

# Youth Class List

## Full Day Classes



Automotive Maintenance



Chess



Graphic Arts



Law



Plumbing



Radio

## Half Day Classes



**American Heritage**  
PM Only



**American Labor**



**Art**



**Artificial Intelligence**  
PM Only



**Chemistry**  
AM Only



**Coin Collecting**  
AM Only



**Cyber Security**  
AM Only



**Disability Awareness**



**Electricity**



**Fingerprinting & Crime Prevention**



**Fire Safety**



**Salesmanship**



**Railroading**



**Reptile and Amphibian Study**



**Scouting Heritage**



**Weather**

# Youth Class Descriptions



## American Heritage

Every Scout swears an oath that includes duty to his country. A better understanding of American heritage, the ways in which the past has led to our present nation, is key to truly knowing what it means to be an American.

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Location: **Duda 312, Afternoon Only**

[Requirements and Workbook](#)



## American Labor

The labor movement in America seeks to ensure that the civil rights of laborers are protected in the workplace, especially regarding wages, hours, and working conditions.

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Location: **Duda 116, Morning or Afternoon**

[Requirements and Workbook](#)



## 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.

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Location: **Eberly 130, Morning or Afternoon**

[Requirements and Workbook](#)



## Artificial Intelligence

Scouts learn key terms, explore how AI and automation are used in daily life, school, and work, and examine ethical concerns like bias and privacy. They also investigate deepfakes, practice communicating effectively with AI, and apply their knowledge through a project or teaching activity. Finally, Scouts explore career paths in AI by researching or interviewing professionals in the field.

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Location: **Eberly 350, Afternoon Only**

[Requirements and Workbook](#)



## Automotive 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. **Part of this class is taught outdoors so please dress accordingly**

Location: Eberly 266, All Day Class

[Requirements and Workbook](#)



## Chemistry

Chemistry explores how substances react with each other, how they change, how certain forces connect molecules, and how molecules are made are all parts of chemistry. Stretch your imagination to envision molecules that cannot be seen—but can be proven to exist—and you become a chemist.

Location: New Science 112, Morning Only

[Requirements and Workbook](#)



## Chess

Chess is among the oldest board games in the world, and it ranks among the most popular games ever created. Chess is played worldwide—even over the Internet. Players meet for fun and in competition, everywhere from kitchen tables and park benches to formal international tournaments.

Location: Eberly 115, All Day Class

[Requirements and Workbook](#)



## Coin Collecting

Coin collecting is one of the oldest of all hobbies. Hordes 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.

Location: Duda 312, Morning Only

[Requirements and Workbook](#)



## Cyber Security

Scouts learn about online safety, ethical behavior, cyber threats, and how to defend against them using tools like firewalls, antivirus software, and strong passwords. They explore encryption, connected devices, and the risks of public Wi-Fi, while also practicing safe habits like updating software and backing up data. Through hands-on activities, Scouts investigate real-world cyber incidents, participate in cybersecurity challenges, and explore career opportunities in the field.

Location: **Eberly 350, Morning Only**

[Requirements and Workbook](#)



## Disability Awareness

Understand various disabilities and how they affect your friends, family, and community members with the Disability Awareness Merit Badge. Scouts will learn about the experiences of someone with a disability, explain the significance of disability etiquette, and how it may differ depending on the specific disability.

Location: **Duda 313, Morning or Afternoon**

[Requirements and Workbook](#)



## Electricity

Learn why electricity plays a significant role in the economy and how energy consumption impacts our daily lives with the Electricity Merit badge. Scouts will demonstrate how to respond to electrical emergencies, explain how a fuse blows or a circuit breaker trips, and complete an electrical home safety inspection. The Electricity Merit Badge is an excellent opportunity for Scouts to learn how to read an electric meter and determine their household's energy cost from meter readings.

Location: **Eberly 251, Morning or Afternoon**

[Requirements and Workbook](#)



## Fingerprinting and Crime Prevention

In earning the Fingerprinting merit badge, Scouts will learn about and use an important technique that is used by law enforcement officers, along with other materials like matching dental records and DNA sampling, to help identify amnesia victims, missing persons, abducted children, and others.

Preventing crime, which can be as simple as reducing the opportunities for crime to occur, is far less costly than apprehending and bringing legal action against those who break the law, and it helps save people from the anguish of being victims.

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**Location: Eberly 255, Morning or Afternoon**

*Please Note: These classes are taught together*

[Fingerprinting Requirements and Workbook](#)

[Crime Prevention Requirements and Workbook](#)



## Fire Safety

The ability to use fire safely is essential to human survival. By earning this merit badge, Scouts will learn to use fire safely and responsibly, how to prevent home fires, and how to handle fire safely, as well as burn prevention, and camping safety.

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**Location: Duda 210, Morning or Afternoon**

[Requirements and Workbook](#)



## Graphic Arts

The field of graphic arts includes many kinds of work in the printing and publishing industries. Graphic arts professionals are involved in the creation of all kinds of printed communication, from business cards to books to billboards. The scope of printing communications is huge.

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**Location: Heisel 133, All Day Class**

[Requirements and Workbook](#)



## 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.

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**Location: Eberly 246, All Day Class**

[Requirements and Workbook](#)



## Plumbing

Plumbing, including pipe fitting, is an important and well-paid occupation. The industry is quite broad. It covers installations and repairs in homes, commercial properties, and factories. Plumbing pipelines are used for water supply, waste drainage, natural-gas heating, and many other purposes.

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Location: Eberly 261, All Day Class

[Requirements and Workbook](#)



## 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).

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Location: Eberly 120, All Day Class

[Requirements and Workbook](#)



## 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.

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Location: Eberly 110, Morning or Afternoon

[Requirements and Workbook](#)



## Reptile and Amphibian Study

Kids always have been interested in snakes, turtles, lizards, and alligators, as well as frogs and salamanders. Developing knowledge about these captivating creatures leads to an appreciation for all native wildlife; understanding the life cycle of a reptile or amphibian and keeping one as a pet can be a good introduction to natural history; and knowing about venomous species can help Scouts to be prepared to help in case of an emergency.

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Location: Duda 303, Morning or Afternoon

[Requirements and Workbook](#)



## Salesmanship

By studying salesmanship, Scouts can learn self-confidence, motivation, friendliness, and the persistence necessary to overcome obstacles and solve problems. Sales can offer a challenging and rewarding career for those who enjoy interacting with people from all walks of life.

Location: Duda 202, Morning or Afternoon

[Requirements and Workbook](#)



## Scouting Heritage

Explore the origins of the Scouting movement by earning the Scouting Heritage Merit Badge. Scouts will learn about the life and times of Lord Baden-Powell, discover how Scouting grew in the United States, and understand how Scouting's programs have developed and adapted over time.

Location: Duda 103, Morning or Afternoon

[Requirements and Workbook](#)



## Weather

Meteorology is the study of Earth's atmosphere and its weather and the ways in which temperature, wind, and moisture act together in the environment. In addition to learning how everyday weather is predicted, Scouts can learn about extreme weather such as thunderstorms, tornadoes, and hurricanes, and how to stay safe.

Location: Duda 212, Morning or Afternoon

[Requirements and Workbook](#)