



BOY SCOUTS OF AMERICA®  
LAUREL HIGHLANDS COUNCIL  
EAGLE VALLEY DISTRICT

# 2025 Eagle Valley Merit Badge University

at

Penn West University, California Campus

March 8, 2024



## Participant Guide

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Professional Staff



[www.eaglevalleymbu.org](http://www.eaglevalleymbu.org)

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## LAUREL HIGHLANDS COUNCIL

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Welcome to our annual Eagle Valley Merit Badge University held at Penn West University, California Campus. Thank you for showing interest in our event. Please visit:

[www.eaglevalleymbu.org](http://www.eaglevalleymbu.org) for all the current information and forms. As you look over the following pages, please keep in mind a few things:

**Class size is limited to 12 Scouts unless otherwise noted.**

1. Some badges are for a full day while others are scheduled for the morning or afternoon. Your Scouts can register for either one full day class or two half day classes (one in the morning and one in the afternoon)
2. **The cost is \$20.**
3. Scouts must bring a signed "Blue Card" from their unit leader.
4. All Scouts must bring paper and something to write with.
5. All participants must fill out and bring a signed permission form, parts a and b of the current BSA medical form, and any prerequisite required for their chosen badge.
6. All documents will be returned to the Scout at dismissal. Any unclaimed paperwork will be shredded at the end of the event.
7. If you plan on spending the day at the University with your Scout, please bring a current copy of your state clearances with you. You WILL be asked to leave if you do not have all your clearances. These are: **PENNSYLVANIA CHILD ABUSE HISTORY CLEARANCE, PENNSYLVANIA STATE POLICE CRIMINAL RECORD CHECK, FBI BACKGROUND CHECK OR RESIDENT VERIFICATION FORM IF YOU HAVE LIVED IN PENNSYLVANIA OVER 10 YEARS, and BSA YOUTH PROTECTION.**
8. We will supply a boxed lunch. This consists of a sandwich, cookie, chips, fruit, and water. **Our ability to meet all dietary restrictions is limited. Please contact us directly before the event with questions.**
9. If you plan to pick up your Scout before the end of the event, you must fill out the required form and let us know in advance. Please check out with us before you pick up your Scout.



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**10.Registration takes place at Natali Student Center on the 3<sup>rd</sup> floor. This is a change from years past. Scouts will be dismissed from there to their classroom building. We will also dismiss from there at the end of the event.**

11.Scouts are to wear a class “A” uniform. If this is not possible, then a Scout related t shirt will work. Scouts should also bring a water bottle.

12.Preregistration is highly recommended as classes fill up fast. We cannot guarantee class choice if you wait to register at the event. We also cannot guarantee lunch.

13.All the information in this guide is available online at: [Eaglevalleymbu.org](http://Eaglevalleymbu.org)

14.All required forms are available for download at: [Eaglevalleymbu.org](http://Eaglevalleymbu.org) This includes Permission Form, Annual Medical, Early Departure, how to change your registration, and required adult clearances.

15.Click on the requirements link below each badge to access the worksheets for each badge.

16.Parking is available behind Natali, across from Eberly, in the river lot across the railroad tracks, and in the parking structure by the Mandarin Library. There is a fee to use the parking garage.

17.Some badges are more suited for AOL’s who have just crossed over and our younger Scouts. Any Scout can register for any badge or badges of their choosing.



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## **Schedule**

<b>7:15 AM</b>	<b>Registration Opens in Natali Student Union 3<sup>rd</sup> Floor</b>
<b>8:15 AM</b>	<b>Opening in Natali Student Union Performance Center</b>
<b>8:45 AM</b>	<b>Dismissal to Class</b>
<b>9:00 AM</b>	<b>Morning and All Day Classes Start</b>
<b>12:00 PM</b>	<b>Morning Session Ends</b>
<b>12:15 PM</b>	<b>Lunch in Natali Student Union</b>
<b>1:00 PM</b>	<b>Afternoon Classes Start</b>
<b>4:00 PM</b>	<b>Classes End</b>
<b>4:30 PM</b>	<b>Closing Ceremony in Natali Student Union</b>
<b>4:45 PM</b>	<b>Dismissal from Natali Student Union</b>



