

Smith Vocational and Agricultural High School Adult Community Evening Classes



Beekeeping

\$95 for 2 classes

Honeybee Biology

The first session of this two-part series will provide an overview of the anatomy, physiology, and social structure of honeybees and their hives. You will learn honeybee needs and go through the tasks and activities of a beekeeper's year. Participants will leave this workshop with a deeper understanding of honeybees, the annual cycle of healthy hive, and a vision of what it would look like to integrate honeybees into their lives.

Honeybee Hive Management

The second session of this two-part series will cover the types and components of honeybee hives and the various management styles. You will learn the appropriate equipment for different styles of hives, and be provided with guidance on non-toxic approaches to mite prevention and treatment. Participants will create an apiary design and action plan for their scale and circumstance and leave this workshop with a plan to integrate beekeeping into their gardens, homesteads or farms.

**Sat, 9 am-1 pm
3/24 and 3/31**



Genealogy

\$125 for 4 classes

The ABC's of Family Research. Genealogical research is becoming very popular and for good reason. You might be living right next door to a 3rd cousin twice removed! The research can be simple, or it can be a real challenge. "ABC's" will guide you along the right path with tips on research on- and off-line. Web sites, archives, attics...wherever the records might be.

**Mon, 6-8:30 pm
3/5-3/26**



Photography 1

\$150 for 5 classes

Do you have a digital camera and still shoot in the automatic mode? If you are a beginner, this class is for you. Bring your camera and manual and learn to make your own images.

**Wed, 6-8 pm
2/28-4/4 (no class 3/28)**

Photography 2

\$150 for 5 classes

You are comfortable with your camera and want to take it to the next level. This class explores different ways of seeing

and capturing your subject and photographic techniques to enhance your images. You will learn ways to showcase your images and take home a portfolio of work that will inspire you to do more!

**Wed, 6-8 pm
4/11-5/16 (no class 4/18)**



Social Dance

\$75 for 6 classes.

Want to explore the world of social dance? We start with a beginner-friendly series that will give you the basics of some of the most popular dances. We will spend 2 classes on each style, learning a simple pattern, lead/follow techniques, and how to tell which dance style(s) you can do to different songs.

Next, we will focus on a perennial favorite, East Coast Swing. This fun and versatile dance can be done to music from many eras. No previous experience is required and you don't need to bring a partner (leaders and followers will switch partners during class).

Bring someone with you - the 2nd person is ½ price!
**Tue, 6:30-7:30 pm
Nightclub 2 Step, Foxtrot,
West Coast Swing 2/27-4/3
East Coast Swing 4/24-5/29**

Culinary Arts



Basic Cooking - Comfort Foods

\$150 for 4 classes

Learn the art of cooking delicious home-cooked meals with a professional chef. Lessons taught in these 4 classes will introduce skills to be developed in International Cuisine.

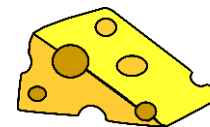
**Wed, 6-8:30 pm
2/28-3/21
Material Fee: \$72**

Basic Cooking - International Cuisine

\$150 for 4 classes

Learn more skills while preparing a smorgasbord of international meals. This series of 4 classes will build upon skills learned in Comfort Foods. Learn to make food from Italy, Korea, North Africa and Chile.

**Wed, 6-8:30 pm
4/4-5/2 (no class 4/18)
Material Fee: \$72**

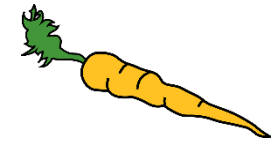


Cheese Making

\$30 for 1 class

Learn the basics of making cheese, as well as the variety of different cheeses available.

**Mon, 3/19, 6-8 pm or
Mon, 4/30, 6-8 pm
Material Fee: \$18**



Farm to Table Cooking

\$150 for 4 classes

Do you ever run out of ideas for cooking with winter vegetables like beets, carrots, squash, turnips and celeriac? Many of our local farms grow and store vegetables so they are abundant throughout the winter months, but home cooks sometimes tire of them. Using recipes that are simple, delicious and easy to adapt for whatever ingredients you have on hand, we will prepare a range of winter vegetable focused vegetarian and gluten free dishes, with vegan variations provided.

**Thu, 6-8:30 pm
3/2-3/23
Material Fee: \$60**

Gluten Free Baking and Cooking

\$75 for 2 classes

Learn 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.

