|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Student Name (First Last):       Staff Initials:       Date: | | | | | | |
| Construction Technology Degree Education Plan | | | | | | |
| **Admissions Date:** Fall and Spring | | | | | | |
| **Instructor:** jim.quinlan@cptc.edu **Program Counselor:** taylor.mcgovern@cptc.edu | | | | | | |
| **Prerequisites:** None | | | | | | |
| AAT Required General Education Courses | | | | **Credits** | | **Quarter**  **Taken** | |
| 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 | |  | |
| Any 100 Level Math Class ***or higher*** ***(pre-req MAT 092 or equivalent)*** | | | | 5 | |  | |
| CAS 115 or other approved computer literacy course, (or successfully pass the computer literacy exam). For more information go to: [www.cptc.edu/computer literacy](http://www.cptc.edu/computerliteracy) | | | | 3 | |  | |
| COLL 102 College Success for All | | | | 3 | |  | |
| ***AAT Required General Education Courses Total Credits*** | | | | ***21*** | |  | |
| AAS-T Required General Education Courses | | | | | **Credits** | | **Quarter Taken** |
| COLL 102(see quarter 2 of education plan) | | | | | 3 | |  |
| ENGL& 101 English Composition ***(pre-req ENG 094 or equivalent)*** | | | | | 5 | |  |
| PSYC& 100DIV **or** SOC& 101DIV | | | | | 5 | |  |
| MAT 110 , MATH& 141, MATH& 142, MATH& 146, MATH& 151 ***(pre-req MAT 099 or equivalent)*** | | | | | 5 | |  |
| 2nd Social Science, science, or humanities (choose from list below)  ART& 100, ASL& 121, ASL& 122, BIOL& 160, BIOL& 175, BIOL& 241, BIOL& 242, BIOL& 260, CHEM& 110, CHEM& 121, CHEM& 131, GEOL& 110, HIST& 137, HIST& 146, HIST& 147, HIST& 148, HUM& 101, MUSC& 105, PHYS& 114, POLS& 202, PSYC& 100, PSYC& 200, PSYC& 220, SOC& 101. | | | | | 5 | |  |
| Approved Computer Literacy Requirement (Or successfully pass the computer literacy exam). For more information go to: [www.cptc.edu/computer literacy](http://www.cptc.edu/computerliteracy) | | | | | 3 | |  |
| ***AAS-T Required General Education Courses Total Credits*** | | | | | ***26*** | |  |
| Technical Program Courses | | | | | **Credits** | | **Quarter Taken** |
| **Quarter 1-Construction Trades Academy Pre-Apprenticeship Program(C-TAPP) Cert. (EXIT POINT)** | | | | | | | |
| F/SP | CONST 102 Safety & Operating Certificates | | | | 3 | |  |
| CONST 104 Trades Math & Print Reading for Construction | | | | 5 | |  |
| CONST 106 Basic Carpentry Skills | | | | 6 | |  |
| CONST 109 Employment Preparation  4 | | | | 4 | |  |
| **Quarter 2- Construction Technology Certificate (EXIT POINT)** | | | | | | | |
| SU/W | CONST 112 Footings and Foundations | | | | 3 | |  |
| CONST 116 Floor Framing | | | | 3 | |  |
| CONST 120 Wall Framing, Sheeting, & Ceilings | | | | 5 | |  |
| CONST 144 Electrical and Plumbing Basics | | | | 4 | |  |
| COLL 102 College Success for All (must be taken by second quarter if doing two quarter cert) | | | | 3 | |  |
| **Quarter 3- Construction Technology Degree** | | | | | | | |
| F/SP | CONST 122 Roof Framing | | | | 5 | |  |
| CONST 126 Roofing Materials and Installation | | | | 3 | |  |
| CONST 134 Exterior Finish | | | | 3 | |  |
| CONST 139 Interior Finish I | | | | 5 | |  |
|  | | | | | | | |
| **Quarter 4- Construction Technology Degree** | | | | | | | |
| SU/W | SBS 107 Sustainable Building Basics | | | | 4 | |  |
| CONST 142 Interior Finish II | | | | 3 | |  |
| SBS 130 Alternative Energy Systems | | | | 5 | |  |
| SBS 121 Survey of Energy Ratings | | | | 3 | |  |
| **Quarter 5- Construction Technology Degree** | | | | | | | |
| F/SP | SBS 150 Moisture Mitigation | | | | 3 | |  |
| SBS 142 Building Envelope | | | | 4 | |  |
| SBS 174 Basic Diagnostics and Testing | | | | 4 | |  |
| SBS 185CAP Service Learning Project | | | | 3 | |  |
| **Quarter 6- Industry Specialties** | | | | |  | |  |
| SU/W | CONST 152 LEED | | | | 2 | |  |
| CONST 155 Decking | | | | 2 | |  |
| CONST 158 Energy Auditor | | | | 5 | |  |
| CONST 160 Home Inspector | | | | 4 | |  |
| **Total C-TAPP Certificate Program Credits** | | | | |  | | **18** |
| **Total Construction Technology Certificate Program Credits** | | | | |  | | **36** |
| **Total Construction Technology Degree AAT Program Credits** | | | | |  | | **115** |
| **Total Construction Technology Degree AAS-T Program Credits** | | | | |  | | **120** |
| |  |  |  | | --- | --- | --- | | **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** | | | | **AAT  Developmental Math Pathway** |  |  | | * MAT 092  Pre-Algebra | 5 |  | |    **MAT 103 Business Math, -or   MAT 105 Math for Industrial Professions** | 5 |  | | **AAS-T  Developmental Math Pathway** |  |  | | * MAT 092  Pre-Algebra | 5 |  | | * MAT 094  Introduction to Algebra | 5 |  | | * MAT 99  Intermediate Algebra | 5 |  | | **MATH& 141 Pre-Calculus I  –or-   MATH& 146 Introduction to Statistics** | 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***