
<b>Web Engineering I</b>	CPTR1170	3	Fall - online, Mhd Spring - online
<b>Informatics</b>	CSCI1110	3	Fall - online, Mhd Spring – online, Mhd
<b>Visual Basic Programming I</b>	CPTR1110	3	Fall – Mhd Spring - online
<b>Microcomputer Database ****</b> <b>****MUST be taken 1<sup>st</sup> semester for sequencing</b>	CPTR1106	3	Fall - online, Mhd Spring – online, Mhd
<b>***Gen Ed (MN TX category 4)</b>		<u>3</u> 15	

**Second Semester**

<u>Title</u>	<u>No.</u>	<u>Cr.</u>	<u>Comments</u>
<b>Intro to Programming and Scripting</b>	CPTR1001	3	Fall - online Spring – online
<b>SQL (*CPTR1106)</b>	CPTR2230	3	Fall - online Spring – online
<b>Java Programming ****</b> <b>****MUST be taken during year 1 for sequencing</b>	CPTR2242	3	Fall – online Spring - Mhd
<b>COBOL Programming</b>	CPTR1115	4	<b>SPRING ONLY – online schedule</b>
<b>***College Writing</b>	ENGL1101	<u>3</u> 16	

**SECOND YEAR**  
**First Semester**

<u>Title</u>	<u>No.</u>	<u>Cr.</u>	<u>Comments</u>
<b>Computer Science I</b>	CSCI1121	4	<b>FALL ONLY – online schedule</b>
<b>RPG Programming</b>	CPTR1129	4	<b>FALL ONLY – MHD sch – telepresence room</b>
<b>##Technical Elective</b>		<u>6</u> 14	

**Second Semester**

<u>Title</u>	<u>No.</u>	<u>Cr.</u>	<u>Comments</u>
<b>Database Integration</b> (*CPTR2230 and CPTR2242)	CPTR2238	3	<b>SPRING ONLY – MHD sch-telepresence room</b>
<b>Mobile Application Development</b> (*CPTR2242)	CPTR2000	3	<b>SPRING ONLY – online schedule</b>
<b>***Intro to Public Speaking</b>	COMM1120	3	
<b>OR Small Group Communication</b>	COMM1130		
<b>OR Interpersonal Communication</b>	COMM1140		
<b>***MnTC General Education Elective</b>		<u>6</u> 15	

\* Pre-requisite  
 \*\*Co-requisite

4/5/2017

60 total credits

Final GPA \_\_\_\_\_

## Technical Electives can be from the following courses: CPTR, CSEC, CSCI, CTEC, CVNP, INTD, ITSS, WEBD.  
 (excluding CPTR1100, CPTR1104 and WEBD1010)

\*\*\* General Education electives can be from any MnTC category.