**Thu, 6-8:30 pm
4/5 and 4/12
Material Fee: \$30**



Food Preservation: Jams, Jellies and Pickling

\$30 for 1 class

Simple preservation techniques will be covered, along with the creation of seasonal jams, and pickled vegetables. Student will be encouraged to participate and sample their creations.

Tue, 3/6, 6-8 pm or

Mon, 4/9, 6-8 pm

Material Fee: \$15



Knife Skills

\$30 for 1 class

Learn proper cooking knife handling, several different types of knives and their uses, and basic knife cuts all while making a meal the class will share. Feel free to bring your own knife.

Mon, 3/5, 6-8 pm or

Tue, 4/10, 6-8 pm

Material Fee: \$15

Meat Fabrication: Sausage

\$30 for 1 class

Learn to make sausage from scratch, along with a variety of different kinds of sausage pertaining to various regions of the world. Tools and proper meat handling sanitation will also be discussed.

Mon, 3/12, 6-8 pm or

Tue, 4/24, 6-8 pm

Material Fee: \$18

Paleo Cooking and Baking

\$75 for 2 classes

A "paleo" diet eliminates the foods that can cause inflammation and other health issues- all grains, beans, dairy products and refined sugar. Although the diet may seem restrictive, we will many simple, delicious meals and treats that can be prepared and enjoyed.

Thu, 6-8:30 pm

4/26 and 5/3

Material Fee: \$30

Pastry I: Creative Cookies & Quick Breads

\$30 for 1 class

Learn the science of baking as you explore a variety of cookie methods and quick breads.

Students will have the opportunity to participate in making a variety of baked goods.

Mon, 2/26, 6-8 pm or

Mon, 4/2, 6-8 pm

Material Fee: \$15



Pastry II: Cakes & Frostings

\$30 for 1 class

The baking process, assembly and decoration involved in cake-making will be explored and students will have a hands on opportunity to practice several cake-making techniques.

Tue, 2/27, 6-8 pm or

Tue, 4/3, 6-8 pm

Material Fee: \$15



Soups, Stocks and Sauces

\$30 for 1 class

Students will first learn to make their own stock and will incorporate that into making season soups. A meal will be provided at the end of class.

Tue, 3/13, 6-8 pm or

Mon, 4/23, 6-8 pm

Material Fee: \$15



ServSafe® Food Manager

\$185 - 2 class certification

\$125 - 1 class renewal

These Saturday morning classes will prepare you for the ServSafe® Food Manager exam which will take place at the end of the second class. If you have been previously certified, you may choose to attend only the second Saturday. With a passing grade, you will receive the ServSafe® Food Manager Certificate in Food Safety. Cost includes textbook and exam.

Certification

Sat, 8:30-12:30

3/3 & 3/10

Renewal

Sat, 3/10, 8:30-12:30



Technical – Trades



Electrical Code and Theory

\$600 for 75 Journeyman hours; \$1,200 for 150 Master hours

Would you like to become a licensed 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 – 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. You may start working as an electrical apprentice first, or you may start classes first, or do both concurrently.

Journeyman and Master, In Progress

Next Class – Sep 2018

Hoisting – License Renewal

\$65 for 4 hours

These mandatory continuing education courses are required for renewal of your hoisting license. The requirements are 4 hours for each class (1, 2 or 4) of your license. Each course which will cover all of the current laws, rules, and requirements as well as the OSHA regulations for renewing your license.

Thu, 6-8 pm

Class 1 License, 3/1-3/8

Class 2 License, 3/15-3/22

Class 4 license, 3/29-4/5

Material Fee: \$20

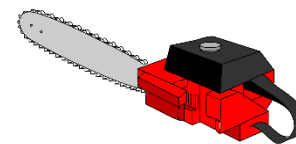
Bicycle Repair

\$160 for 4 classes

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. Classes will take place at Full Circle Bike Shop, 30 North Maple Street, Florence.

Tue, 6-8 pm

2/27-3/20



Chainsaws

\$95 for 1 class

Have you ever wanted to use a chainsaw but were afraid to for fear of personal injury? Are you thinking of buying a chainsaw and have questions? Would you like to know more about the maintenance aspect of a chainsaw that you currently own or want to purchase in the future? In this class, you will learn how to properly size a chainsaw for the tasks being performed and properly perform basic maintenance of a chainsaw including chain sharpening and cleaning. You will have an opportunity to operate chainsaws to practice the concepts discussed in the class. Participants will need to eye protection, hearing protection, sturdy gloves and leg protection in the form of approved chainsaw chaps. Chainsaw chaps will be available for use if you do not currently own them.

