

# 92Y ART CENTER

GILDA AND HENRY BLOCK SCHOOL OF THE ARTS

## Cold Connected Constructions with Alternative Materials

*Instructor: Lisa Spiros*

*Learn how to design and construct mechanical systems using cold connections to make slot and tab hinges, rivets, links and clasps. Create necklaces, chains, bracelets, cuffs or earrings, which move ergonomically with the wearer's body. These techniques can be applied to jewelry designs which incorporate **alternative materials** such as plastic, paper, fabric, found objects memorabilia or just on their own.*

### Supply List

***Jeweler's toolbox is useful, if you have one\****

1 Foot 3/32" Brass Tubing (buy set of 3 if necessary)  
(#8126) Round Brass Tube  
1 Foot 1/16" Brass Rod (buy set of 3 if necessary)  
(#8162) Round Brass Rod  
1 Foot 1/16" Brass Tubing (buy set of 3 if necessary)  
1 Sheet 18 gauge Copper sheet 6x6"  
1 Sheet 20 gauge Copper or Brass sheet 6x6"  
1 Foot each minimum of 14g, 12g, 10 gauge copper wire (round)  
2 #51 Twist drill bits  
2 #50 Twist drill bits  
2 #42 Twist drill bits  
2 #41 Twist drill bits  
2 #40 Twist drill bits  
1 Center Punch  
1 Scriber

1 4" Jeweler's Saw Frame  
1 dozen saw blades 2/0  
1 Piece beeswax  
1 cut #2 half-round hand file (cheap)  
1 Steel Block 2 1/2" x 2 1/2"  
1 Riveting Hammer  
1 Wire Clipper  
1 Round-Nose Plier  
1 Flat-Nose Plier  
1 Chain-Nose Plier (optional)  
1 Jeweler's Tweezer  
1 clamp-on V Board with wide c clamp (\$7.00)  
1 Hand Drill (*flex shaft if you have one*)  
1 3mm ball punch  
1 1.8mm ball bur  
1 2mm ball bur  
1 Sheet 400 grit sandpaper  
1 roll masking or painters tape