



2025 TRC Merit Badge College

Class Catalog

Event Contacts

Name	Title	Phone	Email
Robert Pattison	VP of Program		vpprogram@trcscouting.org



Class Catalog

2025 TRC Merit Badge College at Shaker High School

2024 Merit Badge College (Scheduled Classes)



MBC43 Art

This merit badge concentrates on two-dimensional art, specifically drawing and painting in various media, including an introduction to design applications in the fields of graphic arts and industrial design, history and design principles, and how these fields relate to fine art.

8:25-11:15 AM **Instructor:** Maureen Livingston

Maximum number of participants: 10



MBC34 Automobile Maintenance

Modern automobiles are important to many aspects of American life. Those who service automobiles must understand each principle, and how these principles interact to provide smooth, efficient performance. Owners of cars also benefit by understanding how their vehicles operate. This enables them to understand why certain periodic maintenance is required to keep their vehicles in tip-top shape.

8:25-11:15 AM **Instructor:** Gavin Ostwald

Maximum number of participants: 8

1:10-4 PM **Instructor:** Andrew Mossey

Maximum number of participants: 8

Prerequisites: Pre-requisites: 11a and 12



MBC45 Automobile Maintenance

Modern automobiles are important to many aspects of American life. Those who service automobiles must understand each principle, and how these principles interact to provide smooth, efficient performance. Owners of cars also benefit by understanding how their vehicles operate. This enables them to understand why certain periodic maintenance is required to keep their vehicles in tip-top shape.

8:25-11:15 AM **Instructor:** Larry Brown

Maximum number of participants: 10



MBC6 Citizenship in the Nation

As Scouts fulfill the requirements for this merit badge, they will learn how to become active citizens are aware of and grateful for their liberties and rights, to participate in their governments and protect their freedom, helping to defend their country and standing up for individual rights on behalf of all its citizens.

8:25-11:15 AM **Instructor:** Eric Durr

Maximum number of participants: 15

1:10-4 PM **Instructor:** Ron Tremper

Maximum number of participants: 15



MBC47 Citizenship in the Nation

As Scouts fulfill the requirements for this merit badge, they will learn how to become active citizens are aware of and grateful for their liberties and rights, to participate in their governments and protect their freedom, helping to defend their country and standing up for individual rights on behalf of all its citizens.

8:25-11:15 AM **Instructor:** Michael Burns

Maximum number of participants: 15



MBC7 Citizenship in the World

Scouts who earn the Citizenship in the World merit badge will discover that they are already a citizen of the world. How good a citizen each person is depends on his willingness to understand and appreciate the values, traditions, and concerns of people in other countries.

8:25-11:15 AM **Instructor:** Mark Dorsey

Maximum number of participants: 12

1:10-4 PM **Instructor:** Eric Durr

Maximum number of participants: 15



MBC48 Citizenship in the World

Scouts who earn the Citizenship in the World merit badge will discover that they are already a citizen of the world. How good a citizen each person is depends on his willingness to understand and appreciate the values, traditions, and concerns of people in other countries.

8:25-11:15 AM **Instructor:** Rose Ann Garry

Maximum number of participants: 15

1:10-4 PM **Instructor:** Dan Ragone

Maximum number of participants: 15

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MBC8 Coin Collecting

Coin collecting is one of the oldest of all hobbies. Hoards of ancient coins found in excavations indicate that coins were one of the first collectibles. From earliest times, people valued coins not only as a means of trading and storing wealth, but also as miniature works of art.

8:25-11:15 AM **Instructor:** George Janeczko

Maximum number of participants: 10



MBC9 Collections

Discover how collecting can be an educational and financially rewarding pastime with the Collections Merit Badge. Scouts will prepare a brief written report, give a detailed description, and explain the development of their collection while demonstrating the knowledge of preserving and displaying their most prized possessions.

1:10-4 PM **Instructor:** Mark Dorsey

Maximum number of participants: 12



MBC10 Communication

This clear and concise definition comes from the U.S. Department of Education: "Communication focuses on how people use messages to generate meanings within and across various contexts, cultures, channels, and media. The field of communication promotes the effective and ethical practice of human communication."

8:25-11:15 AM **Instructor:** Brenna Autrey

Maximum number of participants: 10



MBC51 Communication

This clear and concise definition comes from the U.S. Department of Education: "Communication focuses on how people use messages to generate meanings within and across various contexts, cultures, channels, and media. The field of communication promotes the effective and ethical practice of human communication."

