

# ES9L1: Manufacturing Process Technology

[View Online](#)

Amstead, B. H., et al. Manufacturing Processes. 8th ed, Wiley, 1987.

Boothroyd, G., et al. Product Design for Manufacture and Assembly. 3rd ed, vol. Manufacturing engineering and materials processing, CRC Press, 2011, [http://encore.lib.warwick.ac.uk/iii/encore/record/C\\_\\_Rb3252830](http://encore.lib.warwick.ac.uk/iii/encore/record/C__Rb3252830).

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

Chua, Chee Kai, et al. Rapid Prototyping: Principles and Applications. 3rd ed, World Scientific, 2010.

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

DeGarmo, E. Paul, et al. DeGarmo's Materials and Processes in Engineering. 10th ed, Wiley, 2007.

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

Foston, Arthur L., et al. Fundamentals of Computer-Integrated Manufacturing. Prentice Hall, 1991, <https://go.exlibris.link/Mqq17K8h>.

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

George Chryssolouris. Manufacturing Systems: Theory and Practice. 2nd edition, vol. Mechanical engineering series, Springer, 2006, <https://go.exlibris.link/twG9KZXS>.

Gibson, I. Additive Manufacturing Technologies: 3D Printing, Rapid Prototyping, and Direct Digital Manufacturing. 2nd ed, <https://go.exlibris.link/zkhjKSG>.

Gibson, Ian, et al. Additive Manufacturing Technologies: Rapid Prototyping to Direct Digital Manufacturing. 3rd edition, Springer, 2020, <http://0-dx.doi.org.pugwash.lib.warwick.ac.uk/10.1007/978-1-4419-1120-9>.

Groover, Mikell P. Automation, Production Systems, and Computer-Integrated Manufacturing. 5th edition, Pearson, 2019.

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

---. Fundamentals of Modern Manufacturing: Materials, Processes, and Systems. Seventh edition, Wiley, 2020.

Guinee, Jeroen B., and Jeroen B. Guinie. Handbook on Life Cycle Assessment: Operational Guide to the ISO Standards. Plenum Publishing Corporation, 2014.

Harper, Charles A. Handbook of Plastic Processes. Wiley india Pvt. Ltd, 2014.

Hopkinson, N., et al. Rapid Manufacturing: An Industrial Revolution for the Digital Age. John Wiley, 2006, <https://go.exlibris.link/LWHzK84R>.

Kalpakjian, Serope and Schmid, Steven R. Manufacturing Processes for Engineering Materials. 4th ed, Prentice Hall, 2003.

Kamrani, Ali K., and Emad Abouel Nasr. Engineering Design and Rapid Prototyping. Springer, 2010, <https://go.exlibris.link/MByvXCm4>.

Kunze, H. D., editor. Competitive Advantages by Near-Net-Shape Manufacturing. DGM Informationsgesellschaft, 1997.

Lindberg, Roy A. Processes and Materials of Manufacture. 4th ed, vol. Prentice Hall Series in Engineering, Allyn and Bacon, 1990.

Niebel, Benjamin W., et al. Modern Manufacturing Process Engineering. McGraw-Hill, 1989.

P.C, Angelo, and Subramanian R. Powder Metallurgy: Science, Technology and Applications . PHI Learning Pvt Ltd, 2008, pp. 1–312.

Strong, A. Brent. Fundamentals of Composites Manufacturing: Materials, Methods and Applications. 2nd ed, Society of Manufacturing Engineers, 2008.

Thyagarajan, K., and A. K. Ghatak. Lasers: Fundamentals and Applications. 2nd ed, electronic resource, vol. Graduate texts in physics, Springer, 2010, <http://0-link.springer.com.pugwash.lib.warwick.ac.uk/10.1007/978-1-4419-6442-7>.

Timings, R. L. Manufacturing Technology. Longman Scientific & Technical, 1993.

---. Manufacturing Technology. 3rd ed, Longman, 1998.

Ward, I. M., and John Sweeney. An Introduction to the Mechanical Properties of Solid Polymers. 2nd ed, Wiley, 2004.

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