



PVCC CURRICULUM SHEET 2020-2021

**Programming Concepts
Career Studies Certificate**
Code: 221-299-31

Student Name: _____ Student ID Number: _____

| DEVELOPMENTAL COURSES (IF APPLICABLE) | REQUIRED COURSES | COURSE DESCRIPTION | CREDITS | PLAN TO TAKE | GRADE |
|---------------------------------------|------------------|---|---------|--------------|-------|
| | ITP 232 | C++ Programming II | 3 | | |
| | ITP 225 | Web Scripting Languages | 3 | | |
| | ITN 126 | Internet of Things and Big Database Analytics | 3 | | |
| | ITD 132 | Structured Query Language | 3 | | |
| | ITN 101 | Introduction to Network Concepts | 4 | | |

Total Minimum Credits to Complete the Career Studies Certificate in Fundamentals of Programming = 16
