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**Manufacturing Processes Course**

SkillsCommons

This is a survey course of manufacturing, its history and techniques with an emphasis on materials and metalworking. It contains 15 units that include the following: 1: Overview of Manufacturing, Iron and Its History; 2: Steels; 3: Characteristics of Steels, Metallurgy and Heat Treatment; 4: Nonferrous Metals - Aluminum; 5: Other Nonferrous Metals; 6: Casting; 7: Forging; 8: Stamping and Sheet Metal; 9: Powder Metallurgy; 10: Welding; 11: Brazing, Soldering and Other Joining Methods; 12: Non-Traditional Machining; 13: Machining; 14: Manufacturing Systems; and 15: Surface Treatments.

Instructors

- Amber Latham
- Cheryl Cyrus
- Jeffrey Kahn
- Laurel Silk
- Rick Lynam

**Course Details**

- Duration: Self-Paced

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