|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Student Name (First Last):       Staff Initials:       Date: | | | | | | | | |
| Welding Technology AAT and AAS-T Degree | | | | | | | | |
| Associate of Applied Technologies Degree (AAT) and Associate of Applied Science – T Degree (AAS-T) | | | | | | | | |
| **Admissions Date:** Fall, Winter, Spring, and Summer quarters. | | | | | | | | |
| **Instructors:** [david.meyers@cptc.edu](mailto:david.meyers@cptc.edu) (Day), amelia.riojas@cptc.edu (Evening)  **Program Counselor:** taylor.mcgovern@cptc.edu | | | | | | | | |
| **Prerequisites:** College assessment scores placement into Math 094 or successful completion of Math 092 | | | | | | | | |
| **Program Requirements: All program classes require Instructor Permission codes** | | | | | | | | |
| **Choose AAT or AAS-T Degree Option:** | | | | | **Credits** | **Quarter**  **Taken** | | |
| *AAT Required General Education Courses* | | | | |  |  | | |
| COLL 102 College Success for All | | | | | 3 |  | | |
| CAS 115 Intro to Computing, 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 |  | | |
| 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 |  | | |
| MAT 105 Math for Ind. Prof., or any 100 level math class, ***or higher*** ***(pre-req MAT 092 or equivalent)*** | | | | | 5 |  | | |
| ***AAT Required General Education Courses Total Credits*** | | | | | ***21*** |  | | |
| *AAS-T Required General Education Courses* | | | | |  |  | | |
| COLL 102 College Success for All | | | | | 3 |  | | |
| CAS 115 Intro to Computing, 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 |  | | |
| ENGL& 101 English Composition ***(pre-req ENG 094 or equivalent)*** | | | | | 5 |  | | |
| PSYC& 100DIV **or** SOC& 101DIV ***(pre-req ENG 094 or equivalent)*** | | | | | 5 |  | | |
| 2nd Social Science, science, or humanities **(from list below)** | | | | | 5 |  | | |
| **(choose from the following):** 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. | | | | |  |  | | |
| MATH& 107, 141, 142, 146 or 151 *or higher* ***(pre-req MAT 099 or equivalent)*** | | | | | 5 |  | | |
| ***AAS-T Required General Education Courses Total Credits*** | | | | | ***26*** |  | | |
| ***\*Indicates a course appropriate for a first-quarter student*** | | | | |  |  | | |
| **Technical Program Courses** | | | | | **Credits** | **Quarter Taken** | | |
| Qtr. 1 | **Welding Lecture** (see list) | | | | 5 |  | | |
| WLD 110 Thermal Cutting & Gouging\* | | | | 3 |  | | |
| WLD 112 Oxyacetylene Welding & Brazing\* | | | | 4 |  | | |
| WLD 117 Shielded Metal Arc Welding I\* | | | | 7 |  | | |
| Qtr. 2 | **Welding Lecture** (see list) | | | | 5 |  | | |
| WLD 123 Shielded Metal Arc Welding II  3 | | | | 7 |  | | |
| WLD 152 Gas Metal Arc Welding | | | | 7 |  | | |
| Qtr. 3 | **Welding Lecture** (see list) | | | | 5 |  | | |
| WLD 168 Flux Cored Arc Welding I | | | | 7 |  | | |
| WLD 210 Gas Tungsten Arc Welding | | | | 7 |  | | |
| Qtr. 4 | **Welding Lecture** (See list) | | | | 5 |  | | |
| Welding Elective (See list) | | | | 7 |  | | |
| Welding Elective (See list) | | | | 7 |  | | |
| ***Degree requirements continue on page 2*** | | | | | | | | |
| Qtr. 5 | Welding Elective (See list below) | | | | 7 |  | | |
| Welding Elective (See list below) | | | | 7 |  | | |
| WLD 217CAP Special Projects I ( -or-WLD 233CAP Layout and Fabrication, or WLD 235CAP, , WABO Test Prep) | | | | 5 |  | | |
| ***Welding Technology Technical Program Courses Credits*** | | | | | ***95*** | |  |  |
| ***Total Credits for Completion*** | | | | | ***118-123*** |  | | |
| **Welding Lectures (Students must take 20 credits of Lecture)** | | | | | | | | |
|  | WLD 106 Theory | | | | 5 |  | | |
| WLD 143 Materials and Testing | | | | 5 |  | | |
| WLD 144 Print Reading | | | | 5 |  | | |
| WLD 156 Metallurgy | | | | 5 |  | | |
| **Welding Electives (Students must take 28 credits of Welding Electives)** | | | | | | | | |
|  | WLD 238 FCAW (Flux Core Arc Welding) II | | | | 7 |  | | |
| WLD 211 Advanced GTAW (Gas Tungsten Arc Welding) I | | | | 7 |  | | |
| WLD 214 Advanced GTAW (Advanced GTAW (Gas Tungsten Arc Welding) II | | | | 7 |  | | |
| WLD 235CAP WABO Test Prep | | | | 7 |  | | |
| WLD 223 GTAW (Gas Tungsten Arc Welding) Pipe | | | | 7 |  | | |
| WLD 225 SMAW (Shielded Metal Arc Welding) Pipe | | | | 7 |  | | |
| WLD 227 Advanced Pipe | | | | 7 |  | | |
| WLD 233CAP Layout and Fabrication | | | | 7 |  | | |
| WLD 229 Metal Forming | | | | 7 |  | | |
| WLD 219 Special Projects II | | | | 1-5 |  | | |
| **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 ***(must complete prior to MAT 105, MAT 103)*** | | | | | 5 |  | | |
| * MAT 094 Introduction to Algebra | | | | | 5 |  | | |
| * MAT 99 Intermediate Algebra ***(must complete prior to MAT 110, MATH& 141, 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.***