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| 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 Preparation4 | 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 |       |
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| **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** |
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| **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 |            |

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| 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***