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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 | | | |  | | | | | | | |
| **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** | |  | |
|  | | | | | |  | |  | |  | |
| COLL 102 College Success For All | | | | | | | | 3 | |  | |
| ENGL& 101 English Composition, **or** CMST& 220 Public Speaking | | | | | | | | 5 | |  | |
| PSYC& 100DIV , **or** SOC& 101DIV recommended, or other approved Diversity course | | | | | | | | 5 | |  | |
| MATH& 146 Intro to Stats. *or any transferrable Math course* | | | | | | | | 5 | |  | |
| ***AAT Required General Education Courses Total Credits*** | | | | | | | | ***18*** | |  | |
|  | | | | | |  | |  | |  | |
| Programming Technical Courses | | | | | | | | **Credits** | |  | |
| **Qtr. 1**  Fall/  Spring | CPW 101CL Programming Fundamentals | | | | | | | 5 | |  | |
| CPW 117 Web Design Principles | | | | | | | 3 | |  | |
| CPW 151 Principles of Relational Databases | | | | | | | 4 | |  | |
| **General Education Course:** **COLL 102 College Success For All** | | | | | | | 3 | |  | |
| **Qtr. 2**  Summer/  Winter | CPW 142 Java Object-Oriented Programming I (*Pre-Req: CPW 101)* | | | | | | | 5 | |  | |
| CPW 224 Introduction to JavaScript *(Pre-Req: CPW 101 and CPW 117)* | | | | | | | 4 | |  | |
| CPW 209 Advanced Database Programming (*Pre-Req: CPW 101 and CPW 151)* | | | | | | | 3 | |  | |
| **General Education Course:** **MATH& 146 Intro to Statistics** | | | | | | | 5 | |  | |
| **Qtr. 3**  Fall/  Spring | CPW 143 Java Object-Oriented Programming II *(Pre-Req: CPW 142)* | | | | | | | 5 | |  | |
| CPW 115 .NET Programming *(Pre-Req: CPW 209 and CPW 142)* | | | | | | | 4 | |  | |
| CPW 204 Advanced JavaScript *(Pre-Req: CPW 224)* | | | | | | | 3 | |  | |
| **General Education Course:** **ENGL& 101 English Composition** Recommended | | | | | | | 5 | |  | |
| **Qtr. 4**  Summer/  Winter | CPW 245 Data and Logic Structures *(Pre-Req: CPW 143)* | | | | | | | 5 | |  | |
| CPW 211 Advanced .NET Programming *(Pre-Req: CPW 115)* | | | | | | | 4 | |  | |
| *CPW 219 .NET Web Programming (Pre-Req: CPW 115 and CPW 204, Pre/Co-requisite CPW 211)* | | | | | | | 3 | |  | |
| **General Education Course:** **PSYC& 100DIV , or SOC& 101DIV ,** or other Diversity Course | | | | | | | 5 | |  | |
| **Qtr. 5**  Fall/  Spring | CPW 241 Programming Practicum *(Pre-Req: CPW 245)* | | | | | | | 4 | |  | |
| CPW 253 Phone Programming *(Pre-Req: CPW 245)* | | | | | | | 4 | |  | |
| CPW 221 Advanced .NET Web Programming *(Pre-Req: CPW 211 and CPW 219)* | | | | | | | 4 | |  | |
|  | | | | | | |  | |
| **Qtr. 6**  Summer/  Winter | CPW 207 Object-Oriented Analysis & Design (*Pre-Req: CPW 245)* | | | | | | | 4 | |  | |
| CPW 226 CAP Portfolio *(Pre-Req: CPW 221)* | | | | | | | 4 | |  | |
| CPW 228 C++ **(***Pre-Req: CPW 245)* | | | | | | | 4 | |  | |
| ***Total Course Credits*** | | | | | | | | 90 | |  | |
| **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: | | | | | |
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| **Quarter 5** | | **Quarter 6** | **Quarter 7** | | **Quarter 8** | | | | | |
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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***