

IDAHO STATE UNIVERSITY COLLEGE OF TECHNOLOGY

PROGRAM TITLE: AIRCRAFT MAINTENANCE TECHNOLOGY

BOOKS AND TOOLS

Textbooks may be purchased at the University Bookstore located at the Pond Student Union - Building #14. Textbooks may also be purchased or reserved on-line through www.efollett.com or the bookstore's website at www.isu.edu/bookstor. A shipping charge will be added for mail orders. See the bookstore's website for more information on purchasing or reserving books or for refund policy information. **Save Your Receipts!**

**Approximate total book and tool costs for this program's options are listed below.
Additional book costs will vary depending on the courses taken to fulfill
general education requirements for the AAS degree.
For a breakdown of books by individual class requirements, you must check your course curriculum.**

NOTE: PRICES ARE SUBJECT TO CHANGE AT ANYTIME WITHOUT PRIOR NOTIFICATION

VENDORS:

Aviation Book Company 800-542-6657
1640 Victory Blvd.
Glendale, CA 91201

Jepp N Sanderson, Inc.
55 Inverness Drive East
Englewood, CO 80112-5498

McGraw-Hill Publishers 800-334-7344
8171 Redwood Highway
Novato, CA 94945

AIRCRAFT MAINTENANCE TECHNOLOGY - REQUIRED AND OPTIONAL TOOL REQUIREMENTS

The following is a list of the tools that are required for participation in the Aircraft Maintenance Technology program. We recommend that if you do not already own your basic tools, you wait until the first week of school. We have several tool vendors that put together tool kits at a greatly reduced price for the students and will be available for your review in the first week.

THE FOLLOWING ITEMS ARE REQUIRED WITHIN THE FIRST THREE DAYS OF ATTENDANCE:

Cap, Cloth Welding	4.00
File, 10" Flat Bastard	10.00
Flint Striker	1.00
Glasses , Safety with Full Side Shield	6.00
Gloves, Leather, Light Weight, TIG	6.00
Goggles, Welding, #5 Lens	6.00
Tip Cleaner	2.00
Approximate Total Initial Items	\$35.00

THE FOLLOWING TOOLS ARE REQUIRED AT THE EARLIEST CONVENIENCE:

Quantity	Description
1	Caliper, 6" analog dial, 0.001 adjustment, or digital
1	Chisel, Cold 3/4" Cut
1	Chisel, Cold 5/16" Cut

1 set	Drill set, 0 - 60
1 each	Extension, 1/4" drive, 2 inch and 6 inch length
1	Extension, 3/8", approx. 3 inch length
1	Extension, 3/8", approx. 8" length
1 set	Gauges, 26 piece flat feeler (.0015 to .040")
1	Hammer, ball pein, approx. 12 oz.
1	Hammer, plastic tip, approx. 1 lb
1 set	Hex key-7 piece (5/64, 3/32, 1/8, 5/32, 3/16, 7/32, and 1/4)
1	Mirror, approximately 2" rectangular or round
1	Multimeter, digital
1 each	Pin punch, 1/4, 1/8, 3/16, 3/32, 5/32 inch points
1	Pliers, amp type wire crimping
1	Pliers, diagonal cutting, approx. 8"
1	Pliers, duckbill
1	Pliers, slip joint, approx. 6"
1	Pliers, slip joint, five adjustments, approx. 6"
1	Pliers, slip joint, five adjustments, approx. 10"
1	Punch, 6" center, 1/2" hex body or automatic center punch
1	Ratchet, 1/4", reversible, approx. 5"
1	Ratchet, 3/8" drive, reversible, approx. 7" length
1	Ruler, 6" pocket, 1/32 & 1/64 graduations
1	Saw, Hack, adjustable blade lengths with 28 TPI blades or finer
1	Screwdriver, #1 Phillips, approx. 4" length
1	Screwdriver, #2 Phillips, approx. 8" length
1	Screwdriver, offset, 1/4" standard tip
1 each	Screwdriver, offset, Phillips #1 and #2
1 each	Screwdriver, standard tip, approx. 3, 4, 6, and 8 inch length
1	Screwdriver, stubby, #2 Phillips, approx. 2" length
1	Screwdriver, stubby, 1/4" standard tip, approx. 2" length
1 each	Snips, aviation, offset: left cut, right cut, and straight cut
1	Socket set, 1/4 drive, universal drive, 1/4" to 9/16", 6 point
1	Socket, 1/2", 1/4", standard length, 6 point

