



Metal Jewellery Design Certificate Supply List 2018/2019

		Totals (approx)
Tab 1	From Jewellery Supplier	\$700
Tab 2	From Home/Hardware Store	\$100
Tab 3	For MJD 114 Drawing & Rendering course	\$75
Other	Metals (group purchase through class)	\$250-\$400
	Grand Total (Approx)	\$1100 - 1300

Important Notes:

Please plan ahead to ensure you have all your supplies for the first day of class or you may miss out on skill practice or projects.

Lacy West in Vancouver sells all the supplies listed under Tab 1 and will give our students 10% off on tools and include some extra 'bonus' items if you buy the full list from them. Our Tab 1 list is also on their website for easy ordering at <http://lacywest.com/> - just scroll down to the bottom of the page for *Student Tool Kits*.

Precious metals will be ordered as a group to save on costs. Be prepared to have cash available for group purchases.

We encourage students to first search out what is 'at hand' before buying. The supplies listed are the basics required for the program and by no means limit what may be purchased by students. Budgeted amounts are minimums required for projects. If a student does work above required projects, then more supplies will be necessary.

Questions? Contact Julia at julia.peters@nic.bc.ca

TAB 1: Tools and Equipment from a Jewellery Supplier

ADD TAXES, FREIGHT AND EXCHANGE WHERE APPLICABLE - 2 suppliers are given for price comparison only

All Items are mandatory for first day of class

DESCRIPTION	SUPPLIER		SUPPLIER		NOTES
	RIO GRANDE \$US		LACY WEST (LESS 10%)		
	Stock #	Price \$us	Stock #	Price	
Bee's Wax	110-022	\$4.45	26100	\$5.95	Pro-Cut from Lacy recommended
Burnishers (Rio: Set of 2)	113-028	\$8.95	18052	\$18.95	Lacy : price for 1 curved
Centre Punch-/Scribe (manual)	118-116	\$5.25	47900	\$3.95	Sharpen a nail or steel rod for \$0
Ball Burr (maillefer)			ball-024	\$2.09	2.4mm
Ball Burr (maillefer)			ball-029	\$2.09	2.9mm
Ball Burr (maillefer)			ball-040	\$2.29	4mm
Dividers (round leg)	116224	\$13.75	div3312	\$15.95	
Drill (twist) Bits - Set	342-596	\$21.50	28503	\$26.95	
File Handles	114-923	\$8.90	37820	\$9.90	For 6" File, need 2 handles@ \$4.95 ea
Files 6": Flat (#1- Swiss Cut Lacey,#2 German Rio)	114-700	\$16.75	31145	\$24.95	#2 German cut = #1 Swiss Cut
Files 6": 1/2 Round (#1 - Swiss)	114-706	\$34.95	31130	\$48.95	#3 German cut =#2 Swiss cut
Files Needle: Fine (#4) 6"	114-799	\$52.00	33907	\$47.95	#4 German cut = #3 Swiss Cut
Files Needle: Med (#2) 6"	114-797	\$48.00	33906	\$42.95	#2 German cut = #1 Swiss Cut
Graver square (3.25 mm)	118-670	\$14.95	36.200	\$12.95	need 1 @ \$12.95 from Lacy
Graver Handles (mushroom)	1180306 (5 pack)	\$5.95	37.867	\$2.95	(2 1/4") handle from Lacy
Hammer: Riveting	112-195	\$6.95	37244	\$11.95	
Hammer: Chasing	112-230	\$10.25	37186	\$59.95	best to have at least 1 1/4 " face if possible
Mallet - Rawhide	112-215	\$18.29	37702	\$29.95	Rawhide 1.5" face
Metals: Brass sheet 18 gauge	130118 (X2)	\$28.00	43401	\$39.95	12" by 12" square at Lacy West - 18 gauge
Metals: Copper sheet 18 gauge	132118 (X2)	\$32.00	43421	\$36.95	12" by 12" square at Lacy West - 18 gauge
Pliers Set of 3 (Round, Flat, Chain)	111-813	\$16.75			or Lacy @ \$10 Each listed below *
Pliers: Chain Econo Blue Handle			B438	\$9.95	
Pliers: Flat Econo Blue Handle			A438	\$9.95	
Pliers: Round Econo Blue Handle			C438	\$9.95	
Pliers: parallel jaw (MAUN brand)	111-117	\$34.75	46512	\$56.95	
Pliers, forming - 1/2 round/Flat	111-180	\$7.45	46114	\$27.95	

