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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](mailto: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 | |  |
|  | | | | | |  | |  |
| **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: | | | | | |
| 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***