

# PBSC Follow *to* Finish

To stay on track, follow the sequence and complete on time!



## ASSOCIATE IN SCIENCE > Career Pathway: Science, Technology, Engineering, Mathematics Computer Programming AS

	Credits	CREDIT CERTIFICATES	
		C1	C2
<b>Year 1 Fall Term</b>	<b>15</b>		
COP1000 Introduction to Programming	3		
CNT2000 Network Technologies	3		
CTS2120 Security Essentials	3		
CGS1100 Microcomputer Applications	3		
Any MAC prefix course from Mathematics - Area III	3		
<b>Spring Term</b>	<b>15</b>		
CTS2301 Linux Fundamentals	3		
Programming Languages*	6		
COP2700 Introduction to Database	3		
CIS2321 Systems Analysis and Design	3		

**Note:** \*Must pick 9 credits of approved Programming Language Electives for the Computer Programming Specialist CCC.

	Credits	CREDIT CERTIFICATES	
		C1	C2
<b>Year 2 Fall Term</b>	<b>15</b>		
CIS2513 Information Technology Project Management	3		
Business/Computer Elective	3		
Programming Languages*	6		
ENC1101 College Composition 1	3		
<b>Spring Term</b>	<b>15</b>		
Any course from Social Science Area V	3		
Any course from Humanities Area II	3		
Programming Language	3		
Business/Computer Elective	3		
SPC1017 Fundamentals of Speech Communication	3		

**Total Program Credits: 60**



### Milestone Courses:

Take these courses in the proper order, they are the first priority for this pathway.



Course to earn a Micro-credential (or certificate) which verify, validate and attest that specific skills and/or competencies have been achieved.



Make regular appointments with an advisor to keep on track.

### Certifications:

**C1: Programming CCC 33cr**

**C2: Computer Programming Specialist CCC 18cr**