

# Metals Courses

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## Courses

### **MTLS 2303. Metals I.**

Metals I: [TCCN ARTS 2341] An examination of several basic metal techniques-sawing, soldering, forming, cold connections, and surface finishes. Six hours in studio per week. MTLS 2303 may be taken concurrently with ARTF 1303 and 1304. Course fee required.

**Department:** Metals

**3 Credit Hours**

**6 Total Contact Hours**

6 Lab Hours

0 Lecture Hours

0 Other Hours

**Prerequisite(s):** (ARTF 1301 w/D or better ) AND (ARTF 1302 w/D or better ) AND (ARTF 1303 w/D or better ) AND (ARTF 1304 w/D or better)

### **MTLS 2313. Metals II.**

Metals II (0-6) (Common Course Number ARTS 2342) Exploration of forging and hollow construction techniques will be covered for the first half of the semester. The last six weeks will cover the basics of lost wax casting with various metal alloys. Six hours in studio per week. Prerequisite: MTLS 2303 and ARTF 1304. Course fee required.

**Department:** Metals

**3 Credit Hours**

**6 Total Contact Hours**

6 Lab Hours

0 Lecture Hours

0 Other Hours

**Prerequisite(s):** (MTLS 2303 w/D or better ) AND (ARTF 1304 w/D or better)

### **MTLS 3303. Metals III.**

Metals III (0-6) Concentrated work on metal construction techniques including marriage of metals, hammer inlay, mokume and mechanisms. Six hours in studio per week. Prerequisite: MTLS 2313. Course fee required.

**Department:** Metals

**3 Credit Hours**

**6 Total Contact Hours**

6 Lab Hours

0 Lecture Hours

0 Other Hours

**Prerequisite(s):** (MTLS 2313 w/D or better)

### **MTLS 3313. Metals IV.**

Metals IV (0-6) Continuation of Metals III with emphasis on die-forming, repousee and chasing. Six hours in studio per week. Prerequisite: MTLS 3303. Course fee required.

**Department:** Metals

**3 Credit Hours**

**6 Total Contact Hours**

6 Lab Hours

0 Lecture Hours

0 Other Hours

**Prerequisite(s):** (MTLS 3303 w/D or better)

### **MTLS 3323. Metals V.**

Metals V (0-6) Concentration on various forming techniques, angle raising, shell forming and construction, and work on a problem dealing with a series. Six hours in studio per week. Prerequisite: MTLS 3313. Course fee required.

**Department:** Metals

**3 Credit Hours**

**6 Total Contact Hours**

6 Lab Hours

0 Lecture Hours

0 Other Hours

**Prerequisite(s):** (MTLS 3313 w/D or better)

**MTLS 4303. Metals VI.**

Metals VI (0-6) Emphasis on advanced metal design with individual investigation. Six hours in studio per week. Prerequisite: MTLs 3313. Course fees required.

**Department:** Metals

**3 Credit Hours**

**6 Total Contact Hours**

6 Lab Hours

0 Lecture Hours

0 Other Hours

**Prerequisite(s):** (MTLS 3313 w/D or better)

**MTLS 4313. Metals VII.**

Metals VII (0-6) Emphasis upon individual direction and achievement. Minimum of six hours in studio per week. Prerequisite: MTLs 3313. Course fees required.

**Department:** Metals

**3 Credit Hours**

**6 Total Contact Hours**

6 Lab Hours

0 Lecture Hours

0 Other Hours

**Prerequisite(s):** (MTLS 3313 w/D or better)

**MTLS 4323. Special Problems In Metals.**

Special Problems In Metals (0-6) Emphasis on individual direction and achievement. Minimum of six hours in studio per week. May be repeated for credit if problems vary. Prerequisite: MTLs 3313. Course fees required.

**Department:** Metals

**3 Credit Hours**

**6 Total Contact Hours**

6 Lab Hours

0 Lecture Hours

0 Other Hours

**Prerequisite(s):** (MTLS 3313 w/D or better)