



**SMITH VOCATIONAL AND AGRICULTURAL  
ADULT COMMUNITY EDUCATION**

80 Locust Street, Northampton, MA 01060  
[SmithACE.org](http://SmithACE.org) or 413.587.1414 x3530



## WELCOME

Funded by a bequest from Oliver Smith whose niece, Sophia Smith, later endowed Smith College and Smith Academy, Smith Vocational and Agricultural High School opened for students in 1908 as the first vocational school in Massachusetts. This winter, we are excited to be able to offer you, our local community, over 30 hands-on workshops in a variety of subjects ranging from welding to farm-to-table cooking.

### Adult Education Administration

Kevin Farr, Interim Superintendent

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### Accreditation Standards:

New England Association of Schools and Colleges (NEASC)

MA Board of State Examiners of Electricians approved school

MA Board of State Examiners of Plumbers and Gas Fitters approved school

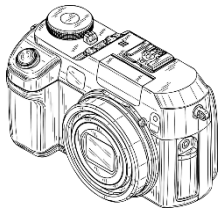
MA Department of Career Services approved eligible training provider

National Restaurant Association approved training courses

Occupational Safety and Health Administration approved training courses

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## ADOBE PHOTOSHOP FOR PHOTOGRAPHERS

Learn to use Photoshop Creative Cloud to take creative control of your photography. You will learn fundamentals from understanding different file types all the way to understanding advanced concepts like layers, masks and compositing techniques. Each class is dedicated to learning a new aspect of digital photo editing like retouching tools, color and detail enhancement strategies, working with brackets and image stitching, while also providing time to review the information from the prior class.

This is a beginner to intermediate class requiring no prior Photoshop or Lightroom experience and it will be using the Adobe Creative Cloud Photography plan versions of both PS and LR. Although the emphasis is on Photoshop, there will be a discussion of the role Lightroom plays in a photographer's workflow.

This series of 6 classes is being taught by Braden Chattman, director of digital education at the Hallmark Institute of Photography for 8 years and co-founder of Chattman Photography. Classes meet for 2.5 hours once per week for 6 weeks.

**Time:** Thursdays, 6 – 8:30 pm, March 23, 6 weeks

**Locations:** Smith Vocational and Agricultural High School

**Cost:** \$225 for all 6 classes

## ANATOMY & PHYSIOLOGY

**Prerequisite:** Medical Terminology

This human anatomy & physiology course is recommended for those entering the health field, especially Medical Coding. It is designed to explore and understand the body's structure and investigate the functions for living things. This course provides you with information on all the body systems. Multimedia learning tools and “take with you” materials and resources are included in every class. Students are required to purchase the following textbook prior to the start of class: *Anatomy, Physiology, and Disease for the Healthcare Professional*, 3rd Edition, ISBN: 978-0073402222.

**Time:** Mondays and Wednesdays, 5:30 – 8:30 pm, May 1, 4 weeks

**Locations:** Smith Vocational and Agricultural High School

**Cost:** \$360 for all 8 classes

## AUTOMOTIVE REPAIR AND MAINTENANCE

Automotive Repair and Maintenance assumes little or no prior experience repairing and maintaining cars, trucks, motorcycles or other motor vehicles. This course will be ideal for non-professionals that are interested in performing their own maintenance and repairs or making more informed maintenance and repair decisions. It is also perfect for entry level technicians that have not yet had the opportunity to learn in a classroom or formal setting the do's and don'ts/how's and why's of mechanics.

In this class we will cover shop safety, tools, fluids and filters, vehicle inspections, basic diagnostics, electrical CAN/BUS systems, belts and hoses, fasteners and threaded assemblies, charging systems, brakes, tires and suspension. In consideration of the professional needs of the students in the class, we will base much of the testing on current ASE guidelines so that, after completing the class, students will be able to take and pass more than one ASE certification test.

This series of 8 classes is being taught by fleet maintenance technician Brian Soddors, ASE Certified Master Automotive Technician and ASE Certified Diesel Engine Technician. Classes meet for 2 hours once per week for 8 weeks.

