

# Faceting Boot Camp, 2009 Equipment and Supplies Listing

This is also my listing of essential and recommended equipment, supplies, and references for anyone starting-out faceting.

## In the Classroom:

<u>REQUIRED</u>	<u>OPTIONAL</u>
<p data-bbox="142 583 633 619">Faceting Machine (bring your own)</p> <p data-bbox="235 657 820 989">I recommend the Facetron as my #1 choice for “bang-for-the-buck”, though Ultratec and Facette are also very good machines. I do not recommend any of the lower-end machines with a template-style protractor, and I do not recommend any of the digital read-out machines. I have not seen any of these that worked well enough to do fun complex designs easily. I do not recommend used equipment for beginner cutters, as machine problems may not be apparent to the new user.</p> <p data-bbox="142 1031 357 1066">Required Laps:</p> <ul data-bbox="235 1104 820 1224" style="list-style-type: none"><li>260 metal-bond lap for rough shaping</li><li>600 metal-bond lap for cutting</li><li>Corian or Wizard laps (at least two) for pre-polish and polishing</li></ul> <p data-bbox="142 1262 235 1297">Polish:</p> <p data-bbox="235 1335 820 1455">I will supply standard-sized containers of Voodoo Magic Pre-polish and Polish (2k OR 3k and 14k OR 50k). Alternately, I will supply a XXX Professional Polish kit.</p> <p data-bbox="142 1530 641 1566">Miscellaneous Necessary Supplies:</p> <ul data-bbox="235 1604 747 1934" style="list-style-type: none"><li>Loupe 10x</li><li>Alcohol lamp</li><li>Dops (down to 2 or 3 millimeter)</li><li>Dop Block</li><li>Dop Wax</li><li>Superglue</li><li>Alcohol (either denatured or 99% isopropyl)</li><li>Roll of toilet tissue</li><li>Goose-neck lamp</li><li>Anything essential – tweezers, scales, etc.</li><li>Spill-free swarf-collector is <b>REQUIRED</b>.</li></ul>	<p data-bbox="850 1024 1047 1060">Optional Laps:</p> <ul data-bbox="943 1098 1404 1161" style="list-style-type: none"><li>600 resin bond (by Raytech) prepolish Tin, BATT, or other polish laps you like</li></ul> <p data-bbox="850 1268 1071 1304">Optional Polish:</p> <ul data-bbox="943 1341 1461 1377" style="list-style-type: none"><li>Bring oxides or diamond polishes if you like.</li></ul> <p data-bbox="850 1493 1323 1528">Miscellaneous Optional Supplies:</p> <ul data-bbox="943 1566 1461 1780" style="list-style-type: none"><li>Optivisor</li><li>Loupe 20x</li><li>Polariscope</li><li>Dichroscope</li><li>Refractometer</li><li>Immersion liquid</li><li>Rough that you may want to evaluate or cut</li></ul>

## **Recommended Books / Publications / Memberships:**

### Books:

I think the two books that every Faceter must have on their shelf:

“Faceting for Amateurs” by Vargas is the bible of faceting.

“Introduction to Meetpoint Faceting” by Long & Steele is a very good manual on learning how to sequence meetpoint designs – a skill that is essential to cutting as well as being foundational to design work.

### Memberships / Guilds:

There are a number of Guilds for Faceters. I happen to belong to the Columbia Wilamette Faceter’s Guild (CWFG) and the United Kingdom Facet Cutters’ Guild (UKFCG). I strongly recommend membership to both these organizations, not least for their fine publications.

CWFG publishes “Facets” – a monthly newsletter that includes some new designs every month, along with informative articles on machines, techniques, history, and rock-hounding of specific interest to faceters. Individual membership is only \$25, and includes a subscription to the newsletter.

You can contact CWFG by e-mailing Jerry Bartlemay at [jerrbarlemay@cs.com](mailto:jerrbarlemay@cs.com) or by writing to the Guild at: Columbia- Wilamette Faceters Guild, P.O. Box 2136, Portland, OR 97208-2136.

UKFCG publishes “Stone Chat” – a bi-monthly full-color newsletter that is delivered to the U.S. electronically (pdf format). It contains new designs every month, as well as articles on machines, techniques, history, and international news relevant to faceters. Individual membership is only £22, and includes a subscription to the newsletter. For an extra £10 they’ll include all back-issues on a CD-ROM.

I also highly recommend their “Training Cuts Novice to Advanced Cutter” booklet, which includes a number of designs with detailed instructions and comments designed to help the starting cutter to advance rapidly. This publication is available to Guild members for the price of only £2.50 from Mike Richardson.

You may reach the UKFCG Membership Secretary Jim Finlayson at [jcf12@breathe.com](mailto:jcf12@breathe.com); Keith Tucker, editor of the UKFCG newsletter, may be reached at [ukfcgeditor@talktalk.net](mailto:ukfcgeditor@talktalk.net). Mike Richardson may be reached at [JRich633@aol.com](mailto:JRich633@aol.com).