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|  | MANUFACTURING |
| **EARN YOUR BUSINESS & INDUSTRY ENDORSEMENT** |

### Welding PROGRAM OF STUDY

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| **09705** | Agricultural Mechanics & Metal Technologies, 1 credit | **GPA Level: Regular** |
|  | **Grades 10-12** | **Service ID: 13002200** |  |
|  | **Recommended Prerequisite:**  | **Principles of Agriculture, Food, & Natural Resources** |  |
|  | **Industry Certification:** | **NCCER Core** |  |
|  | **Advanced Technical Credit\*:** | **Lee College: WLDG 1428****Statewide: DEMR: 1301/1401 or AGME 1315/1415** |  |
| This course is designed to introduce basic theory and specialized skill in agricultural fabrication. Skills to be developed include tool identification and safe use, carpentry, electricity, plumbing, masonry, fencing, painting metal working and welding processes. *\*See definition of advanced technical credit in the introduction to the CTE section of the course description guide.* |
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| **09766** | Welding, **2 credits (2 class periods) (SCC)** | **GPA Level: Regular** |
| **09807** | Welding After School **(M-TH 3:00-5:00) (SCC)** |
|  | **Grades 10-12** | **Service ID: 13032300** |  |
|  | **Required Prerequisite:**  | **Course Application** |
|  | **Industry Certification:** | **NCCER Core** |
|  | **Advanced Technical Credit\*:** | **Lee College: WLDG 1428** |
|  | **Endorsement/Career Cluster:** | **Business & Industry/Manufacturing** |
| ***High Demand! High Wage Careers!*** Welding is a career opportunity with both. The welding courses at SCC are designed to provide job-specific training for entry-level employment in welding careers. Instruction includes cutting & welding with oxy-fuels, shielded metal arc welding, gas tungsten arc and gas metal arc welding processes, safety and career opportunities. |
| **09767** | Advanced Welding, **2 credits (2 class periods) (SCC)** | **GPA Level: Regular** |
| **S09767** | Advanced Welding After School **(M-TH 3:00-5:00) (SCC)** |
|  | **Grades 11-12** | **Service ID: 13032400** |
|  | **Required Prerequisite:**  | **Course Application and Welding** |
|  | **Industry Certification:** | **NCCER Welding Level I** |
|  | **Advanced Technical Credit\*:** | **Lee College: WLDG 2443** |
|  |  | **Statewide: WLDG 1421/1521 or WLDG 1428/1528** |
|  | **Endorsement/Career Cluster:** | **Business & Industry/Manufacturing****Advanced CTE Credit** |
| After learning the basics and safety standards in Welding I, students experience the technology that will put you ahead in the game: Welding II. Stick, GMAC, TIG, Plasma, and great job training.*\*See definition of advanced technical credit in the introduction to the CTE section of the course description guide.* |