**Time:** Thursdays, 6 – 8 pm, April 6, 8 weeks

**Locations:** Smith Vocational and Agricultural High School

**Cost:** \$260 for all 8 classes

## BANDSAW BOXES

Design and build bandsaw boxes. This project allows the student to apply many aspects of detailed woodworking into a unique and beautiful piece. Students will be required to review safety procedures on the bandsaw, face planer, thickness planer, table saw, drill press, spindle sander and orbital sander among others.

Research and/or design a bandsaw box. Draw out ideas and finalize on paper, transfer design to prepared wood blank once design and dimensions are determined. Choose wood species, mill and prepare for glue up of required blank. Each student will approach the creation of their project differently depending on complexity and scope of design including cutting, sanding and finishing.

This series of 4 classes is being taught by Christophy Killion from Smith Vocational and Agricultural High School's cabinetry/carpentry department. Classes meet for 3 hours once per week for 4 weeks.

**Time:** Tuesdays, 5:30 – 8:30 pm, May 2, 4 weeks

**Locations:** Smith Vocational and Agricultural High School

**Cost:** \$180 for all 4 classes (plus \$30 materials payable to instructor)

## BEER BREWING

This course will give the student who is new to craft brewing an overview and hands on experience brewing beer and beer tasting, judging and appreciation. The first class will be an introduction to the course that will cover the basics of brewing beer at Smith Vocational High School, 80 Locust Street, Northampton. The next classes will take place at Brew Practitioners Brewery and Taproom, 36 Main Street, Florence. We will also conduct one partial class in downtown Northampton to learn about beer judging, tasting and sampling as well as one full class visiting local craft breweries to get another brewer and brewery perspective.

All equipment and materials will be supplied to the student. Upon successful completion of the class, students will have assisted in brewing a batch of beer from preparation to bottling. Our final class will conclude with a keg tapping, tasting and celebration at Brew Practitioners. Students must be 21 years of age or older.

This series of 6 classes is being co-taught by Joe Eckerle, Brew Practitioners' head brewer, and Mike Brooks, Smith Vocational collision repair teacher and experienced home brewer. Classes meet for 2 hours once per week for 6 weeks.

**Time:** Tuesdays, 6 – 8 pm, April 4, 6 weeks

**Locations:** Smith Vocational - first class and Brew Practitioners next 5 classes

**Cost:** \$240 for all 6 classes (plus \$40 for materials payable to instructors)

## BICYCLE REPAIR

Want to learn how to fix a flat? Or dial in your brakes? Or even straighten a wheel? This course covers bike maintenance, detailing the different parts of a bicycle and how the parts work together.

The first class will be an introduction to the course and cover flat repair at Smith Vocational High School, 80 Locust Street, Northampton. The next 3 classes will take place at Full Circle Bike Shop, 30 North Maple Street, Florence. For these classes, repair stands will be available for you to learn techniques on your own bicycle. Your kids are welcome to join you if they are interested in learning how to fix their bikes too!

This series of 4 classes is being taught by Full Circle Bike Shop owner, Jason Graves. Class size is limited to 4 students, assuring everyone a place to work. Classes meet for 2 hours once per week for 4 weeks.

**Time:** Tuesdays, 6 – 8 pm, April 4, 4 weeks

**Locations:** Smith Vocational - first class and Full Circle Bike Shop - next 3 classes

**Cost:** \$160 for all 4 classes

## CADD – SOLIDWORKS

A comprehensive introductory CADD (Computer Aided Design and Drafting) course intended to develop now indispensable fundamental skills required to effectively participate in any innovative contemporary design endeavor. Curriculum will cover three-dimensional computer modeling of individual parts and assemblies and critical dimension drafting of related geometrically toleranced production drawings.

This series of classes is being taught by Alan Chapdelaine, retired design draftsman and consultant for many of the world's most prestigious corporations including Lockheed, United Technologies, GE, Westinghouse, Ford and Polaroid. Classes meet for 1 1/2 hour once per week for 8 weeks.

