**Chapter 1**

**Introduction to Welding**

**Key Terms**

American Welding Society (AWS):

Automated operations:

Automatic operations:

Certification:

Coalescences:

Flux Cored Arc Welding (FCAW):

Forge welding:

Fusion welding:

Gas Metal Arc Welding (GMAW):

Gas Tungsten Arc Welding (GTAW):

Machine operation:

Manual operations:

Oxyfuel gas cutting (OFC):

Oxyfuel gas welding (OFW):

Qualification:

Resistance welding:

Semiautomatic welding:

Semiautomatic operation:

Shielded Metal Arc Welding (SMAW):

Torch or oxyfuel brazing (TB):

Weld:

Welding: