|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **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](mailto:kenneth.meerdink@cptc.edu) **- or -** [joseph.ortiz@cptc.edu](mailto:joseph.ortiz@cptc.edu) **Program Counselor:** [annemarie.solbrack@cptc.edu](mailto: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***