



## HEAVY EQUIPMENT MAINTENANCE

### Tool List

Students accepted in the Heavy Equipment Maintenance program are expected to have certain tools prior to starting classes. The tools listed below should be of good quality, but do not have to be a particular brand or new. If a student has a question regarding the tool list, please contact your instructor Kevin Howland at 207 454-1066 or (cell) 557-7854, (fax) 207 454-1026. Please be sure to bring your tools to school on opening day. Drafting supplies and books can be purchased through WCCC's Bookstore.

### Required:

1. Tool box (lockable) Four-drawer mini wheeled, bottom cabinet best
2.  $\frac{3}{4}$ " socket set
3.  $\frac{1}{2}$ " drive socket set to include:  $\frac{3}{8}$ "- $\frac{11}{4}$ " sockets, 2-extensions, 1-ratchet, 1 flex bar
4.  $\frac{3}{8}$ " drive sockets set to include:  $\frac{3}{8}$ " -  $\frac{3}{4}$ " deep and standard sockets, 1- ratchet, 1-extension
5. Set  $\frac{1}{4}$ " drive sockets  $\frac{3}{16}$ "- $\frac{1}{2}$ " to include: 1-ratchet, 1-extension,
6. Wrench set  $\frac{3}{8}$ " to 1  $\frac{1}{4}$ " set, 1  $\frac{5}{16}$ ", 1  $\frac{3}{8}$ ", 1  $\frac{7}{16}$ ", 1  $\frac{1}{2}$ "
7. Screwdriver set to include: at least 3 Phillips and 3 regular blades
8. 2 ball peen hammers (16 oz. And 24 oz.)
9. Hacksaw with extra blades
10. Slip joint pliers - regular flat nose
11. Needle nose pliers
12. Channellock/water plump pliers 15 in.
13. Vise grip - type locking pliers
14. 15" adjustable wrench
15. Hex wrench set
16. Feeler gage set
17. Cold chisel set (includes small and large sizes)
18. Aligning punch - punch set (includes small and large sizes)
19. Pry bar - mechanic type
20. Coveralls
21. Leather safety toe boots - 6" or higher - MUST HAVE FIRST DAY!!!!
22. Basic function calculator
23. Digital Volt/OHM meter (fused) Fluke style
24. Torque wrench  $\frac{1}{2}$ " drive approx. 250'
25. Safety glasses - clear - Z:87 approved - MUST HAVE FIRST DAY!!!!
26. Reflective safety vest - MUST HAVE FIRST DAY!!!!
27. Diagonal cutting pliers



*Washington County Community College is an equal opportunity/affirmative action institution and employer. For more information; please call Tatiana Osmond, Affirmative Action Officer, at 454-1040*

# Heavy Equipment Maintenance Tool List

## Required:

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27. Metric 3/8 socket set
28. Metric box/open wrenches – 10 to 19 mm or more

## Optional:

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|-----------------------------|-----------------------------|
| 1. Telescope gage           | 13. Creeper (nice to have)  |
| 2. Feeler gage              | 14. Mirror                  |
| 3. Magnetic holder          | 15. Booster cables          |
| 4. Dial indicator gage      | 16. Riveter kit             |
| 5. Small telescope gage     | 17. Air chucks              |
| 6. Straight edge            | 18. Tire repair kit         |
| 7. Screw Extractor          | 19. Diesel compression gage |
| 8. Ring cleaner             | 20. Radiator pressure kit   |
| 9. Ring expander            | 21. Spark plug service set  |
| 10. Thread chaser           | 22. Pipe wrenches           |
| 11. Antifreeze tester       | 23. Grinder burrs           |
| 12. Coolant pressure tester | 24. Impact drivers/sockets  |

**Note: Any air tools should have type T fittings.**

## WCCC Tool Vendor List:

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**FASTENAL**  
19 Boggy Brook Road  
Ellsworth, ME 04605  
207-667-9069

**Gearwrench Tools**  
Glen Snyder  
NH Bragg & Sons  
92 Perry Road PO Box 927  
Bangor, ME 04402-0927  
1-800-432-7950, Voicemail 325  
207-944-3436 Cell  
gsnyder@nhbragg.com

**Johnson's True Value Hardware**  
100 North Street  
Calais, ME 04619  
207-454-2551

**MAC Tools**  
www.mactools.com  
Student Tool Program

**Matco Tools**  
www.matcotools.com  
Votech Program

**Napa Auto Parts**  
Hal Deacon  
Rier Auto Parts  
Main Street, Calais, ME 04619  
207-454-2901

**Snap-on Industrial**  
Alyssa Vieira  
207-595-5067  
alyssa.vieira@snapon.com

**ACE Hardware**  
Calais Ace Home Center  
295 North Street  
Calais, ME 04619  
207-454-2309  
[www.calaisacehomecenter.com](http://www.calaisacehomecenter.com)  
[rcaseatace1@gmail.com](mailto:rcaseatace1@gmail.com)

**NOTE: Tool vendor websites have vocational or votech registration sections that you register yourself as a student to receive discount pricing.**