## Welding AAT/AAS-T Degree

Program Start: Daytime/Evening programs: Summer, fall, winter, and spring quarters, or by instructor’s permission.

Program Length: 5 Quarters Prerequisites: Yes Total College Credits: 91-121 Minimum Accuplacer arithmetic score of 280 or equivalent or successful completion of MAT 092. AAS -T Degree has additional General Education Requirements. . Additional electives can be taken.

See Running Start CPTC counselor for additional planning.

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| High School | College |
| Core Science | Thermal Cutting & Gouging – WLD 110 (3 Credits) Oxyacetylene Welding & Brazing – WLD 112 (4 Credits) Shielded Metal Arc Welding I – WLD 117 (7 Credits) Shielded Metal Arc Welding II – WLD 123 (7 Credits) Material & Testing – WLD 143 (5 Credits)Gas Metal Arc Welding – WLD 152 (7 Credits) Metallurgy – WLD 157 (5 Credits)Flux Cored Arc Welding I – WLD 168 (7 Credits) Gas Tungsten Arc Welding – WLD 210 (7 Credits)Advanced Gas Tungsten Arc Welding I (GTAW) – WLD 211 (7 Credits) Advanced Gas Tungsten Arc Welding II – WLD 214 (7 Credits)GTAW Pip Welding – WLD 223 (7 Credits)Shielded Metal Arc Welding Pipe – WLD 225 (7 Credits) Advanced Pipe Welding – WLD 227 (7 Credits)Metal Forming – WLD 229 (7 Credits) |
| Core Math Credit | Any 100-Level Math Class (5 credits) |
| Core English Credit | English Composition I – ENGL& 101 (5 Credits) Public Speaking – CMST& 220 (5 Credits)Print Reading for Welders – WLD (5 Credits) |
| Core Social Studies | General Psychology – PSYC& 100DIV (5 Credits)Introduction to Sociology – SOC& 101DIV (5 Credits) |
| Core Art | Print Reading for Welders – WLD 144 (5 Credits)Advanced Concept Design & Fabrication – WLD 299CAP (7 Credits) |
| CTE Credits/Optional Elective | College Success for All – COLL 102 (3 Credits) Welding Theory – WLD 106 (5 Credits) Special Projects – WLD 217CAP (1-5 Credits) Special Projects II – WLD 219 (1-5 Credits)Layout & Fabrication – WLD 233CAP (7 Credits) WABO Test Prep – WLD 235CAP (7 Credits) |