To All Machine Tool Students and Agency Buyers:

The books and tools detailed on this list is inclusive of what will be needed by the student to successfully complete the requirements for the Machine Tool Technology 2 year program. Any additional tools are not required but can be purchased at the discretion of the student. All book and tool costs are approximate. **Students will need to have the majority of these tools purchased by the first lab class. Please do not purchase any books or tools until you have met with the Instructors personally or attended the Machine Tool Orientation.**

MACHINE TOOL TECHNOLOGY
BOOK & TOOL LIST

First Year

Machine Tool Practices, Richard R. Kibbe, 10th Edition, Prentice Hall Publishing. ISBN-13: 978-0-13-291265-5	185.00
Mathematics for Machine Technology, Robert D. Smith, 7th Edition, Cengage Learning. ISBN-13: 978-1-133-28145-0	120.00
Machine Trades Printreading Third Edition American Technical Publishers, Inc. ISBN 978-0-8269-1881-9	95.00
Machinery's Handbook, 30th Edition, Industrial Press, ISBN 978-0-8311-3091-6	75.00
Jig And Fixture Design, Edward G. Hoffman, Delmar Publishers, Fifth Edition, ISBN 9781401811075	100.00
Approximate total cost of freshman books	**575.00**

Second Year

Introduction to Solid Modeling Using SolidWorks 2016, William E. Howard/Joseph C. Musto, McGraw Hill Publishing, ISBN: 978-1-259-69656-5	70.00
CNC Programming Handbook, Peter Smid, 3rd Edition, Industrial Press Publishing, ISBN 978-0-8311-3347-4	70.00
Geometric Dimensioning & Tolerancing, David A. Madsen, 9th Edition, Goodheart-Wilcox Publishing. ISBN 978-1-60525-938-3	75.00
HAAS Mill Manual (Purchase from Program)	20.00
Virtual Gibbs Manual (Purchase from Program)	20.00
HAAS Lathe Manual (Purchase from Program)	20.00
Approximate total cost of sophomore books	**275.00**

Tools

6" Flat Mill Bastard File (Nicholson Brand)	6.00
8" Flat Mill Bastard File (Nicholson Brand)	6.00
10" Mill Bastard File (Nicholson Brand)	6.00
8" Round File (Nicholson Brand)	6.00
10" Adjustable Wrench (Any Brand)	18.00
6" Flexible Steel Rule (Any Brand)	7.00
12' Tape Measure (Any Brand)	10.00
Carbide Pocket Scribe/Magnet (General Brand)	6.00
Center Punch Set (Any Brand)	27.00
Centering Gage (Any Brand)	6.25
6" Dial Caliper .100 Graduations (Starrett, Mitutoyo, Browne & Sharpe) **(No Digitals)**	130.00
0"-1" Outside Micrometer, .0001 Vernier (Starrett, Mitutoyo, Browne & Sharpe) **(No Digitals)**	95.00
Magnetic Base w/Fine Adjustment (SPI Brand)	50.00
.0005 Test Indicator Horizontal (Starrett, Mitutoyo, Browne & Sharpe)	125.00
1" Travel Indicator (Any Brand)	50.00
Edge Finder .200 (SPI Brand)	15.00
4 Piece Combination Square Set (Starrett, Mitutoyo, Browne & Sharpe)	150.00
15 Piece Hex Wrench Set (Long), .028 to 3/8" (Bondhuis or Allen Brand)	15.00
13 Piece Hex Metric Wrench Set (Long), 1.5mm to 10mm (Bondhuis or Allen Brand)	15.00
1 1/2 lbs. Dead Blow Hammer (Any Brand)	12.00
7-Drawer Machinist's Chest (Waterloo Brand)	175.00
1 Pair of Safety Glasses (Any Brand)	6.00
Pocket Calculator (Scientific)	20.00
Screw Pitch Gauge, 51 Blades (Starrett, Mitutoyo, Browne & Sharpe)	30.00

5 Power Eye Loupe (Any Brand)	6.00
Approximate total cost of tools	**992.25**

Approximate total cost for 2-year program for books & tools	**1,267.25**

NOTE: Cost of books and tools are based on the previous fall prices.