

# machine technology

2



# machine technology

# 2



D. B. TARAPOREVALA SONS & CO. PRIVATE LTD.  
210, Dr. Gopalhai Narayji Road, Bombay 1.

SUGGESTED TEACHING SEQUENCE OF RELATED INFORMATION TOPICS FOR MACHINE TECHNOLOGY II

Refer to Appendix (Pages 110-113) for suggested order of information and by subject areas.

Estimated  
Days  
Topic  
Classroom  
Hours

Suggested Sequence of Topics	Topic	Page	Estimated Days	Topic Classroom Hours
113	Manufacture of Steel - Iron Ore to Pig Iron	1	1	
114	How to File in a Bench Vice	4	1	
115	Constants Applied to Machine Work	7	2	
116	Manufacture of Steel - Pig Iron to Steel	1	0	
117	Hand Brakes and Their Uses	11	1	
118	Reading a Multiple View Drawing	13	2	
119	Iron and Steel Castings, Rolling and Other Processes	14	1	
120	Methods of Cutting Threads	14	-	
121	American National and Unified Thread Forms	21	2	
122	Taps and Tapping Methods	28	2	
123	Tap Drill Size Formulas	26	1	
124	Working Drawings - Cast Parts	27	2	
125	Thread Dies and Thread Gauges	28	1	
126	Plane Geometric Rules - Lines, Angles and Curves	31	1	
127	Mechanical Accessories - Scales	32	2	
128	Basic Flat Geometric Shapes - Triangles, Rectangles, Circles	31	2	
129	Stud Extruders and Their Uses	37	1	
130	Working Drawings - Flat Irregular Shapes	39	1	
131	Carbon Steels - Manufacture and Use	40	1	
132	Fundamental Solid Geometric Shapes	43	1	
133	Summary and Test on Topics 113 to 132	44	2	
134	Machine Reamers and Tap Drills	48	2	
135	Convergent and Similar Shapes	51	1	
136	Countersinks, Corner Chisels and Spooling Tools	52	-	
137	Practical Plane Geometric Constructions	55	2	
138	Methods of Deep Hole Drilling	56	-	

LOW-PRICED EDITIONS ON

**MACHINE TECHNOLOGY, REFRIGERATION,  
ELECTRICITY, CONCRETE, ELECTRONICS, ETC.**

MACHINE TECHNOLOGY (4 Volumes)

DRILL PRESS WORK (*Machine Shop Series*)

MILLING MACHINE WORK (*Machine Shop Series*)

LATHE WORK (*Machine Shop Series*)

SHEET METAL (3 Volumes), by P. M. Johnston

REFRIGERATION SERVICING, by Paul E. Goliber

PRINCIPLES OF REFRIGERATION, by R. W. Marsh and  
C. T. Olive

PRINCIPLES OF AIR CONDITIONING, by V. Paul Lang

ELECTRIC MOTOR CONTROL: Theory and Applications,  
by Walter N. Alerich

ALTERNATING CURRENT FUNDAMENTALS, by John R. Duff

DIRECT CURRENT FUNDAMENTALS, by Orla E. Loper

CONCRETE TECHNOLOGY

CONCRETE FORM CONSTRUCTION

BASIC ELECTRONICS, by J. A. Johnson and R. P. Jounigan

AUTOMOBILE SCIENCE AND TECHNOLOGY  
by L. E. Jones and Wm. A. Brazier

**TARAPOREVALA**