Continued.....TAB 1: Tools and Equipment from a Jewellery Supplier

Polishing buffs-Yellow chemkote 4"			17.540	\$27.80	purchase 4 @ \$6.95 ea
Polishing buffs- Finex Muslin 4"			17.630	\$19.80	purchase 4 @ \$4.95 ea
Saw - Jewellers 4" Throat	110-041	\$14.75	49704	\$16.95	Do not get the cheap ones.
Saw Blades 3/0 per gross (12 dz)	110-087	\$18.95	Lacy Brand	\$25.95	
Silver Solder - Easy, Medium & Hard				\$60.00	Lacy has 5 grams each @ \$20 each
Split Mandrels for sanding			14318	\$7.80	purchase 4 @\$1.95 ea
Tweezers: Cross Lock Curved	115-050	\$2.95	57761	\$2.95	
Tweezers: Cross Lock Straight	115-051	\$2.95	57760	\$2.95	
Tweezers: Utility	115-052	\$4.25	AA	\$4.95	
					<i>Less 10% Student Discount (on tools only) Lacy</i>
<i>TOTAL - Jewellery Supplier (approx)</i>		\$435 US		\$700 CAN	

Tab 2: From Home or Hardware Store

Check out our Youtube video for more details! <https://youtu.be/yKZXPf5uyX8>

These items are mandatory unless otherwise noted

Item	Notes
Binder - small, for handouts	
Box for Tools	tackle box or tool carrier
Combination lock	for locker in studio
Containers for scrap metal	with lids
Drawing /Art Supplies	if you have any!
Duct tape or masking tape	
Dust Masks (N95)	at least 5 of N95 rating w/ respirator
Emery Paper (wet/dry)- 400 grit	at least 3 sheets of each grit
Emery Paper (Wet/dry)- 600 grit	
Emery Paper (Wet/dry) - 800 grit	
Flannel rags	for storing and cleaning metals
Gloves - Leather /Welding	
Metal Snips	if you have some already
Note book	
Paint stir sticks (3)or square dowel 1/2"	
Pliers, small	if you have some already
Respirator (N770030M)	Guillevin safety equipment
Respirator cartridge (755CP100L)	Guillevin safety equipment
Safety Glasses	SEF024 or SAX442 both at Lordco
Scissors	
Soft Cloths - Tea Towels	old ones
Steel Ruler	
Tie Backs for long hair	
Tracing paper	dollar store
Total (approx)	\$100.00

EMERY EQUIVALENTS:

0 = 320 GRIT 1/0 = 400 GRIT
 2/0 = 500 GRIT 3/0 = 600 GRIT
 4/0 = 800 GRIT

Tab 3: NIC MJD 114 Drawing & Rendering Course - materials list

The following items will be required for the first class:	
1) Drawing board to accommodate 18" by 24" newsprint pad. (you can purchase purpose made boards with clips, but you can also save money by taping a couple or three sheets of stiff cardboard together or find a small sheet of plywood around the house)	Free to \$15.00
2) 11" X 14" 50-65 lb weight medium tooth sketch pad 50-100 sheets example: Canson Universal Sketch	approx \$15.00
3) 18" by 24" newsprint pad	approx \$5.00
4) 2 sticks of 2B (soft) black conte crayon	approx \$5.00
5) Quality graphite pencils; one of each HB ,2B, 4B.	approx \$6.00
6) Kneaded eraser	
7) Winsor and Newton "synthetic sable Cotman series 111 round "size 8" (8mm) brush or similar	approx \$10.00
8) Alvin math set ; or similar. (10 piece set includes metal pencil compass, alphabet stencil, 45 degree triangle, 30 and 60 degree triangle, vinyl eraser, metal divider, pencil, 6"/15cm ruler, 180 degree protractor, and sharpener). These are usually found in stationary stores under school supplies.	approx \$6-\$10.00
9) A 'T' square. Staedler-Mars 24" \$16.74 at Staples on line (Optional)	approx \$10-\$20
10) Watercolours - if you have them at home	
Total cost for drawing materials (approx)	Approx \$75

Metal Jewellery Design - OPTIONAL TOOLS & Supplies

Student may wish to purchase these additional tools to enhance their skills and learning. Many of them will be available in class for students to share while in studio.

