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| **Student Name (First Last):**       **Staff Initials:**       **Date:**       |
| Computer Programming AAS-T Degree  |
| Associate of Applied Science – T Degree (AAS-T) |
| **Admissions Date:** Fall and Spring quarters. |
| **Instructor email:** kenneth.meerdink@cptc.edu **- or -** joseph.ortiz@cptc.edu **Program Counselor:** annemarie.solbrack@cptc.edu |
| **Prerequisites:** **Completion of ENG 94 or placement equivalency, 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.  |
| AAS-T Required General Education Courses |  | **Credits** | **Quarter****Taken** |
| COLL 102 College Success For All **(required to be completed 1stquarter)** |  3 |   |
| ENGL& 101 English Composition ***(pre-req ENG 094 or equivalent)*** | 5 |  |
|  ENGL& 235 Technical Writing ***(pre-req ENGL& 101)*** | 5 |  |
|  PSYC& 100DIV **- OR -** SOC& 101DIV ***(pre-req ENG 094 or equivalent)*** | 5 |       |
| MATH& 141 Pre-calculus I, ***(pre-req MAT 099 or equivalent)*** | 5 |       |
|  MATH& 142 Pre-calculus II ***(pre-req MATH& 141 or equivalent)*** | 5 |  |
|  MATH& 146 Introduction to Statistics ***(pre-req MAT 099 or equivalent)*** | 5 |  |
|  ASL& 121 American Sign Language I ***(pre-req ENG 094 or equivalent)*** | 5 |  |
|  MUSC& 105 Intro to Music **- OR -** ART& 100 Intro to Art ***(pre-req ENG 094 or equivalent)*** | 5 |  |
|  Any Lab-Based Science *(examples: BIOL& 160, BIOL& 175, CHEM& 110, GEOL& 110, PHYS& 114 or other)* | 5 |  |
|  ***AAS-T Required General Education Courses Total Credits*** | ***48*** |  |
| 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**!!Note-** **Students must take all three of the above listed CPW 1st qtr classes together in order to stay in sequence in the program.** | 5 |       |
| **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 |       |
| **General Education Course *(select from above)*** | 5 |       |
| **General Education Course *(select from above)*** | 5 |       |
| **Qtr. 4**Summer/Winter | CPW 245 Data and Logic Structures **(Pre-Req: CPW 143)** | 5 |       |
| **General Education Course *(select from above)*** | 5 |       |
| **General Education Course *(select from above)*** | 5 |       |
| **Qtr. 5**Fall/Spring |  CPW 240 Programming Practicum **(Pre-Req: CPW 245)** | 5 |       |
|  CPW 252 Phone Programming **(Pre-Req: CPW 245)** | 5 |       |
| **General Education Course *(select from above)*** | 5 |       |
| **Qtr. 6**Summer/Winter |  CPW 205 Object-Oriented Analysis & Design **(Pre-Req: CPW 245)** | 5 |       |
|  CPW 218 C++ **(Pre-Req: CPW 245)** | 5 |       |
| **General Education Course *(select from above)*** | 5 |       |
| ***Continues on next page*** |
| **Qtr.7**F/W/SP/SU | **General Education Course *(select from above)*** | 5 |       |
| **General Education Course *(select from above)*** | 5 |       |
| **General Education Course *(select from above)*** | 5 |       |
| ***Total Programming Technical Courses Credits*** | 60 |  |
|  ***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:       |
| Class:       | Class:       | Class:       | Class:       |
| Class:            | Class:       | Class:       | Class:       |
| **Notes:**       |

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