

BA05: Basic Hand Tools

Catalogue Number	77-BA05-0001
Category	JobMaster
Duration	15 Hours

Introduction to Basic Hand Tools

Skill 1: Shop Safety

- 1.1: Eye Protection
- 1.2: Respiratory Protection
- 1.3: Proper Clothing
- 1.4: Safe Work Practices
- 1.5: Hand Tools Safety
- 1.6: Fire Prevention
- 1.7: First Aid
- 1.8: Skill Overview
- 1.9: Skill Drill
- 1.10: Concept Review

Skill 2: Rulers and Tape Measures

- 2.1: Rulers
- 2.2: Tape Measures
- 2.3: Skill Overview
- 2.4: Skill Drill
- 2.5: Concept Review

Skill 3: Calipers and Feeler Gauges

- 3.1: Calipers
- 3.2: Feeler Gauges
- 3.3: Skill Overview
- 3.4: Skill Drill
- 3.5: Concept Review

Skill 4: Squares and Levels

- 4.1: Squares
- 4.2: Levels
- 4.3: Skill Overview
- 4.4: Skill Drill
- 4.5: Concept Review

Skill 5: Knives

- 5.1: Craft Knives
- 5.2: Utility Knives
- 5.3: Safety
- 5.4: Skill Overview
- 5.5: Skill Drill
- 5.6: Concept Review

Skill 6: Scribes and Punches

- 6.1: Scribes
- 6.2: Punches
- 6.3: Safety
- 6.4: Skill Overview
- 6.5: Skill Drill
- 6.6: Concept Review

Skill 7: Work Holding Devices

- 7.1: Spring Clamp
- 7.2: Ratchet Clamp
- 7.3: C-Clamps
- 7.4: Bar Clamps
- 7.5: Vises
- 7.6: Safety
- 7.7: Skill Overview
- 7.8: Skill Drill
- 7.9: Concept Review

Skill 8: Hammers

- 8.1: Hard Hammers
- 8.2: Soft Hammers
- 8.3: Safety
- 8.4: Skill Overview
- 8.5: Skill Drill
- 8.6: Concept Review

Skill 9: Chisels

- 9.1: Wood
- 9.2: Cold
- 9.3: Safety
- 9.4: Skill Overview
- 9.5: Skill Drill
- 9.6: Concept Review

Skill 10: Saws

- 10.1: Blade Characteristics
- 10.2: Hacksaws
- 10.3: Safety
- 10.4: Skill Overview
- 10.5: Skill Drill
- 10.6: Concept Review

Skill 11: Pliers

- 11.1: Slip Joint
- 11.2: Combination
- 11.3: Long, Short and Needle Nose
- 11.4: Groove Joint
- 11.5: Locking
- 11.6: Snap Ring
- 11.7: Safety
- 11.8: Skill Overview
- 11.9: Skill Drill
- 11.10: Concept Review

Skill 12: Cutters

- 12.1: Wire Stripper
- 12.2: Diagonals
- 12.3: Nippers
- 12.4: Tin Snips
- 12.5: Cable Cutters
- 12.6: Conduit Cutter
- 12.7: Pipe Cutters
- 12.8: Skill Overview
- 12.9: Skill Drill
- 12.10: Concept Review

Skill 13: Files and Deburring Tools

- 13.1: Files
- 13.2: Deburring Tools
- 13.3: Skill Overview
- 13.4: Skill Drill
- 13.5: Concept Review

Skill 14: Drivers

- 14.1: Flat Blade
- 14.2: Phillips
- 14.3: Torx
- 14.4: Nut Drivers
- 14.5: Safety
- 14.6: Skill Overview
- 14.7: Skill Drill
- 14.8: Concept Review

Skill 15: Hex Keys

- 15.1: Sizes
- 15.2: Types
- 15.3: Safety
- 15.4: Skill Overview
- 15.5: Skill Drill
- 15.6: Concept Review

Skill 16: Wrenches

- 16.1: Open
- 16.2: Box
- 16.3: Combination
- 16.4: Adjustable
- 16.5: Pipe
- 16.6: Safety
- 16.7: Skill Overview
- 16.8: Skill Drill
- 16.9: Concept Review

Skill 17: Socket and Torque Wrenches

- 17.1: Socket Wrenches
- 17.2: Torque Wrench
- 17.3: Skill Overview
- 17.4: Skill Drill
- 17.5: Concept Review

Research Project

Comprehensive Post-Test