



CAREER CHALLENGE DAY WORKSHOPS

Some workshops will take place outdoors - please wear appropriate clothing: boots, pants, a jacket, and things you can get dirty! It is often chilly in some of the classrooms, please dress accordingly!

Advanced Manufacturing: How can one day change your world? There is currently high demand for professionals in the Advanced Manufacturing career field. Engineers, technicians, machinists and welders are in short supply, and women represent too small a portion of this workforce. If you can imagine yourself creating the products of tomorrow the world needs now, spend a day with our team in Advanced Manufacturing and experience what it feels like to make the products of tomorrow. You can be the change you want to see in the world.

Automotive Technology: Everyone owns, operates, or rides in a car. Automotive Technology teaches students about all systems of an automobile in a real shop setting with customers. Work with students in the program to understand suspension systems, operate a tire balancer, and have a lot of fun doing it!

Construction Trades & Management: Come to this workshop and operate lathes, routers, planers, a scroll saw, sanders, and a thermal imaging camera. Every year Construction Trades & Management students are involved in a contracting project as well as units on furniture, crafts, timber framing, and a program-related technology project of their choice. Construction Trades & Management links to careers such as carpentry, civil engineering, building inspection, tiling, painting, electrical wiring, kitchen design, and more.

Criminal Justice/Cybersecurity: Spend the day with us to begin your journey in the exciting and fast-paced world of criminal justice and cyber security. Find out if a career in investigations, policing, national security or military service is right for you!

Diesel Technology: Come and check out the world of big rigs and heavy equipment and learn about the technology of modern diesel engines and how they move. We will be looking at engine torque, transmission ratios, axle ratios, tire size and how this all effects how our car or truck performs. We will start in the classroom learning the formulas to have proper performance and then we will put our knowledge to work in the shop.

Digital Filmmaking: Digital Filmmaking is all about bringing your ideas to life. Workshop participants will into dig into their creative side by learning how to operate a camera, set up lights, and edit video.

Diversified Agriculture: Join us to make apple cider, try a plasma cutter and work with plants in our heated greenhouse and high tunnel. In the Diversified Agriculture program, students learn what it takes to be successful in agriculture in Vermont, learning plant, soil, and animal sciences through hands on learning in our greenhouse and farm operation and working with local farmers. Come learn to feed your neighbors and leave with the ability to operate a tractor, blacksmith and weld.

Environmental Resource Management: Come spend the day with us; we use chainsaws and make world-famous Vermont maple syrup. The ERM program links to careers such as environmental conservation, watershed management, wildlife and forestry. Come take part in using a chainsaw, running a sawmill and more.