**Time:** Thursdays, 6:00 – 7:30 pm, April 27, 8 weeks

**Location:** Smith Vocational and Agricultural High School

**Cost:** \$180 for all 8 classes



## ELECTRICAL CODE AND THEORY

### *Apprentice – Journeyman - Master*

Would you like to become a licensed journeyman electrician? According to the MA State Board of Electrical Examiners, before you take the licensing exam you must complete: 8000 hours of employment (approximately 4 years) as an apprentice under the direct supervision of a holder of a MA Class B Journeyman's license and 600 hours of classroom instruction (8 modules – approximately 75 hours each) in electrical code and theory from an approved school based on the current National Electrical Code. There is no set order for the two requirements listed above. For example, you may start working as an electrical apprentice first, or you may start classes first, or do both concurrently.

These courses are being taught by Chris Kelly and Paul Chandler, electrical teachers at Smith Vocational and Agricultural High School. Classes meet weekday evenings (3 hours twice per week for 12 1/2 weeks) so that you can work and go to school. Enrollment is limited to 20 students.

**Tier I:** Mondays and Wednesdays, 6 – 9 pm, 12 1/2 weeks

**Tier II:** Tuesdays and Thursdays, 6 – 9 pm, 12 1/2 weeks

**Location:** Smith Vocational and Agricultural High School

**Cost:** \$600 per 75 hour module (textbooks not included)

## FLY TYING

There is an amount of excitement and satisfaction when you catch a fish on a fly you tied yourself. Learn the basics of fly tying so you can create and tie your own flies. We will explain the tools and techniques needed to get you started. All equipment and materials will be provided. Flies tied will be yours to keep. These classes are limited to 6 people.

Both of these classes are being taught by Mike Didonna, owner of Deerfield Fly Shop.

**Times:** Wednesday, 6 – 9 pm, March 15

**Location:** Smith Vocational and Agricultural High School

**Cost:** \$35 per 3 hour class

## GLUTEN FREE COOKING AND BAKING

Many people are discovering that they have allergies or sensitivities to gluten, and feel better choosing a diet without it. In this class I will show you how many favorite dishes can easily be made gluten free using whole food ingredients. We will explore alternative flours, make our own gluten free flour mixes that can be used in a variety of recipes, and learn some new recipes for healthy, satisfying meals and baked treats. We will make a variety of dishes including quiches, cookies, pastas, cakes and muffins and have one class session devoted to problem solving and participants' specific requests. This series of 4 classes is being taught by Molly Merrett – former farmer, passionate cook and the chef and owner of Beets & Barley Catering. Classes meet for 2 1/2 hours once per week for 4 weeks.

**Time:** Wednesdays, 6 – 8:30 pm, March 8, 4 weeks

**Location:** Smith Vocational and Agricultural High School

**Cost:** \$150 for all 4 classes (plus \$40 for materials payable to instructor)

## GOOGLE DOCS AND DRIVE

Learn the basics of Google's online word processor and collaboration tool in this two-hour workshop. You'll learn to create new documents in the Google Docs format, as well as how to work with Word documents in Google Docs and how to convert Word documents to Google Docs. You'll learn basic formatting and editing techniques in Google Docs, such as setting paragraph styles and line spacing, and you'll learn to use the Paint Format Tool to copy formatting easily. You'll also learn to edit a Google document by adding images, comments, and headers and footers. You'll practice working with the revision history to view older versions of documents, and you'll learn how to translate a Google document into another language. Since Google Docs is primarily a collaboration tool, you'll also learn how to share documents with collaborators and how to set permission levels.



## GOOGLE SHEETS

Learn the basics of Google's online spreadsheet program in this two-hour workshop. You'll learn to create new spreadsheets in the Google format, as well as how to work with Excel spreadsheets in Google Sheets and how to convert Excel spreadsheets to Google Sheets. In addition to a review of basic formulas, you'll learn formatting and editing techniques, including shortcuts for selecting a range of cells, viewing a spreadsheet, using AutoFill to create a series of items, inserting/deleting rows and columns, and sorting and filtering data. You'll also learn how to use basic functions in Sheets, including =SUM, =AVERAGE, =COUNT, =MAX and =MIN. Since Google Sheets is primarily a collaboration tool, you'll also learn how to share spreadsheets with collaborators and how to set permission levels.

