



# IT: Computer Programming and Development A25590P

2024-2025 Academic Year

Coordinator: Dr. Bill Sypawka - Phone: 252-493-7430 - Email:bsypawka@email.pittcc.edu

Student Name: \_\_\_\_\_  
 Advisor: \_\_\_\_\_  
 Phone: \_\_\_\_\_

Anticipated Graduation Date: \_\_\_\_\_  
 Email: \_\_\_\_\_  
 Office Location: \_\_\_\_\_

Fall I							
Prefix	No	Title	Class	Lab	Clinic	Credit	Course Prerequisites
CIS	110	Introduction to Computers	2	2	0	3	None
CTI	110	Web, Pgm, & DB Foundation ▲	2	2	0	3	None
CTI	120	Network & Sec Foundation ▲	2	2	0	3	None
CTS	115	Information Systems Business Concepts	3	0	0	3	None
Elective	1	College Success	1	0	0	1	None
Elective	2	Natural Science/Mathematics	2	2	0	3	See Catalog
<b>Total Recommended Hours</b>			<b>12</b>	<b>8</b>	<b>0</b>	<b>16</b>	

Spring I							
CSC	120	Computing Fundamentals 1 ▲	2	3	0	4	See Catalog
CSC	153	C# Programming ▲	2	3	0	3	None
CSC	121	Python Programming	2	3	0	3	None
CTS	288	Professional Practices in IT	2	2	0	3	None
DBA	110	Database Concepts	2	3	0	3	CTI 110
<b>Total Recommended Hours</b>			<b>10</b>	<b>14</b>	<b>0</b>	<b>16</b>	

Summer I							
ENG	111	Writing and Inquiry	3	0	0	3	See Catalog
Elective	3	Communication ( <b>Recom: COM 231</b> )	3	0	0	3	See Catalog
<b>Total Recommended Hours</b>			<b>6</b>	<b>0</b>	<b>0</b>	<b>6</b>	

Fall II							
CSC	253	Advanced C# Programming	2	3	0	3	CSC 153
CSC	151	JAVA Programming	2	3	0	3	None
CSC	221	Advanced Python Programming	2	3	0	3	CSC 121
CTS	240	Project Management	2	2	0	3	None
DBA	120	Database Programming I	2	2	0	3	DBA 110
Elective	6	WBL 111 or CSC134▲▲	0	0	10	1	See Catalog
<b>Total Recommended Hours</b>			<b>10</b>	<b>10</b>	<b>10</b>	<b>16</b>	

Spring II							
CSC	251	Advanced JAVA Programing	2	3	0	3	CSC 151
CSC	289	Programming Project	1	4	0	3	CTI 110 AND CTI 120 AND CTS 115
CTS	285	Systems Analysis & Design	3	0	0	3	CSC 121 OR CSC 134 OR CSC 151 OR CSC 153
Elective	4	Social/Behavioral ( <b>Recom: PSY 150</b> )	3	0	0	3	See Catalog
Elective	5	Humanities/Fine Arts	3	0	0	3	See Catalog
Elective	6	WBL 121 or CSC134▲▲	0	0	10	1	See Catalog
<b>Total Recommended Hours</b>			<b>11</b>	<b>9</b>	<b>10</b>	<b>16</b>	
<b>Total Program Hours</b>			<b>52</b>	<b>41</b>	<b>20</b>	<b>70</b>	

Program Option/Electives	
Elective 1	- ACA 111 or ACA 122
Elective 2	- MAT 121 OR MAT 143 OR MAT 171
Elective 3	- COM 231 or ENG 112
Elective 4	- ECO 251, POL 120, PSY 150, OR SOC 210
Elective 5	- ART 111, MUS 110 OR PHI 240
Elective 6	- (WBL 111 and WBL 121 combined) or CSC134 ▲▲
<b>Program's highest developmental courses that MUST be completed</b>	
Placement scores determine required courses	
<b>Notes:</b>	
▲ Key courses for first year students.	
▲▲ CSC 134 can be taken in place of WBL 111 and WBL 121 in Summer I.	