8:25-11:15 AM **Instructor:** Ron Tremper

Maximum number of participants: 10



MBC42 Disabilities Awareness

Look around at the Scouts in your unit, the members of your sports teams, and the kids in your class - you will see that each person has their own personalities, distinct interests and ideas, different physical features, and different strengths and needs.

8:25-11:15 AM **Instructor:** Emily Lalone

Maximum number of participants: 15



MBC14 Electronics

The Electronics Merit Badge is a fun, STEM-based merit badge that will inspire Scouts to pursue a possible career in Electronics. Scouts will learn about capacitors, transistors, and resistors while grasping the basic principles of digital techniques and demonstrating how to build a control device circuit. Understand the behaviors of electrons and learn safety precautions when using, building, altering, or repairing electronic devices with the Electronics Merit Badge.

8:25-11:15 AM **Instructor:** George Hassel

Additional Fee: \$17.00

Maximum number of participants: 10



MBC13 Emergency Preparedness

Scouts are often called upon to help because they know first aid and they know about the discipline and planning needed to react to an emergency situation. Earning this merit badge helps a Scout to be prepared by learning the actions that can be helpful and needed before, during, and after an emergency.

8:25-11:15 AM **Instructor:** Greg Rinckey

Maximum number of participants: 16

1:10-4 PM **Instructor:** Robert Donnarumma

Maximum number of participants: 16



MBC16 Engineering

Engineers use both science and technology to turn ideas into reality, devising all sorts of things, ranging from a tiny, low-cost battery for your cell phone to a gigantic dam across the mighty Yangtze River in China.

8:25-11:15 AM **Instructor:** Daniel D'Angelo

Maximum number of participants: 15

1:10-4 PM **Instructor:** Robert Pattison

Maximum number of participants: 20

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MBC15 Entrepreneurship

By earning the Entrepreneurship merit badge, Scouts will learn about identifying opportunities, creating and evaluating business ideas, and exploring the feasibility (how doable it is) of an idea for a new business. They will also have the chance to fit everything together as they start and run their own business ventures.

8:25-11:15 AM **Instructor:** Chris Puleo

Maximum number of participants: 15



MBC40 Environmental Science

While earning the Environmental Science merit badge, Scouts will get a taste of what it is like to be an environmental scientist, making observations and carrying out experiments to investigate the natural world.

8:25-4 PM **Instructor:** Melissa Toni

Maximum number of participants: 15



MBC52 Family Life

The family is the basic unit of society and is important to both individuals and communities. The world is rapidly changing, making today's society much more complex than ever before. As Scouts earn this merit badge, they will realize why it is important to know more about family life and how to strengthen their families.

8:25-11:15 AM **Instructor:** Bruce Wagner

Maximum number of participants: 15



MBC31 First Aid

First aid - caring for injured or ill persons until they can receive professional medical care - is an important skill for every Scout. With some knowledge of first aid, a Scout can provide immediate care and help to someone who is hurt or who becomes ill. First aid can help prevent infection and serious loss of blood. It could even save a limb or a life.

8:25-4 PM **Instructor:** Ethan Polimeni

Additional Fee: \$23.00

Maximum number of participants: 15

Prerequisites: Additional fee of \$23.00 to cover certification card and face mask.

NOTE: Additional Fee \$23.00 - Certification card and Face Mask



MBC30 Forestry

In working through the Forestry merit badge requirements, Scouts will explore the remarkable complexity of a forest and identify many species of trees and plants and the roles they play in a forest's life cycle. They will also discover some of the resources forests provide to humans and come to understand that people have a very large part to play in sustaining the health of forests.

1:10-4 PM **Instructor:** Michael Burns

Maximum number of participants: 24



MBC17 Game Design

Games come in almost every shape, size, format, and flavor imaginable. Games can be fast-paced, slow, or anything in between. Some are competitive. Some are cooperative. They may be for individuals, small groups, or thousands of players at a time. They might take seconds to complete or last for years. However you slice it, everyone has played games, and games help make us who we are.

1:10-4 PM **Instructor:** Jeff Zemsky

Maximum number of participants: 15



MBC44 Game Design

Games come in almost every shape, size, format, and flavor imaginable. Games can be fast-paced, slow, or anything in between. Some are competitive. Some are cooperative. They may be for individuals, small groups, or thousands of players at a time. They might take seconds to complete or last for years. However you slice it, everyone has played games, and games help make us who we are.

