

Screw Machine Operator & Setter - 604.380.022

The following schedule of work experience is intended as a guide. It need not be followed in any particular sequence, and it is understood that some adjustments may be necessary in the hours allotted for different work experience. In all cases, the apprentice is to receive sufficient experience to become fully competent and use good workmanship in all work processes which are part of the trade. The apprentice will be fully instructed in safety and OSHA requirements.

A. OPERATION AND FEEDING (2000 Hours)

1. Care of machine
2. Stock identification and size
3. Feed rolls
4. Inspection
 - a. Gages
 - b. Micrometer
 - c. Finish requirements

B. TOOL SHARPENING (1000 Hours)

1. Single point tools
2. Drills
3. Cutoff tools
4. Form tools
5. Counter bores

C. CAMS (650 Hours)

1. Changing and setting
2. Proper spindle speed
3. Running time
4. Setting stop screws
5. Basic layout

D. TOOL SETTING AND ADJUSTMENT (1500 Hours)

1. Form tools
2. External threads
 - a. Solid and adjustable dies
 - b. Single point tools
 - c. Rolled threads
3. Internal threads (solid and collapsible taps)
4. Knurling tools
5. Box tools
6. Taper attachments
7. Burnishing tools
8. Step drills and reamers
9. Skiving tools

E. ATTACHMENTS AND SECONDARY OPERATIONS (418 Hours)

1. Slotting
2. Cross drilling
3. Milling
4. Burring
5. Counterboring
6. Chamfering

F. RELATED INSTRUCTION (432 Hours)

1. Blueprint reading
2. Shop mathematics
3. Tolerances
4. Safety

TOTAL - 6000 Hours

WAGE SCHEDULE

0 - 1000	Hours	_____
1001 - 2000	Hours	_____
2001 - 3000	Hours	_____
3001 - 4000	Hours	_____
4001 - 5000	Hours	_____
5001 - 6000	Hours	_____
Journeyman	Rate	_____