

Gateway **S.M.A.R.T.** Plan

Associate in Applied Science: Welding Technology

I do understand that there may be course changes with future curriculum revisions that may affect a change in course requirements listed on this sheet.

Pre-requisite Courses

| None | | | |
|--|-----|-------|-------------|
| Courses | Cr | Grade | Offered |
| WLD 100 Oxy-Fuel Systems and WLD 101 Oxy-Fuel Systems Lab OR | 4 | | Fall/Spring |
| WLD 110 Cutting Processes and WLD 111 Cutting Processes Lab | 5 | | Fall/Spring |
| WLD 120 Shielded Metal Arc Welding | 2 | | Fall/Spring |
| WLD 121 Shielded Metal Arc Welding Lab | 3 | | Fall/Spring |
| <i>Computer/Digital Literacy Course (CIT 105/OST 105)-or-Competency demonstrated by exam</i> | 0-3 | | All |
| <i>COM 181 Basic Public Speaking</i> | 3 | | All |
| <i>ENG 101 Writing I</i> | 3 | | All |

| Courses | Cr | Grade | Offered |
|--|----|-------|-------------|
| WLD 123 Shielded Metal Arc Welding Groove w/ Backing Lab or WLD225 Open Groove Lab | 3 | | Fall/Spring |
| WLD 130 Gas Tungsten Arc Welding | 2 | | Fall/Spring |
| WLD 131 Gas Tungsten Arc Welding Fillet Lab | 3 | | Fall/Spring |
| WLD 140 Gas Metal Arc Welding | 2 | | Fall/Spring |
| WLD 141 Gas Metal Arc Welding Fillet Lab | 3 | | Fall/Spring |
| <i>MAT 110 Applied Mathematics (or MAT 116 or MAT 126 or higher level mathematics)</i> | 3 | | All |

| Courses | Cr | Grade | Offered |
|--|----|-------|-------------|
| WLD 133 Gas Tungsten Arc Welding Groove Lab | 3 | | Fall/Spring |
| WLD 143 Gas Metal Arc Welding Groove Lab | 3 | | Fall/Spring |
| WLD 170 Blueprint Reading for Welding | 2 | | Fall/Spring |
| WLD 171 Blueprint Reading for Welding Lab | 3 | | Fall/Spring |
| <i>Natural Science General Education course (rec. BIO 120)</i> | 3 | | All |

| Courses | Cr | Grade | Offered |
|--|-----|-------|-------------|
| WLD 220 Welding Certification | 2 | | Fall/Spring |
| WLD 221 Welding Certification Lab | 3 | | Fall/Spring |
| WLD 299 Cooperative Education Program (or WLD 298) | 1-4 | | Fall/Spring |
| Technical Elective(s) | 3 | | Fall/Spring |
| <i>Social/Behavioral Science General Education course (rec. SOC 101)</i> | 3 | | All |
| <i>Heritage or Humanities General Education course</i> | 3 | | All |

Note

Progression in the Welding Technology program is contingent upon achievement of a grade of C or greater in each technical course (including those selected as technical electives) and maintenance of a 2.0 cumulative grade point average or above (on a 4.0 scale).

Updated 9/27/18