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## 2025 Class Offerings at a Glance

### Full Day



**Automotive Maintenance**



**Law**



**Chess**



**Public Speaking**



**Engineering**



**Search and Rescue**



**Graphic Arts**



**Surveying**



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**Half Day Classes**



**American Heritage** PM Only



**American Labor**



**Art**



**Coin Collecting** AM Only



**Collections**



**Fingerprinting and  
Crime Prevention**



**Genealogy**



**Inventing**



**Reptile and Amphibian**



**Safety**



**Scouting Heritage**



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## Class Catalogue



### 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. **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.

**Duda 212 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.

**Eberly 255 Morning or Afternoon** [Requirements and Workbook](#)



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## 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.**

Eberly 350 All Day Class [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.

Eberly 115 All Day [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. **Duda 312 Morning Only**  
[Requirements and Workbook](#)



## 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. **313 Duda Morning or Afternoon** [Requirements and Workbook](#)

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## 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 **Duda 116 Full Day** [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. **Taught together. Eberly 255 Morning or Afternoon** [Fingerprinting Requirements and Workbook](#) [Crime Prevention Requirements and Workbook](#)



## **Genealogy**

Exploring your roots—where your family name came from, why your family lives where it does, what your parents and grandparents did for fun when they were your age—can be fascinating. Discovering your ancestors back through history is what genealogy is all about.

**Eberly 120 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. **All Day Class**

[Requirements and Workbook](#)

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## Inventing

Inventing involves finding technological solutions to real-world problems. Inventors understand the importance of inventing to society because they creatively think of ways to improve the lives of others. Explore the world of inventing through this new merit badge and discover your inner inventiveness. **280 Eberly Morning or Afternoon 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. **Eberly 246 All Day** [Requirements and Workbook](#)



## Public Speaking

A lot happens during 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. **Duda 202 All Day Class**  
[Requirements and Workbook](#)



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## Reptile and Amphibian

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. **Duda 303 Morning or Afternoon** [Requirements and Workbook](#)



## Safety

Knowing about safety helps Scouts to make the right choices and to take the best actions to avoid accidents by making informed choices in their everyday activities and to respond appropriately during an emergency.

**250 Eberly Morning or Afternoon** [Requirements and Workbook](#)



## Search and Rescue

A search is an emergency situation requiring a team of trained searchers to locate a missing person. A rescue is an emergency situation where a person's location is known – perhaps having just been found by searchers – and he or she must be removed from danger and returned to safety. By working on the Search and Rescue merit badge, you will learn and practice many skills that may someday save a life. **Eberly 130 All Day** [Requirements and Workbook](#)



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## 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.

**Duda 101 Morning or Afternoon** [Requirements and Workbook](#)



## Surveying

While earning this merit badge, Scouts will discover how land is measured and how it is described so that others can know where boundary lines are. They will have a chance to use some fine measuring instruments, apply advanced mathematics, operate computing equipment, and create a survey map.

**Eberly 130 All Day Class.** [Requirements and Workbook](#)



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## **Prerequisites**

**Should be done before attending the event.**

### **2025 Merit Badge University Prerequisites**

#### **American Heritage**

Read the Declaration of Independence and 3-C.

#### **Art**

Requirement 7

#### **Automotive Maintenance**

Please print out the merit badge workbook.

Requirement #8: Please diagram the parts of the electrical system. (Explanation will be in class).

Requirement #9: Please diagram the drive train. (Explanation will be in class).

Requirement #11: Determine the value of three different vehicles you are interested in purchasing. One must be new, and one must be used; the third can be new or used. For each vehicle find out the requirements and cost of automobile insurance to include basic liability and options for collision, comprehensive, towing, and rental car. (The operation/maintenance chart will be completed in class).