	RIO	US\$	Lacy West	CAN\$
Advant-edge silicone polishing (60 pc set)	332-600	\$27.50	11810	39.95
Apron (denim or leather)	113-231	\$8.50	47.306	\$15.95
BURS: Cylindrical Inside Ring Burrs #34 - 11 mm	345-869	\$7.60	19.594	\$15.95
BURS: Cylindrical Inside Ring Burrs #19 - 4.7 mm	345-866	\$5.80	19.579	\$10.95
Burs: Wax Assorted	346-193	\$17.50	JX1450	\$19.95
Cratex sanding wheels (49 pc set)	332-009	\$49.00	10756	\$79.95
Diagonal / Flush Cutters	111-015	\$26.95	46058	\$29.95
Digital caliper	115-189	\$21.99	canadian tire	\$42.99
File Cleaning Brush	114-471	\$7.25	33981	\$12.95
Files 6 " : Flat (#3 - German Cut) Lacy -Cut 2	114-701	\$17.75	31146	\$25.95
Files 6 " : Flat (#5 - German Cut) Lacy - Cut 4	114-703	\$23.75	31148	\$28.95
Files: Reg for Wax (Vul-Crylic file)			31384	\$46.95
Mandrel - round bezel	112-581	\$24.95	A18348	\$34.95
Mandrel - round ring		\$29.50	RL16	\$54.95
Mandrel - oval bezel	n/a		SO	\$69.95
Mandrel - snap on (order at least 2)	333-127	\$7.45 (6)	14313	\$2.95
Marker-fine tip black (sharpie)			canadian tire	\$3.95
Metals: 20 gauge brass sheet (12" by 12")	130-120	\$12.00	43402	\$31.95
Metals: 20 gauge copper sheet (12" by 12")	132-120	\$13.00	43422	\$33.95
Mitre vise	112-700	\$48.50	vis55000	\$89.95
Pitch Bowl: 8" (Rio set of both)	118-077	\$32.95	25403	\$39.95
Pitch Bowl pad for 8" bowl	incl	incl	25457	\$13.95
Pitch: Red 2KG	118-074	\$45.00	A1092	\$79.95
Pliers: parallel jaw	111-324	\$24.95	46512	\$56.95
Shop Shears or Snips (for metal)	111-237	\$13.45	53800	\$16.95
Steel Block (4" by 4")	115-315	\$22.95		\$49.95
Steel Square (very Small)	116-246	\$36.00	116246	\$38.95
Scriber: Waller	118-459	\$6.75	52.950	\$12.95
Universal work holder	113-089	\$13.25	26500	\$22.95
Ring clamp-Hardwood Mahogany	113-106	\$21.95	RI101	\$11.95
Snap on mandrel discs 3/4: medium box of 50	336-561	\$8.45	moore's	\$5.95

Metal Jewellery Design Certificate

List of Possible Suppliers for Student Supplies

This is a reference list only. There are many suppliers of jewellery tools and equipment. Students are encouraged to seek out other sources and do their own research for best prices. Note that any one supplier may not have all the supplies on the preceding lists.

Local Suppliers			
Business Name	Email	Address	Telephone
Eagle Gem & Gifts Ltd		102-2270 Cliffe Ave., Courtenay	250-897-0502
Adventure Hobbycraft Inc.	info@adventurehobbycraft.com	2550 S. Island Hwy, Campbell River	250-923-8011
PJ's Arts & Custom Framing	littlecitysigns@shaw.ca	1365 Cliffe Ave., Courtenay	250-338-2622
North Island College bookstore		2300 Ryan Rd., Courtenay	250-334-5013
Mystic Earth Creations	info@mysticearth.ca	100-940 Island Hwy, Campbell River	778-346-3366
Lower Mainland Suppliers			
Business Name	Email	Website	Telephone
Lacy West Jewellery Tools & Supplies	lacy@lacywest.com	http://lacywest.com/	604-669-5229
Capilano Rock & Gem	info@capilanorock.ca	https://www.capilanorock.ca/	604-987-5311
Page & Wilson	sales@pwltd.com		604-685-8257
Mountain Gems	info@mountaingems.com	http://www.mountaingems.com/	604-298-5883
Western Gem & Minerals	no website	5631A- 176A Surrey, BC V3S 4G8	604-574-1980
Canadian Suppliers			
Business Name	Email	Website	Telephone
Gesswein Canada	sales@gessweincanada.com	http://www.gessweincanada.com/	1-800-263-6106
Perrin (H&W Perrin Co)		http://www.perrinwatchparts.com/	1-800-387-5817
Umicore	canada-salesweb@am.umicore.com	http://www.umicorepreciousmetals.com/	1-800-263-1669
US Suppliers			
Business Name	Email	Website	Telephone
Fire Mountain Gems	questions@firemtn.com	http://www.firemountaingems.com/	1-800-355-2137
Rio Grande	info@riogrande.com	http://www.riogrande.com/Home	1-800-253-9738