



Instrument Shop
Electrical and Computer Engineering
201 Hopeman Building

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The shop is equipped with a full complement of machine tools, Bridgeport mill, high precision tool lathe, large capacity engine lathe, 18" band saw, table saw, drill press, sand blaster, sanders and grinders, and specialized tooling to compliment the equipment.

We offer full design and construction for mechanical and electrical projects, and hard to solve problems for classroom and research projects. We can offer vendor suggestions for purchases, space organization, UR Facilities interface for repairs, upgrades, and renovations. We also have an extensive library of catalogs and can suggest and order for whatever your needs are.

This is a partial list of the items that are stocked and available in the Instrument Shop at 201 Hopeman

ABRASIVES

- ❖ sandpaper, scotch brite, buffing, grinding

ADHESIVES

- ❖ glues, tapes, epoxy, super glue,

AIR FITTINGS

- ❖ valves, regulators, tubes,

ANCHORS

- ❖ wall, dry wall cement

BAGS

- ❖ plastic, paper

BALLS

- ❖ plastic, steel, brass

BATTERIES

- ❖ AAA, AA, C, D, 9V, sub C, micro, watch

BOTTLES

- ❖ storage, plastic, glass

BRACKETS

- ❖ "T", angle, gas-bottle

BRUSHES

- ❖ paint, chip, cleaning

CABLES

- ❖ electronic test, control, computer, power, custom made

CASTERS

CHAIN

- ❖ some fittings

CHEMICALS / CLEANERS

- ❖ soap, 409, alcohol, acetone, etc.

CLAMPS

- ❖ "C", bar, ratchet

CONNECTORS

- ❖ electrical, pipe, mini, hose

ELECTRICAL PARTS / COMPONENTS

- ❖ AC / DC. Components, bread boards, enclosures, etc.

FANS

- ❖ computer, box

FELT

FIBERGLASS CLOTH

- ❖ epoxies resin

GASKETS

- ❖ "O" rings, gasket material, cement

GLOVES

GROMMETS

HEATSHRENK

HEATERS

FASTENERS

- ❖ nuts / bolts, machine screws, nails, wood screws, metric, stainless steel.

HINGES

HOSE / FITTINGS

- ❖ Tygon, rubber, plastic,

HOT MELT GLUE

LABELS

LIGHT BULBS

LOCKS AND CABLES

LUBRICANTS

- ❖ grease, oil, PTFE, molly, silicone, WD-40, Lube 1

MAGNETS

MOTORS

- ❖ AC/DC

MATERIALS OF ALL TYPES

- ❖ wood, plastics, steel, aluminum, brass, copper, rubber, nylon, glass

PACKING MATERIALS

- ❖ tape, bubble wrap, boxes

PAINT

PNEUMATIC PARTS

- ❖ regulators, pipe, fittings

POWER STRIPS

PUMPS

SAFETY EQUIPMENT

SCALES

- ❖ 0-500 lbs

SPRINGS

TAPE

- ❖ electrical, double side, paper, copper, SS tape, PTFE,

TEST EQUIPMENT

- ❖ DVMM, scopes, seg generators, testers, speed (RPM), temperture

TOOLS

TRASH BAGS

TUBING

- ❖ copper, glass, Tygon, PVC, SS, steel, plastic, rubber

WATER

- ❖ DI Water

WIRE

- ❖ cables, hook-up, power, magnet, bare