

# WELDING TECHNOLOGY PROGRAM

## ASSOCIATE OF APPLIED SCIENCE IN WELDING TECHNOLOGY

(60 Semester Credit Hours)

### Curriculum

The matrix below is a sample plan for all coursework required for this program.

#### 1st Semester

Course Number and Name	Credits
TMAT 1203 Technical Mathematics <i>(or higher math)</i> <i>Must pass with a "C" or better</i>	3
WLD 1103 Introduction to Thermal Cutting	3
WLD 1202 Blueprint Reading	2
WLD 1212 Industrial Safety in Welding	2
WLD 1224 Introduction to Arc Welding	4
WLD 1302 Metallurgy	2
<b>Total Hours</b>	<b>16</b>

#### 2nd Semester

Course Number and Name	Credits
ENGL 1013 <i>Must pass with a "C" or better</i>	3
WLD 1405 Position Welding	5
WLD 1503 Gas Metal Arc (MIG) Welding	3
WLD 1603 Gas Tungsten Arc (TIG) Welding	3
<b>Total Hours</b>	<b>14</b>

#### 3rd Semester

Course Number and Name	Credits
ACR 2134 Boiler Operations	4
ENGL 1023 <i>Must pass with a "C" or better</i>	3
WLD 1403 Welding for Trades and Industry	3
WLD 1702 Weldment Testing	2
WLD 1804 Certification Welding I *	4
<b>Total Hours</b>	<b>16</b>

#### 4th Semester

Course Number and Name	Credits
3 Hours, Any Approved Social Science <sup>1</sup>	3
ACR 2124 Sheet Metal	4
BST 1303 Introduction to Computers or CIS 1113 Fundamental Computer Operation	3
WLD 2804 Certification Welding II	4
<b>Total Hours</b>	<b>14</b>

<sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements"

\*Usually offered in Summer