# WELDING TECHNOLOGY PROGRAM

## TECHNICAL CERTIFICATE IN WELDING TECHNOLOGY

(36 Semester Credit Hours)

*(Concurrent students who earn a Certificate of Proficiency in Industrial Control Systems may progress to earn a Technical Certificate in Industrial Electronic Technology by completing the remaining required courses below.)*

### Fall

| Course Number and Name | Credits |
|---|---|
| TMAT 1203 Technical Mathematics *(or higher math)* <br> *Must pass with a "C" or better* | 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 |
| **Total Hours** | **16** |

### Spring

| Course Number and Name | Credits |
|---|---|
| BST 1003 Business English *Must pass with a "C" or better* | 3 |
| WLD 1405 Position Welding | 5 |
| WLD 1503 Gas Metal Arc (MIG) Welding | 3 |
| WLD 1603 Gas Tungsten Arc (TIG) Welding | 3 |
| **Total Hours** | **14** |

### 1st Summer Session (five-week course)

| Course Number and Name | Credits |
|---|---|
| WLD 1702 Weldment Testing | 2 |
| WLD 1804 Certification Welding I | 4 |
| **Total Hours** | **6** |