## GOOGLE FORMS

Learn the basics of Google's online word processor and collaboration tool in this two-hour workshop. You'll learn to create new documents in the Google Docs format, as well as how to work with Word documents in Google Docs and how to convert Word documents to Google Docs. You'll learn basic formatting and editing techniques in Google Docs, such as setting paragraph styles and line spacing, and you'll learn to use the Paint Format Tool to copy formatting easily. You'll also learn to edit a Google document by adding images, comments, and headers and footers. You'll practice working with the revision history to view older versions of documents, and you'll learn how to translate a Google document into another language. Since Google Docs is primarily a collaboration tool, you'll also learn how to share documents with collaborators and how to set permission levels.

These 2 hour Google classes are being taught by Manny White, director of training at Pioneer Training, a company providing businesses and educational institutions in the Pioneer Valley with computer training, programming, and software services since 1990. Manny has been teaching computer classes since 1994 and is a certified Microsoft Word expert.

**Google Docs and Drive:** Tuesday, 5:30 – 7:30 pm, April 25

**Google Sheets:** Tuesday, 5:30 – 7:30 pm, May 2

**Google Forms:** Tuesday, 5:30 – 7:30 pm, May 9

**Location:** Smith Vocational and Agricultural High School

**Individual Class:** \$35 for each class plus \$15 for materials (spiral bound notebook and practice files) payable to instructor

**Series of 3 Classes:** \$75 for all 3 classes plus \$45 for materials (spiral bound notebooks and practice files) payable to instructor

*Save \$10 per class if you register for the Google Docs/Drive, Forms and Sheets series.*

## GED® (HISET®)

Formally known as the GED®, HiSET® is a revised exam designed to better prepare students who are looking to enter post-secondary educational programs, job training programs, and also obtain more successful career opportunities. This course will cover critical thinking skills, math, reading, and writing. A basic knowledge of using a computer will be helpful, as the test will be administered by computer. Students must have access to a computer during this course. This series of 20 classes is being taught by Virginia Lagana, remedial reading and math teacher for more than 15 years. Class size is limited to 12 students.

**Time:** Tuesdays and Thursdays, 6 – 8 pm, March 7, 10 weeks

**Location:** Smith Vocational and Agricultural High School

**Cost:** \$250 for all 20 classes

## HOME REPAIRS WITH STAN-THE-FIXIT-MAN

Practical basic repairs around the home that inexperienced and unskilled homeowners and other adults can perform including carpentry, plumbing, electrical, windows, doors, screens, locks, tile, and sheetrock. Emphasis placed on safety and proper use of tools.

This series of 7 classes is being taught by Stan Pollack, aka Stan-the-Fixit-Man, a professional handyman for over 35 years. Classes meet for two hours once per week for 7 weeks.

**Time:** Tuesdays, 7 – 9 pm, February 28, 7 weeks

**Location:** Smith Vocational and Agricultural High School

**Cost:** \$210 for all 7 classes



## HOMEOWNER PLUMBING SKILLS

Have you ever wanted to know about preventative maintenance for your boiler, water heater, or plumbing fixtures in general? We can teach you! Is there a weird noise coming from your garbage disposal or sink faucet? We'll show you how to take it apart and find a solution to the problem. Do your tub and sink drain slowly? We can show you how to properly snake the lines and use a plunger on fixture drains.

## HOMEOWNER PLUMBING SKILLS (CONTINUED)

This course will cover basic plumbing repairs that the “happy homeowner” can do. This course will teach you about the basic tools all homeowners should have in their arsenal. Hands-on demonstrations on how to use the tool properly and safely will take place. We will cover things like resetting toilets properly, fixing leaky faucets and shower valves, tricks to installing new fixtures, how to fix leaks in various materials of piping; including soldering and brazing techniques.