1 each	Socket, 3/8" drive, standard length, 6 point, sizes (inch):
	" 1/2, 3/8, 9/16, 5/8, 11/16, 3/4, 13/16, and 7/8
1	Square, Combination with protractor, 3 piece
1	Tape measure, 12 foot
1	Tool Box, Bottom, must have wheels
1	Universal joint, 1/4" drive
1 each	Wrench, combination, 6 point, sizes (inch):
	" 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, and 7/8
Approximate Total Required Tools	
	\$1,700.00 to \$2,200.00

THE FOLLOWING TOOLS ARE NOT REQUIRED, BUT IT WOULD BE ADVISABLE TO PURCHASE THEM WITH THE INITIAL TOOLS TO RECEIVE MAXIMUM SAVINGS:

Quantity	Description
1	Air nozzle, safety tip
1	Cotter pin puller
1	Crowfoot set, 3/8" drive, 7/16" to 1", long or short
1	Extension, 1/4", 10" length
1	Extension, 1/4", 14" length
1	File card
1	Magnet, adjustable length pick up tool
1	Mechanical fingers
1	Pliers, snap ring, 4 piece set
1	Pliers, needle nose
1	Putty knife, approx. 6"
1	Respirator, paint solids and vapors, replaceable cartridge
1	Socket, 7/8" deep, 3/8" drive, deep broach for aircraft spark plugs
1	Wrench set, angle head, 3/8" to 9/16"
Approximate Total Optional Tools	
	(\$500.00)
Approximate Total Tools Depending on which vendor you choose	
	\$1,735.00 to \$2,735.00

FIRST YEAR - FIRST SEMESTER**I. BOOKS LISTED BY COURSE** (AIRM 0101, 0103, 0104, 0107, 0120)

Descriptions	Approximate Price	
AIRM 0101 Mathematics		
Airframe Test Guide 2011	156027770X	15.00
General Test Guide 2011	1560277696	15.00
FAR/AMT 2011	1560277742	25.00
Aviation Mechanic Handbook (ASA-MHB-4)	1560275916	17.00
Dictionary of Aeronautical Terms	1560276104	20.00
AIRM 0103 Truss Structures		
Airframe & Powerplant Mechanics: Airframe Handbook	1560270233	25.00
AIRM 0104 Materials and Processes		
Aviation Maintenance Technician Handbook - General	1560277165	50.00
AIRM 0107 Forms and Regulations		
Aircraft Inspection, Repair & Alterations	1560277289	25.00
Aircraft Inspection and Maintenance Records #JS312	0884873198	22.00
Class fees (\$10.00 each for AIRM 0101, 0103, 0104, 0107, 0120) for consumable materials		50.00
Approximate Total Books - First Year		\$264.00

FIRST YEAR - SECOND SEMESTER**II. SUPPLIES AND OTHER EXPENSES** (All items are available at ISU Bookstore)

Description	Approximate Price
Compass Kit	33.00
Eraser, Pink Pearl	1.00
French Curve, 6"	2.00
Lead, 2H	1.00
Lead, 4H	1.00
Lead, DHB	1.00
Pad, Dry Cleaning	2.00
Protractor	1.00
Scale, Architecture	3.00
Sharpener, Rotating Pencil	5.00
Tape, Drafting	1.00

Template, Erasing	4.00
Triangle, 4" 30-60-90	3.00
Triangle, 6" 45-45-90	3.00
Triangle, 10" 30-60-90	3.00
Approximate Total Supplies & Other Expenses - Second Semester	\$64.00

SECOND YEAR

I. BOOKS LISTED BY COURSE AND OTHER EXPENSES

Descriptions	Approximate Price	
AIRM 221 Basic Reciprocating Engines		
Aircraft Powerplants MANDATORY	0028018745	115.00
Airframe & Powerplant Mechanic: Power	1560270241	25.00
Powerplant Test Guide 2011	1560277718	15.00
Class fees (\$5.00 for AIRM 22; and \$15.00 for AIRM 222) for consumable materials		20.00
Approximate Total Books and Other Expenses - Second Year		\$175.00

II. OTHER EXPENSES

Descriptions	Approximate Price	
FAA written testing (3 tests)	450.00	
FAA DME oral and practical testing (3 tests)	1,500.00	
Graduation Application Fee for first Certificate/Degree	20.00	
Optional fee for any additional Certificate/Degree	(10.00)	
Approximate Total Books and Other Expenses - Second Year	\$1,970.00	

Approximate Total Books & Tools - Entire Technical Program	\$4,208.00 to \$4,708.00
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Anticipate additional expenses associated with this program:
Textbooks associated with academic courses,
Daily transportation to ISU Hangar at Pocatello Airport,
 Parking, child care, housing, etc.
 You must check your class schedule to determine textbooks required by instructor.