8:25-11:15 AM **Instructor:** Josh McWilliam

Maximum number of participants: 15



MBC21 Home Repairs (Full Day Course)

Successfully completing this badge's requirements can lead to a lifetime of personal and financial rewards: Doing basic home repairs provides a sense of personal pride in one's achievements and increased self-confidence. In addition, safe and successful do-it-yourselfers can easily save a family thousands of dollars in repair bills over the years.

8:25-4 PM **Instructor:** Tom Waters

Maximum number of participants: 8

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MBC32 Law

Law

Earning this merit badge enables a Scout to learn about the history and kinds of laws, the purpose and methods of law enforcement, consumer protection agencies, emerging law, and careers in the legal profession.

8:25-11:15 AM **Instructor:** Stacey Stump

Maximum number of participants: 21

Prerequisites: Prerequisite: Mandatory attendance at an evening session at Albany Law School on Wednesday, March 5 from 5-7 p.m. is required to participate in this program. Participants will meet attorneys from a wide range of legal professions and receive assignments for a mock trial to be held during the Merit Badge College. Pizza will be available for \$1 a slice or please bring a snack to eat during break.



MBC38 Programming

Programming merit badge will take you "behind the screen" for a look at the complex codes that make digital devices useful and fun.

8:25-11:15 AM **Instructor:** Shiguo Jiang

Maximum number of participants: 10

1:10-4 PM **Instructor:** Shiguo Jiang

Maximum number of participants: 10

Prerequisites: Pre-requisites: 1,2,3,4 and 6.

Please bring a fully-charged laptop (NOT Chromebook) with Microsoft Windows 10 or 11 (NOT Mac Laptop) and at least 10 GB free space on the hard drive. Please also bring your charger. We will introduce scouts to some open source programming languages and systems such as R, Python, and Quarto, which are widely used in statistical/machine learning and data science.



MBC35 Public Health

The field of public health deals with maintaining and monitoring the health of communities, and with the detection, cure, and prevention of health risks and diseases. Although public health is generally seen as a community-oriented service, it actually starts with the individual. From a single individual to the family unit to the smallest isolated rural town to the worldwide global community, one person can influence the health of many.

8:25-11:15 AM **Instructor:** Robert Donnarumma

Maximum number of participants: 16



MBC50 Public Speaking

A lot happens during the course of every person's life and your ability to communicate your feelings and ideas is the best way to connect to the larger world. Even if you haven't stood at a podium on the stage and find the whole idea scary, sooner or later, someone is going to ask you to get up and say a few words. If you are prepared, it won't be scary. It can even be fun. Unlock the power of your voice and gain confidence in public speaking.

8:25-11:15 AM **Instructor:** Alicia Sherman & Renee Thorpe

Maximum number of participants: 10

Prerequisites: Come prepared in advance to do:

Requirement #2 (3-5 minute talk on topic of your choice with visual aids).

Requirement #4 (8-10 minute conversational speech from prepared outline).



MBC27 Radio

Radio is a way to send information, or communications, from one place to another. Broadcasting includes both one-way radio (a person hears the information but can't reply) as well as two-way radio (where the same person can both receive and send messages).

8:25-11:15 AM **Instructor:** Norm Collins

Maximum number of participants: 8



MBC41 Railroading

Railroading

By earning this badge, Scouts can learn about the history of railroading, its place in modern society, careers in railroading, and hobbies related to railroading.

1:10-4 PM **Instructor:** George Casey

Maximum number of participants: 15

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MBC37 Scholarship

Working on the Scholarship merit badge provides Scouts with a great opportunity to become more successful in school. They will learn how to improve their skills in the classroom, develop good study habits, and master techniques for writing reports and taking tests.

8:25-11:15 AM **Instructor:** Holly Rogers

Maximum number of participants: 10



MBC36 Sustainability

Learn to reduce waste and teach sustainable practices to others so you can help conserve Earth's resources with the Sustainability Merit Badge. Scouts will develop and implement a plan to reduce their water usage, household food waste, and learn about the sustainability of different energy sources, including fossil fuels, solar, wind, nuclear, hydropower, and geothermal.

1:10-4 PM **Instructor:** Chris Puleo

Maximum number of participants: 17



MBC49 Sustainability

Learn to reduce waste and teach sustainable practices to others so you can help conserve Earth's resources with the Sustainability Merit Badge. Scouts will develop and implement a plan to reduce their water usage, household food waste, and learn about the sustainability of different energy sources, including fossil fuels, solar, wind, nuclear, hydropower, and geothermal.

8:25-11:15 AM **Instructor:** Susan Fenstermacher

Maximum number of participants: 15