



## Certificate—Welding to an Associate of Science—Industrial Technology

### At Washburn Tech:

#### Certificate Program:

##### Welding

- WEL101 Welding Safety/OSHA-10
- WEL110 Print Reading/Math I
- WEL120 Oxy-Fuel/Cutting Procedures
- WEL131 SMAW
- WEL135 SMAW I
- WEL141 GMAW
- WEL145 GMAW Welding
- WEL150 Workplace Skills I
- WEL160 Oxy-Fuel Welding
- WEL210 Print Reading/Math II
- WEL220 FCAW Welding
- WEL230 SMAW II
- WEL242 GMAW-Aluminum
- WEL246 GTAW
- WEL250 Workplace Skills II
- WEL267 GTAW I

### At Washburn University:

#### Associate of Science-Major:

##### Industrial Technology

- TA 210 Tech Survey
- MA 112 Contemporary College Mathematics\*  
OR MA 116 College Algebra\*
- EN 101 First Year Writing
- WU 101 The Washburn Experience\*\*
- General Education Humanities (6 hours)
- General Education Natural Science (3 hours)
- General Education Social Science (6 hours)

#### AS Degree Requirements

- Minimum 15 credit hours of required coursework must be taken at Washburn
- Student must be concurrently enrolled in 12 hrs at WUTech or have already completed one of the approved WUTech certificates
- Must start at WU within 6 years of WUTech certificate completion

### Additional Notes:

- Check with your advisor at Washburn Tech or in the School of Applied Studies at Washburn University for assistance in building your course schedule each term.
- Reduced tuition rate at Washburn University only applies to the required Associate of Science courses
- \* Please note the following regarding MA 112 and MA116:
  - \* MA 112 requires a ACT Score of 18 or higher on the Math component, MA 112 Placement Exam Score of 50% or higher, or MA 090 with a “B” or better.
  - \* MA 116 requires a ACT Score of 22 or higher on the Math component, MA 116 Placement Exam Score of 75% or higher, or MA 095 with a “B” or better.

\*\* *Students transferring with 30 or more credit hours completed at an accredited post-secondary institution (after graduating from High School) with a GPA of 2.0 or higher are exempt from this requirement.*