

# 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 <b>and</b> WLD 101 Oxy-Fuel Systems Lab	4		Fall/Spring
<b>or</b> WLD 110 Cutting Processes <b>and</b> 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>ENG 101 Writing I</i>	3		All

Courses	Cr	Grade	Offered
WLD123 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 11/14/17



KENTUCKY COMMUNITY & TECHNICAL COLLEGE SYSTEM