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| Student Name (First Last):       Staff Initials:       Date:       |
| Computer Programming AAT Degree  |
| Associate of Applied Technologies Degree (AAT)  |
| **Admissions Date:** Fall, and Spring quarters. |
| **Instructor Contact email:** kenneth.meerdink@cptc.edu **- or -** joseph.ortiz@cptc.edu**Program Counselor:** Annemarie.solbrack@cptc.edu |
| **Prerequisites:** **Completion of ENG 94 or equivalent, and Completion of MAT 94 or placement equivalency. Also requires competencies with personal computers and Windows-based word processing and spreadsheet software**. Touch typing proficiency of 35 words per minute is recommended.  |
| AAT Required General Education Courses |  | **Credits** | **Quarter****Taken** |
| COLL 102 College Success For All (required to be completed 1st or 2nd quarter) |  3 |        |
| ENGL& 101 English Composition, **or** CMST& 220 Public Speaking ***(pre-req ENG 094 or equivalent)*** | 5 |       |
| PSYC& 100DIV , **or** SOC& 101DIV , **or** PSY 112DIV ***(pre-req ENG 094 or equivalent)*** | 5 |       |
| MATH& 141 Pre-calculus I, -or- MATH& 146 Intro to Stats. *or higher* ***(pre-req MAT 099 or equivalent)*** | 5 |       |
|  ***AAT Required General Education Courses Total Credits*** | ***18*** |  |
| ***!!Note-******Students must take all three CPW courses listed in each quarter together in order to stay in sequence in the program.*** |
| Programming Technical Courses | **Credits** | **Quarter Taken** |
| **Qtr. 1**Fall/Spring      |  CPW 101CL Programming Fundamentals  | 5 |       |
|  CPW 118 Web Design Principles | 5 |       |
|  CPW 150 Principles of Relational Databases | 5 |       |
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| **Qtr. 2**Summer/Winter     |  CPW 142 Java Object-Oriented Programming I **(Pre-Req: CPW 101 and MAT 94 Intro to Algebra)** | 5 |       |
|  CPW 223 Introduction to JavaScript **(Pre-Req: CPW 101 and CPW 118)** | 5 |       |
|  CPW 210 Advanced Database Programming **(Pre-Req: CPW 101 and CPW 150)**(***Note:*** *It is recommended that students* ***do not*** *take a General Education course in 2nd Qtr CPW)* | 5 |       |
| **Qtr. 3**Fall/Spring     |  CPW 143 Java Object-Oriented Programming II **(Pre-Req: CPW 142)** | 5 |       |
|  CPW 116 .NET Programming **(Pre-Req: CPW 210 and CPW 142)** | 5 |       |
|  CPW 203 Advanced JavaScript **(Pre-Req: CPW 223)**(***Note:*** *It is recommended that students* ***do not*** *take a General Education course in 3rd Qtr CPW)* | 5 |       |
| **Qtr. 4**Summer/Winter      | CPW 245 Data and Logic Structures **(Pre-Req: CPW 143)** | 5 |       |
|  CPW 212 Advanced .NET Programming **(Pre-Req: CPW 116)** | 5 |       |
|  CPW 213 .NET Web Programming (**Pre-Req: CPW 116 and CPW 203. Pre/Co-requisite CPW 212)** | 5 |       |
| **Qtr. 5**Fall/Spring      |  CPW 240 Programming Practicum **(Pre-Req: CPW 245)** | 5 |       |
|  CPW 252 Phone Programming **(Pre-Req: CPW 245)** | 5 |      |
|  CPW 215 Advanced .NET Web Programming **(Pre-Req: CPW 212 and CPW 213)** | 5 |       |
| **Qtr. 6**Summer/Winter      |  CPW 205 Object-Oriented Analysis & Design **(Pre-Req: CPW 245)** | 5 |       |
|  CPW 217 CAP Portfolio **(Pre-Req: CPW 215)** | 5 |       |
|  CPW 218 C++ **(Pre-Req: CPW 245)** | 5 |       |
| ***Total Programming Technical Courses Credits*** | 90 |  |
|  ***Total Credits for Completion*** |  | ***108*** |  |
| **Identify additional preparatory math or English courses you may need to take: If placement scores are below English 91 and/or Math 92, contact the Adult Basic Education (ABE) for classes, Building 10 (253) 589-5702** |
| **Developmental Math** |
| * MAT 092 Pre-Algebra
 | 5 |       |
| * MAT 094 Introduction to Algebra
 | 5 |       |
| * MAT 99 Intermediate Algebra ***(must complete prior to, MATH& 141 or MATH& 146)***
 | 5 |       |
| **Developmental English** |
| * ENG 091 Basic Reading & Writing
 | 5 |       |
| * ENG 094 Advanced Reading & Writing
 | 5 |       |
| Quarterly Self Planning Grid |
| **Quarter 1**       | **Quarter 2**      | **Quarter 3**       | **Quarter 4**            |
| Class:       | Class:       | Class:       | Class:       |
| Class:       | Class:       | Class:       | Class:       |
| Class:       | Class:       | Class:       | Class:       |
| Class:       | Class:       | Class:       | Class:       |
| **Quarter 5**       | **Quarter 6**      | **Quarter 7**       | **Quarter 8**       |
| Class:       | Class:       | Class:       | Class:       |
| Class:       | Class:       | Class:           | Class:       |
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| Class:            | Class:       | Class:       | Class:       |
| **Notes:**       |

***\*Please check in periodically with Advising and Counseling regarding any potential changes to program course requirements***