Sat, 3/24, 9 am-3 pm or

Sat, 5/19, 9 am-3 pm

Hoisting – Exam Prep

\$65 for 4 hours

These 4 hour exam prep courses are designed to help you achieve your MA hoisting license. Each course will cover all of the information needed to prepare you for your written test in one of the following categories: 1 (A through D), 2 (A through D) or 4 (A through D).

Tue, 6-8 pm

Class 1 License, 2/27-3/6

Class 2 License, 3/13-3/20

Class 4 license, 3/27-4/3

Material Fee: \$20



Machine Shop - LearnCNC™

\$395 for 12 classes

This course is ideal for someone interested in basic machining. If you would like to acquire the entry levels skills necessary to begin a career in manufacturing, this class is for you. Topics include: shop math, blueprint reading, metrology, quality inspection, safety, and work readiness. With the instructor's supervision, you will create a hands-on project in our machine shop. As a student in this course, you will also have 6 months of access to Worcester Polytechnic Institute's online Learn CNC curriculum. At the conclusion of this course, you will be eligible to take the MACWIC level 1 certification exam.

Tue and Thu, 6-8 pm

2/27-4/5



Home Repairs with Stan-the-Fixit-Man

\$210 for 7 classes

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.

Tue, 7-9 pm

2/27-4/10



OSHA 10 Hour Construction

\$150 for 3 classes

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. MA 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. Each student receives an OSHA 10-hour card upon successful completion.

Mon, 6-9:30 pm

4/10-4/24

Material Fee: \$18



Plumbing Code and Theory

\$880 for 110 hours

Would you like to become a licensed plumber?

According to the MA State Board of Plumbers and Pipefitters, before you take the licensing exam you must have an apprentice license, 5 years of on-the-job training, 550 hours (110 per year) of classroom instruction in plumbing code and theory from an approved school, and work for a master plumber. For each year in which an apprentice obtains 110 clock hours of education, that apprentice must accrue 1700 clock hours of qualifying work experience with some exceptions:

- An unlicensed individual may complete Tier 1 of the education requirement prior to obtaining an apprentice license.

- A licensed apprentice may complete Tier 1 and Tier 2 in a single calendar year.

Requirements are subject to change at any time by the State of MA. All students must bring a current MA Plumbing and Gas Code Book to all classes. Approved school by the MA Board of State Examiners of Plumbers and Gas Fitters.

Tiers 1, 3 and 5: Mon and Wed, 6-9 pm, starts 2/26

Tiers 2 and 4: Tue and Thu, 6-9 pm, starts 2/27



Small Engine Repair

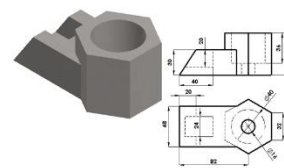
\$225 for 6 classes

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).

Mon, 6-8:30 pm

3/12-4/30 (no classes 4/2 and 4/16)

Material Fee: \$15



SolidWorks - Introduction

\$285 for 8 classes

A comprehensive introductory CADD (Computer Aided Design and Drafting) course. Curriculum will cover 3-D computer modeling of individual parts and assemblies. Included with this course is one year of student access to the latest SolidWorks software and lesson files.

Tue and Thu, 6-7:30 pm, 2/27-3/22

SolidWorks – Advanced

\$285 for 8 classes

An advanced CADD (Computer Aided Design and Drafting) course for veteran introductory course students.

Tue and Thu, 6-7:30 pm 3/27-4/26 (no class 4/19)



Wastewater

\$375 for 10 classes

Prepare to take the Massachusetts Municipal Wastewater Grade 1-4 Certification Exam. This course will provide an overview of the basic steps taken in treating wastewater such as preliminary, primary, biological and tertiary treatment. It will also cover functions of equipment and support systems as well as environmental responsibilities required to safely and properly operate a wastewater treatment facility. We will visit a local wastewater treatment plant and meet individuals within the wastewater industry.

Tue, 6-8:30 pm

2/27-5/8 (no class 4/17)

Welding

\$450 for 6 classes

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. Class work will include joint design, melting points, types of filler metal and electrodes.

