January 2016 Workshops
Fabrication Shop & Digital Lab

**Hairpin Table by Semar Prom & Tonia Chi  $495**

In this class students will learn fundamental techniques behind wood and metal working by constructing a classic mid-century inspired hairpin leg table with shelf. Via demonstrations and discussions, as well as hands-on efforts, woodworking skills include making the cherry table top (measuring, marking, milling, laminating, joining, and finishing); metalworking skills include making the hairpin legs (marking, measuring, cutting, grinding, bending, drilling, MIG welding, TIG welding, and finishing). Students will be able to customize the height and angle of their hairpins as well as the dimensions of their top and shelf to make coffee tables, side tables, console tables, or small desks. (Costs includes: the cold-rolled steel, Cherry wood, and all consumables required to build the table.)

- **Requirement**: must be 18 or attend with guardian/parent
- **Spring 2016**: January 11th through 15th; 5 – 5 hour sessions, 10 am to 4 pm
- **Minimum 8 attendees to a maximum of 12 attendees**
- **Location**: Fabrication Shop, Wurster Hall

**3D Plastic Printer Intensive by Chris Palmer $899**

This 3D printing introduction Intensive will guide students through the process of unboxing, setting up and printing for the first time on a Prinrbot Play (4”x4”x5”) 3D printer. Topics will include: general 3D printing modeling tips, an overview of slicing software choices, and an introduction to one free slicing software with setting templates and general instruction about how to prepare prints. Simple repairs and what to expect and learn further as you enter the world of 3D printing will also be covered. (Cost includes: the Metal Prinrbot Play 3D plastic printer, white PLA (biodegradable) printing plastic, open-sourced 3D printing software, and blue tape.)

- **Requirement**: bring your own laptop, with charged battery
- **Spring 2016**: January 16th and 17th; 2- intensive sessions, 10:00 am-5:30 pm (each day will have two 30 min breaks)
- **Minimum 6 attendees to a maximum of 10 attendees**
- **Location**: Cal Design Lab, 494 Wurster Hall

Choose carefully, no refunds unless workshop is cancelled.

Sign up in person at 477 Wurster (south tower) or
Sign up on line at [http://www.regonline.com/2016ShopWorkshops](http://www.regonline.com/2016ShopWorkshops)