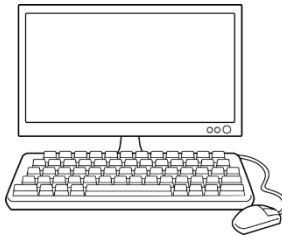
Water heater maintenance, home winterization, and basic backflow prevention will be taught. We may even sprinkle in some basic heating appliance knowledge as well. These classes are designed to instruct on the basics plumbing issues that may arise in one’s home, of course we cannot teach everything there is to know, but we will sure get our feet wet! This Homeowner Plumbing Skills course is open to all adults of any age. You do not need to be a homeowner to attend. All are welcome.

This class is being taught by Smith Vocational and Agricultural High School (Skills USA champions) plumbing teacher, Armand Lamour. Classes meet for 2 hours once per week for 8 weeks.

**Time:** Tuesdays, 5:30 – 7:30 pm, April 4, 8 weeks

**Location:** Smith Vocational and Agricultural High School

**Cost:** \$240 for all 8 classes (plus \$30 materials payable to instructor)



## HTML AND CODING

Basic web development for future IT professionals: Code Management/Git, HTML Bootstrap, CSS, and JQuery. Students will create a website and publish it on the web as well as a code repository in the cloud. Class content is suitable for all ages and abilities. This series of four classes is being taught by Pete Olsen – senior computer scientist with ISO New England for 12 years and developer and system administrator for Odyssey Consulting. Classes meet for two hours once per week for four weeks.

**Time:** Tuesdays, 6 – 8 pm, March 21, 4 weeks

**Location:** Smith Vocational and Agricultural High School

**Cost:** \$100 for all 4 classes

## MEDICAL CODING

**Prerequisites:** Medical Terminology, Anatomy & Physiology, and basic computer experience.

Hybrid course with in depth medical coding designed with hands-on approach to working with ICD and CPT coding books. Upon completion, you will have a solid, working knowledge of coding in a physician's/outpatient office. As a blended/hybrid course, there will be 6 three-hour classes that are web facilitated, computer mediated instruction. The online environment is student interactive and has teacher-assisted activities. The online segment of the course is required and fulfills a necessary criteria to qualify for the exam. Emphasis is placed on accurate coding selection, following approved guidelines, compliance, correct sequencing of multiple diagnoses, procedure codes, and special concentration on modifiers. This class will serve as a building block to Medical Coding II with CPC Certification Exam Prep.

This series of twelve classes is being taught by Jessica Andrews, Coder II/Clinical Documentation Specialist at Cooley Dickinson Hospital.

**Time:** Mondays and Wednesdays, 5:30 – 8:30 pm, TBD, 6 weeks

**Location:** Smith Vocational and Agricultural High School

**Cost:** \$600 for all 12 classes



## MEDICAL TERMINOLOGY

If you are interested in health care, then this course is a must! This course serves as a prerequisite for many allied health careers. Build your medical vocabulary, understand terms associated with the function of the human body and learn the spelling of medical terms. Learn word elements of the anatomy, physiology, pathology and other related areas in the field of medicine. Abbreviations, prefixes and word building exercises will be included.

This series of eight classes is being taught by Jessica Andrews, Coder II/Clinical Documentation Specialist at Cooley Dickinson Hospital.

**Time:** Mondays and Wednesdays, 5:30 – 8:30 pm, March 27, 4 weeks

**Location:** Smith Vocational and Agricultural High School

**Cost:** \$360 for all 8 classes

## **MICROSOFT EXCEL - TIPS, TRICKS AND SHORTCUTS**

This workshop will present our favorite tips, tricks and shortcuts that we have collected and developed over 20 years of teaching and using Microsoft Excel. Topics will include shortcuts for selecting ranges, using autofill to create a series of dates or numbers, setting the print area, using page break preview, adding headers and footers, and using page layout view. You'll learn how to group spreadsheets in the same workbook in order to type or format more than one sheet at the same time, as well as how to create 3-D formulas that calculate across several spreadsheets in the same workbook. You'll practice dividing text from one column into two columns, as well as how to concatenate text from two columns into one. You'll learn how to use conditional formatting to format cells according to their values, how to protect all or part of a worksheet, and how to paste an Excel spreadsheet into Word as an Excel object that links to the original spreadsheet and updates automatically. A set of handy keyboard shortcuts will also be included in the workshop.

