

# ES9L1: Manufacturing Process Technology

[View Online](#)

Amstead, B. H., Ostwald, Phillip F., and Begeman, Myron L. 1987. Manufacturing Processes. 8th ed. New York: Wiley.

Anon. 1998. Welding Handbook. 8th illustrated edition. American Welding Society.

Boothroyd, G., Dewhurst, Peter, and Knight, W. A. 2011. Product Design for Manufacture and Assembly. Vol. Manufacturing engineering and materials processing. 3rd ed. Boca Raton, FL: CRC Press.

Campbell, John. 2015. Complete Casting Handbook: Metal Casting Processes, Metallurgy, Techniques and Design. 2nd Revised edition. Oxford: Elsevier Science & Technology.

Chua, Chee Kai, Kah Fai Leong, and C. S. Lim. 2010. Rapid Prototyping: Principles and Applications. 3rd ed. Singapore: World Scientific.

Davies, A. C. 1993. The Science and Practice of Welding. 10th Revised edition. Cambridge: Cambridge University Press.

DeGarmo, E. Paul, J. Temple Black, Ronald A. Kohser, and E. Paul DeGarmo. 2007. DeGarmo's Materials and Processes in Engineering. 10th ed. Chichester: Wiley.

El Wakil, Sherif D. 1998. Processes and Design for Manufacturing. 2nd ed. Boston, Mass: PWS.

Foston, Arthur L., Smith, Carolena L., and Au, Tony. 1991. Fundamentals of Computer-Integrated Manufacturing. Englewood Cliffs, N.J.: Prentice Hall.

Gedde, U. W. 1995. Polymer Physics. London: Chapman & Hall.

George Chryssolouris. n.d. Manufacturing Systems: Theory and Practice. Vol. Mechanical engineering series. 2nd edition. New York: Springer, 2006.

Gibson, I. n.d. Additive Manufacturing Technologies: 3D Printing, Rapid Prototyping, and Direct Digital Manufacturing. 2nd ed. Springer, 2016.

Gibson, Ian, Rosen, David W., and Stucker, Brent. n.d. Additive Manufacturing Technologies: Rapid Prototyping to Direct Digital Manufacturing. 3rd edition. Cham, Switzerland: Springer, 2020.

Groover, Mikell P. 2020a. Fundamentals of Modern Manufacturing: Materials, Processes, and Systems. Seventh edition. Hoboken, NJ: Wiley.

- Groover, Mikell P. 2020b. Fundamentals of Modern Manufacturing: Materials, Processes, and Systems. Seventh edition. Hoboken, NJ: Wiley.
- Groover, Mikell P. n.d. Automation, Production Systems, and Computer-Integrated Manufacturing. 5th edition. New York: Pearson, 2019.
- Guinee, Jeroen B., and Jeroen B. Guinie. 2014. Handbook on Life Cycle Assessment: Operational Guide to the ISO Standards. Plenum Publishing Corporation.
- Harper, Charles A. 2014. Handbook of Plastic Processes. New Delhi: Wiley india Pvt. Ltd.
- Hopkinson, N., Hague, R. J. M., and Dickens, P. M. 2006. Rapid Manufacturing: An Industrial Revolution for the Digital Age. Chichester: John Wiley.
- Kalpakjian, Serope and Schmid, Steven R. 2003. Manufacturing Processes for Engineering Materials. 4th ed. Upper Saddle River, N.J.: Prentice Hall.
- Kamrani, Ali K., and Emad Abouel Nasr. 2010. Engineering Design and Rapid Prototyping. New York: Springer.
- Kunze, H. D., ed. 1997. Competitive Advantages by Near-Net-Shape Manufacturing. Frankfurt: DGM Informationsgesellschaft.
- Lindberg, Roy A. 1990. Processes and Materials of Manufacture. Vol. Prentice Hall Series in Engineering. 4th ed. London: Allyn and Bacon.
- Niebel, Benjamin W., Draper, Alan B., and Wysk, Richard A. 1989. Modern Manufacturing Process Engineering. Vol. McGraw-Hill series in industrial engineering and management science. New York: McGraw-Hill.
- P.C, Angelo, and Subramanian R. 2008. Powder Metallurgy: Science, Technology and Applications. PHI Learning Pvt Ltd.
- Strong, A. Brent. 2008. Fundamentals of Composites Manufacturing: Materials, Methods and Applications. 2nd ed. Dearborn, Mich: Society of Manufacturing Engineers.
- Thyagarajan, K., and A. K. Ghatak. 2010. Lasers: Fundamentals and Applications. Vol. Graduate texts in physics. 2nd ed. New York: Springer.
- Timings, R. L. 1993. Manufacturing Technology. Harlow: Longman Scientific & Technical.
- Timings, R. L. 1998. Manufacturing Technology. 3rd ed. Harlow: Longman.
- Ward, I. M., and John Sweeney. 2004. An Introduction to the Mechanical Properties of Solid Polymers. 2nd ed. Chichester, West Sussex, England: Wiley.