

Book & Tool List

COMPUTERIZED MACHINING TECHNOLOGY

Associate of Applied Science: Computerized Machining Technology

Book List for AAS – Computerized Machining Technology

| Course | Course Title | Book Title | ISBN | Cost |
|---------------------------|------------------------------------|---|---------------|-----------------|
| COMM 1101 | Fundamentals of Oral Communication | Fund. Of Oral Communication Access Code | 9781644850817 | 78.57 |
| ENGL 1101 | Writing and Rhetoric I | Rules for Writers (Spiral), 10 th 22 Ed. | 9781319244255 | 56.56 |
| ENGL 1101 | Writing and Rhetoric I | Everyone's an Author: With Readings, MLA – W/Access, 4 th 23 Ed. | 9781324045274 | 57.09 |
| ENGL 1101 | Writing and Rhetoric I | Dr. No: A Novel, 22 Ed. | 9781644452080 | 6.99 |
| MATH 1153 | Statistical Reasoning | Intro Stats – MyStatLab w/eText (18 Weeks), 6 th 22 Ed. | 9780136806899 | 135.70 |
| MATH 1153 | Statistical Reasoning | Intro Stats, 6 th 22 Ed. | 9780136806868 | 85.99 |
| PSYC 1101 (Obj. 6 Option) | Introduction to Psychology | Psychology – Achieve Read and Practice (1 Term), 14 th 24 Ed. | 9781319489892 | 64.29 |
| | | | TOTAL | \$485.19 |

Course Fees for AAS – Computerized Machining Technology

| Course | Course Title | Fee |
|-----------|------------------------------|-----------------------|
| MACH 1110 | Machine Tool Lab I | 50.00 |
| MACH 1120 | Machine Tool Lab II | 50.00 |
| MACH 1131 | CNC Mill Setup | 50.00 |
| MACH 1141 | CNC Lathe Setup | 50.00 |
| MACH 2270 | CNC Machining Practice I | 50.00 |
| MACH 2280 | CAD and CAM Applications II | 50.00 |
| MACH 2290 | CNC Machining Practice II | 70.00 |
| MACH 2291 | CAD and CAM Applications III | 50.00 |
| TGE 1158 | Employment Strategies | 40.00 |
| | | TOTAL \$460.00 |

Tools/Supplies for AAS – Computerized Machining Technology

| Quantity | Description | Cost |
|----------|--|--------|
| 1 | Calculator – TI-36X or equivalent | 18.00 |
| 1 pair | Safety Shoes (Steel Toe Required) | 50.00 |
| 1 pair | Safety glasses with side shields OSHA | 3.00 |
| 6 | High speed steel with 5% cobalt lathe bits 3/8" x 3/8" | 25.00 |
| 1 | 6 inch caliper – digital or dial type | 95.00 |
| 1 | 2 inch paint brush | 1.00 |
| 1 | Dial indicator – 1" minimum travel | 15.00 |
| 1 | Dial test indicator with attachments | 125.00 |
| 1 | 10 inch smooth cut file | 10.00 |
| 1 set | 25 piece radius gauge set | 40.00 |
| 1 | Thread center gauge – 60 degree standard | 8.00 |
| 2 | Grease pencils | 2.00 |
| 1 | 20 oz dead blow hammer | 15.00 |
| 1 | Magnetic indicator base with attachments | 30.00 |
| 1 | Micrometer – 0-1" (Vernier Reading to 4 th decimal place) | 110.00 |
| 1 | Micrometer 1-2" (Vernier Reading to 4 th decimal place) | 125.00 |
| 1 | Micrometer 2-3" (Vernier Reading to 4 th decimal place) | 170.00 |
| 1 | Depth Micrometer – 0-6" | 240.00 |
| 1 | #3 Center Drill | 5.00 |
| 1 | #4 Center Drill | 8.00 |
| 1 | 6 inch triangular taper file | 8.00 |
| 1 set | 6 piece adjustable parallels | 160.00 |
| 1 | 6 inch pliers | 8.00 |
| 1 set | Screwdrivers – Regular and Philips | 9.00 |
| 1 | Scriber | 6.00 |
| 1 | Tape measure | 8.00 |
| 1 set | Thread Wires | 21.00 |
| 1 | Mighty mag way magnetic base | 15.00 |
| 1 | Wrench, adjustable – 12" | 15.00 |
| 1 | Telescoping gauge – 4 piece set | 100.00 |
| 1 | Wrench, hex key – 1/32" to 3/8" | 9.00 |
| 1 | Wrench, hex key metric 2-8 | 8.00 |
| 1 | 110 Piece drill set | 180.00 |
| 1 pair | Tool Box – top box (max width 30") | 250.00 |
| 1 | Cabinet – Roller (max width 30") | 425.00 |
| 2 | Clamps, cantilever (1", 2", and 3") | 25.00 |
| 1 set | Swiss pattern files | 12.00 |
| 1 | 10 oz Ball pein hammer | 15.00 |
| 1 | Half round indicator clamp holder | 35.00 |
| 1 | Sharpening stone (Arkansas hard) – approximately 4" x 1/2" x 1/2" square | 5.00 |

| Quantity | Description | Cost |
|--------------|---|------------------|
| 1 | Sharpening stone (Arkansas medium) – approximately 4" x 1/2" diameter round | 8.00 |
| 1 | Offset edge finder | 22.00 |
| 1 | Tap guide | 10.00 |
| 1 | Square combination set (4 piece set) | 200.00 |
| 1 | Wrench, box end – 3/4" | 8.00 |
| 1 pair | Noise reduction ear muffs | 15.00 |
| 1 | 3/4" x 7/8" Combination box wrench | 18.00 |
| TOTAL | | \$2690.00 |

Summary

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|----------------|-------------|
| Tuition | \$16,712.00 |
| Books | \$485.19 |
| Fees | \$460.00 |
| Tools/Supplies | \$2,690.00 |
| Program Total | \$20,347.19 |

**Costs listed are estimations and should not be considered a guarantee.*