1. Record Nr. UNINA9910454178803321 Autore Simha Rajendra Titolo Introduction to basic manufacturing process and workshop technology [[electronic resource] /] / Rajender Singh New Delhi, : New Age International (P), Ltd., Publishers, 2006 Pubbl/distr/stampa **ISBN** 1-281-22430-8 9786611224301 81-224-2316-7 Descrizione fisica 1 online resource (506 p.) Disciplina 670.42 Soggetti Manufacturing processes Machine-shop practice Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Includes index. Nota di contenuto Cover; Preface; Acknowledgement; Contents; 1. Introduction; 2. Plant and Shop Layout; 3. Industrial Safety; 4. Ferrous Materials; 5. Non-Ferrous Materials; 6. Melting Furnaces; 7. Properties and Testing of Metals: 8. Heat Treatment; 9. Carpentry; 10. Pattern and Core Making; 11. Foundry Tools and Equipments; 12. Mold and Core Making; 13. Casting: 14. Forging: 15. Hot Working of Metals: 16. Cold Working: 17. Welding; 18. Sheet Metal Work; 19. Fitting; 20. Metal Cutting; 21. Lathe Machine; 22. Drilling Machine; 23. Shaper, Planer and Slotter; 24. Milling: 25. Powder Metallurgy 26. Inspection and Quality ControlIndex Sommario/riassunto Manufacturing and workshop practices have become important in the industrial environment to produce products for the service of mankind. The basic need is to provide theoretical and practical knowledge of manufacturing processes and workshop technology to all the engineering students. This book covers most of the syllabus of manufacturing processes/technology, workshop technology and workshop practices for engineering (diploma and degree) classes

prescribed by different universities and state technical boards.