## **MICROSOFT POWERPOINT – SPICE UP YOUR PRESENTATIONS**

This workshop will focus on using PowerPoint features to take a presentation beyond a simple set of bulleted slides. You'll learn to how to change slide layouts and designs easily, and how to add tables, Smart Art, graphic effects, sound effects and video to your presentation. You'll also learn to work with master slides to make global changes to a presentation easily. The workshop will also focus on adding animations to text and objects on slides, as well as adding transitions between slides. You'll learn how to rehearse the presentation and keep track of timing, how to annotate slides during a presentation, and a variety of handy shortcuts to use while giving a presentation. The workshop will also cover the options for printing a presentation, including how to print notes pages for the presenter and handouts for workshop participants.

## **MICROSOFT WORD – TIPS, TRICKS AND SHORTCUTS**

This workshop contains a variety of quick tips and tricks in Microsoft Word that will save you hours of time! Topics covered include tips for selecting text, using the Format Painter, working with tabs and indents, wrapping text around pictures, using AutoCorrect and AutoText, turning on or off automatic formatting, and options for viewing your document. The workshop will also cover using styles to create a table of contents and to navigate long documents in the Navigation Pane. You'll learn how to troubleshoot common Word problems with numbered lists and paragraph spacing, and how to work faster by reusing text with Quick Parts and Quick Tables. You'll learn how to create a template and how to add section breaks, page numbers, and multiple headers and footers to long documents. A set of handy keyboard shortcuts will also be included in the workshop.

## MICROSOFT OFFICE (CONTINUED)

These 2 hour Microsoft Office classes are being taught by Manny White, director of training at Pioneer Training, a company providing businesses and educational institutions in the Pioneer Valley with computer training, programming, and software services since 1990. Manny has been teaching computer classes since 1994 and is a certified Microsoft Word expert.

**Microsoft Excel:** Tuesday, 5:30 – 7:30 pm, March 28

**Microsoft PowerPoint:** Wednesday, 5:30 – 7:30 pm, April 4

**Microsoft Word:** Tuesday, 5:30 – 7:30 pm, March 21

**Location:** Smith Vocational and Agricultural High School

**Individual Class:** \$35 for each class plus \$15 for materials (spiral bound notebook and practice files) payable to instructor

**Series of 3 Classes:** \$75 for all 3 classes plus \$45 for materials (spiral bound notebooks and practice files) payable to instructor

*Save \$10 per class if you register for the Google Docs/Drive, Forms and Sheets series.*

## OSHA 10 CONSTRUCTION

This 10 hour construction safety course is intended for entry level participants and covers OSHA standards that are most commonly cited and provides an intensive study of occupational safety and health compliance. Massachusetts law requires that all employees on a prevailing rate job and all employees who work on public construction sites in Massachusetts have completed an approved OSHA 10-hour course in construction.

## OSHA 10 GENERAL INDUSTRY

The 10 hour general industry safety course is intended to provide an entry level worker in healthcare, manufacturing and warehouse distribution with a general awareness on how to recognize and prevent hazards on a job site.

These 2 courses being taught by David Travers, Smith Vocational and Agricultural mechanics shop teacher for more than 25 years. Each course meets for 3 ½ hours once per week for 3 weeks. Upon successful completion, each student receives an OSHA 10-hour card.