Wed, 6-8:30 pm

4/4-5/16 (no class 4/18)

Health Careers



EKG Technician

\$999 for 50 hours

This EKG Technician Certification Program prepares students to function as EKG Technicians and to take the ASPT – Electrocardiograph (EKG) Technician. This course will include important practice and background information on anatomy and physiology of the heart, medical disease processes, medical terminology, medical ethics, legal aspects of patient contact, electrocardiography and stress testing. Students will practice with EKG equipment and perform hands on labs.

**Mon and Wed, 6-9:30 pm
3/5-5/2 (no classes 4/16
and 4/18)**

Phlebotomy Technician

*\$1,899 for 90 class hours
and 40 hour externship*

The phlebotomist is a vital member of the clinical laboratory team, whose main function is to obtain patient's blood specimens by venipuncture and microcollection for testing purposes. Phlebotomists are employed throughout the healthcare system including in hospitals, neighborhood health centers, medical group practices, HMO's, public health facilities, veteran hospitals, insurance carriers and in other healthcare settings.

The demand for phlebotomy technicians has increased substantially with the overall complexity of healthcare services and the risks of infectious disease. Current healthcare industry experts predict a 15% increase in phlebotomy jobs by 2018. This program prepares professionals to collect blood and other specimens from clients for the purpose of laboratory analysis.

**Tue and Thu, 6-9:30 pm
2/27-5/31 (no classes
4/17 and 4/19)**

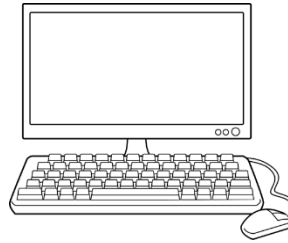


Personal Trainer

*\$649 for 15 lecture classes
and 15 practical classes*

Whether for a career move or for personal knowledge, get all the information needed to become a Certified Personal Trainer. The course consists of 15 hours of lecture with key (topics that include biomechanics, exercise physiology, fitness testing, equipment usage, and health assessment, 15 hours of hands-on practical training labs with role playing drills on exercises, presentation skills to professionally master the position.

**Tue, 6-9 pm, Smith Vocational High School
Thu, 6-9 pm, Northampton Athletic Club
2/27-4/12 (no classes 4/3
and 4/5)**



Online Classes

Smith Vocational has partnered with Ed2Go to offer instructor led 6 week and self-paced online classes to be taken from the comfort of your home. Below are some of the most popular courses:

- Speed Spanish
- Microsoft Excel
- PHP and MySQL
- SAT and GRE Prep
- Grant Writing
- Medical Terminology
- QuickBooks
- WordPress
- Stocks and Bonds
- Project Management
- Sign Language
- Java
- Microsoft Access
- Anatomy & Physiology
- Computer Skills
- Medical Spanish
- C# Programming
- Adobe Photoshop
- Python 3
- Computer Networking
- CompTIA A+
- Personal Finance
- Visual Basic
- Social Media
- HTML and CSS
- Workplace Law
- Real Estate

Online Career Training

We are also offering in depth career training courses that provide you with industry recognized credentials. Below are some of the programs:

- Adobe Associate
- Supply Chain
- AutoCAD
- Lean Six Sigma
- Microsoft Specialist
- CompTIA Linux+ & Unix
- Full Stack Software
- HVACR
- LEED
- Mechatronics
- Robotics
- Solar Power
- Wind Energy
- Dental Assistant
- Medical Assistant
- Medical Billing & Coding
- Pharmacy Technician
- Veterinary Assistant
- Event Planner
- Travel Agent
- Cisco CCNA
- Translator
- Interpreter
- Mediator
- Paralegal
- Transcription



Online Classes
6 Week and Self-Paced
ed2go.com/smithace

Online Career Training
careertraining.ed2go.com/smithace



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. The adult education program has been re-established after a 30 year hiatus. We are excited to be able to offer our local community a wide selection of hands-on workshops in subjects ranging from welding to farm-to-table cooking.

Registration – Sign up online at **SmithACE.org** or complete form and mail with payment.
Do not include materials fees

SVAHS

Attn: Adult Education
80 Locust Street
Northampton, MA 01060
Any questions, please call
(413) 587-1414 ext. 3530

Student Name: _____
Address: _____
City: _____ Zip: _____
Phone: _____
Email: _____
Course(s) Name _____
Please enclose check payable to SVAHS