Richard Salley – Clasp and Hinges

Students should bring the following tools to class:
safety glasses
digital caliper (available at Harbor Freight and Radio Shack for around $20)
scribe or fine point marker
basic jewelry making tools, including: round nose pliers, flat nose pliers, chain nose pliers, wire cutters
hand files or needle files
jeweler's saw and blades (#3/0 or #4/0)
small hammer
metal shears
rawhide mallet
bench pin
bench block
sandpaper/polishing papers

optional:
3" or 4" C-Clamp (or other clamp) sometimes needed to clamp bench pin to table
work light (battery operated is best)
magnifying glasses or optivisor
miter vise/jig
tube cutting jig
hole punch...1.25mm, 1.50mm and/or 1.80mm
Flex shaft and attachments for cutting/polishing
torch (propane/oxy, acetylene/oxy, butane...your choice) and quench dish

A materials fee of $40 will be collected. The materials include:
10mm x40mm 24g half-hard
12mm x 26mm 24g
8mm x 34mm 24g
sterling silver jump rings 4mm I.d.
15mm x 35mm 20g sterling
sterling silver tube 2.57mm
sterling silver tube 1.45mm
spring clasp
4mm x 15mm sterling silver tube
30mm sterling silver16g wire (2)
scrap for bottom
sterling silver jump rings 4mm
sterling silver tubing 4.5mm x 15mm
steel spring 10mm
sterling silver wire various gauges and lengths
a variety of copper and brass sheet and tubing will be supplied as well
silver solder (hard, medium, easy)
flux
handouts