**OSHA 10 Construction:** Mondays, 6 – 9:30 pm, March 27, 3 weeks

**OSHA 10 General Industry:** Mondays, 6 – 9:30 pm, April 17, 3 weeks

**Location:** Smith Vocational and Agricultural High School

**Cost:** \$150 (plus \$10 materials and \$8 card fees payable to instructor)

## PLUMBING CODE AND THEORY

### *Apprentice – Journeyman - Master*

Becoming a plumber is a two-pronged process that includes practical training and study. In Massachusetts, a hopeful plumber begins a five-year apprenticeship program to receive technical education and complete the required hours of on-the-job training under a licensed master plumber. Plumbers who have successfully completed their apprenticeship are known as journeymen.

To work independently, a plumber is required to receive a license. An applicant will not receive credit for work experience and education unless they were completed in conjunction with one another as measured by calendar years. For each year in which an apprentice obtains 110 clock hours of education, that apprentice must accrue 1700 clock hours of qualifying work experience. There's also an exam to test technical know-how and understanding of plumbing codes. These courses are being taught by master plumber, Douglas Mahon.

Approved school by the MA Board of State Examiners of Plumbers and Gas Fitters. Classes meet weekday evenings 3 hours twice per week for 18 ½ weeks.

**Tier I:** Tuesdays and Thursdays, 4:30 – 7:30 pm, 18 ½ weeks

**Location:** Smith Vocational and Agricultural High School

**Cost:** \$975 per 110 hour tier



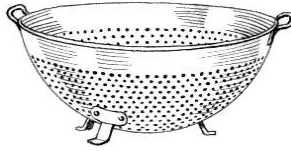
### SEMI-EXTREME COUPONING

You've heard of Extreme Couponing, but not everyone wants to take saving money to that extreme. This course is for those interested in learning how to use coupons effectively without spending a lot of time cutting and organizing. You'll come to realize how many items you should never pay full price for again. Learn how to get started and where to find all those money saving coupons and offers. This class is being taught by Josie Florence, Smith Vocational database administrator.

**Time:** Tuesday, 5:30 – 8:30 pm, April 4

**Location:** Smith Vocational and Agricultural High School

**Cost:** \$25



### **SERVSAFE®**

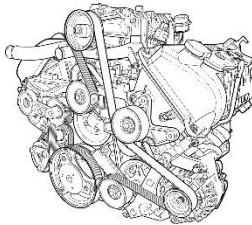
This course will prepare you for the ServSafe® exam which will be at the end of the second session. With a passing grade you will receive the ServSafe® Certification in Food Safety. This certification is nationally recognized and accredited by the National Restaurant Association.

This course is being taught by Nelson Lacey, Smith Vocational and Agricultural culinary arts teacher. Classes meet for 4 hour sessions on consecutive Monday evenings.

**First Course Time:** Mondays, February 27 and March 6, 4:30 – 8:30 pm

**Second Course Time:** Mondays, February 27 and March 6, 4:30 – 8:30 pm

**Location:** Smith Vocational and Agricultural High School



### **SMALL ENGINE REPAIR**

Do you often wish you knew how to diagnose and fix a simple problem with your lawnmower, chain saw or snow blower? Four-stroke and two-stroke theory is the heart of what makes a small engine tick and will be discussed. You will learn the differences between "L-Head, OHV and OHC style engines as well as vertical and horizontal configurations. This course includes both classroom and shop instruction with a hands-on engine teardown and reassembly that integrates the how-it-works with the why-it-works. (Safety glasses required).

This series of classes is being taught by David Travers, Smith Vocational and Agricultural mechanics shop teacher for more than 25 years. Classes meet 2 ½ hours once per week for 6 weeks.

**Time:** Mondays, 6 – 8:30 pm, February 6, 6 weeks

**Location:** Smith Vocational and Agricultural High School

**Cost:** \$240 for all six classes (plus \$15 for materials payable to instructor)



## WELDING

The metal fabrication industry is short of skilled workers, so, if you have ever considered welding as a second job or you would like to learn more about this skill, join our group. This hands-on course will teach you basic oxy-acetylene welding and shielded metal arc welding skills. Using state of the art equipment, class work will include joint design, melting points, types of filler metal and electrodes.

