

Introduction to CNC Routing with VCarve Pro (Parkland Class)



Class Code: PAT101617

Description: The CNC router is a tool for cutting and carving wood. It is widely used to achieve high accuracy and repeatability while decreasing production time. This tool is now available to the small woodworking shop, furniture maker and woodworking hobbyist. The key to using CNC technology is the Computer aided Design (CAD) and Computer Aided Manufacturing (CAM) software. This class will provide an introduction to CNC routers and teach the fundamentals of CAD/CAM software using a popular package, VCarve Pro. You will create your own wooden sign which you will carve on one of our CNC machines at CU Woodshop School of Woodworking.

Instructor: Allan Tuchman (ATuchman@CUwoodshop.com)

Class Dates and Times: 10/16/2017 – 10/23/2017
3 evenings; Mon(s) and Wed, 6pm-9pm

Total Classroom time: 9 hours (2 weeks)

Class Location(s):

- the 3 class sessions will be held at the Parkland College Business Training Center, 1315 North Mattis Ave, Champaign;
- 2 additional hours (to be arranged) will be at the CU Woodshop School of Woodworking, 1302 Parkland Court, Champaign, for access to the CNC machines.

Number of students: 6 (min) to 12 (max)

Prerequisites/skill level required: Students must be comfortable working with Windows PC's and using a computer mouse. Experience with design, graphics, or photo editing software is helpful.

Cost: \$245 (all materials and supplies included)

Comments: A free trial copy of VCarve Pro can be downloaded from www.vetric.com
Students are encouraged to bring their own safety glasses and hearing protection.