All students are required to bring welding hood with #10 shade, #5 gas welding goggles, safety glasses, welding jacket or coat, welding gloves, and leather work shoes.

Classes meet for 2 ½ hours once per week for 6 weeks. This series of 6 classes will be taught by Greg Smith, head welder/fabricator at Associated Electro-Mechanics. Class limited to 6 students.

**Winter Course:** Wednesdays, 6:00 – 8:30 pm, January 18, 6 weeks (*sold out*)

**Spring Course:** Wednesdays, 6:00 – 8:30 pm, March 8, 6 weeks (*sold out*)

**Location:** Smith Vocational and Agricultural High School

**Cost:** \$450 for all six classes (includes materials)

## WILDCRAFTING AND FOOD PRESERVATION

Approach wild food and "wildcrafting" as an elemental piece of being connected creatures rather than a last ditch survival trick. Learn the brilliance and simplicity of incorporating wild foods in your diet using simple recipes and preservation techniques. Meet common plants that grow abundantly in Western Massachusetts and discover their medicinal actions, processing techniques, nutritional profiles, botany and more!

Practical and hands-on material will be framed in a broader socio-political and historical context of human/plant relationship and ethical stewardship with the land that feeds and heals us. We will taste and discuss a variety of easy and effective ways to preserve the bounty of spring, prioritizing nutrient preservation and flavor. Informative handouts and light, wild food themed refreshments will be provided at each class. Part of class time will include hands-on demonstrations and meeting plants outside.

Classes meet for 2 ½ hours once every other week for 8 weeks. This series of 4 classes will be taught by Carly Leusner, co-founder of Acorn Kitchen and graduate of Clearpath School of Herbal Medicine.

**Time:** Alternate Wednesdays, 6:00 – 8:30 pm, April 12, 8 weeks

**Location:** Smith Vocational and Agricultural High School

**Cost:** \$125 for all four classes

# SMITH VOCATIONAL AND AGRICULTURAL HIGH SCHOOL

## ADULT COMMUNITY EDUCATION REGISTRATION

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Telephone: \_\_\_\_\_ Email: \_\_\_\_\_

Course Name	Tuition
<b>Total</b>	<b>\$</b>

### INJURY DISCLAIMER

Participation in the above program(s) may involve some risk of personal injury. I hereby waive and release the City of Northampton, Smith Vocational and Agricultural High School staff, its sponsors and/or designees from responsibility of injury(s) relating to this program.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

### EMERGENCY INFORMATION

In case of an emergency, the school should contact:

Name: \_\_\_\_\_

Telephone: \_\_\_\_\_

Please make checks payable to: S.V.A.H.S. and mail with this form to:

Smith Vocational and Agricultural High School

Attn: Adult Community Education

80 Locust Street

Northampton, MA 01060

***We reserve the right to cancel any class as a result of insufficient enrollment.***

For Office Use Only

Amount: \_\_\_\_\_ Date received: \_\_\_\_\_ Check #: \_\_\_\_\_

## HOW TO SIGN UP:

**Online:** [www.smithace.org](http://www.smithace.org)

**Mail:** Complete the registration form on the last page of this brochure and mail it with your payment to Smith Vocational and Agricultural High School, 80 Locust Street, Northampton, MA 01060.

**Phone:** (413) 587-1414 x3530

## REFUND POLICY

A full refund is made if a workshop is cancelled. Withdrawal 7 calendar days prior to the first class results in a refund minus a \$10 non-refundable registration fee. There will be no refunds for withdrawal after the seven calendar day deadline. Please allow 4 weeks for processing your refund.

**Class Materials Fee:** As noted in the course description and payable to the instructor the first night of class.

*Oliver Smith Restaurant run by high school culinary arts program  
Open to the public for lunch  
Tuesdays, Thursdays and Fridays from 10:45 am – 12:15 pm.*



Smith Vocational and Agricultural Adult High School  
Adult Community Education  
80 Locust Street  
Northampton, MA 01060