Requirement #12: Find out about three career opportunities in the automotive industry. Pick one and find out about the education, training and experience required for this profession.

**Part of this class will be held outdoors so dress accordingly.**

#### **Chess**

Please fill out the form at the end of the prerequisites and bring it to the event.



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### **Coin Collecting**

REQUIREMENT #4--Collect & bring with you to the March 9 Merit Badge class, the coins listed in:

- a. First sentence [2 pennies, as described].
- b. First sentence [2 nickels, as described].
- c. [1 dime, as described].
- d. First sentence [7 quarters, as described].
- e. [1 half dollar, as described].
- f. [3 one-dollar coins, as described].

Bring 16 different coins all together.

REQUIREMENT #7--DO: a., b., c. [first sentence of each], OR d. (1., 2., 3., or 4.). If doing 7.d., 1-3, supply the date, location, purpose, & sponsor of the show, meeting, or facility attended. If doing 7.d., get counselor approval first.

For 7.a., b., or c., bring your collection to the Merit Badge class.

Collections should be organized/preserved/stored using a method in REQUIREMENT #3.

### **Crime Prevention**

Requirement 2. Prepare a journal from various sources that address crime and crime prevention efforts in your community.

Please complete requirement 4

### **Engineering**

Please read the Merit Badge Book.



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### Genealogy

Because of the need for the Scout's personal information, the following requirements are to be fulfilled on-your-own, either before OR after the classroom session:

2.a. OR 2.b.

3.

4c. AND 4.d.

5a., OR 5b., OR 5.c., OR 5.d., OR 5.e. Provide proof of contact.

6.

7.

9.

Print the Genealogy Merit Badge Workbook & enter the information on that form in order to fulfill the above out-of-classroom requirements.

For Requirement #4. c., provide a copy of the document.

For the Requirement 2.b. option, provide the journal, for review.

### Graphic Arts

Req. 1, specifically: "Collect samples of three products, each one produced using a different printing process" [Collect the samples to the best of your ability, and bring them along with you - if you find more than three you can bring them, and we will identify the printing process during the session]

Req. 7, specifically: "Find out about three career opportunities in graphic arts. Pick one and find out the education, training, and experience required for this profession" bring this piece in writing.

### Inventing

Requirements 6, 7

### Public Speaking

Come prepared to answer questions about Robert's Rules of Order for requirement #5. See Public Speaking merit badge pamphlet or Google for resources.



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### **Reptile and Amphibian**

1. **Requirement 8 (Observation or Care):** Scouts should observe a reptile or amphibian (at home, zoo, or other facility) or arrange to care for one at least one month prior to the session. They must document observations or care details, including food, behavior, and habitat conditions.
2. **Requirement 9 (Field Work):**
  - If choosing option 9a, Scouts should identify three kinds of toads or frogs by their voices and practice imitating their songs before the session.
  - If choosing option 9b, Scouts should familiarize themselves with local species to identify them by sight.
3. **Requirement 10 (Superstitions and Facts):** Scouts should research five superstitions and seven true facts about reptiles and amphibians to discuss during the session.

### **Safety**

Complete requirements 1 and 2a.

### **Surveying**

Read the Merit Badge pamphlet.

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

**Chess pre-requisites are on the next page.**





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Please print out and sign this form and bring it to class the day of the event.

## Chess merit badge prerequisite worksheet

Requirements 3A, 3B, 3C: Using Scouting's Teaching EDGE, teach someone (preferably another Scout) who does not know how to play chess:

- a. Names of all six chess pieces
- b. How to properly setup a chess board
- c. How all the pieces move, including castling and en passant captures

Please complete the above requirements before the MBU and bring this signed worksheet with you to the merit badge class.

You do NOT need to bring a copy of the BSA Chess merit badge workbook. The merit badge counselor will allow you to work through the requirements without filling out a workbook.

I affirm that I have completed the above requirements for the chess badge:

---

(signature)

---

(print name)



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**CALIFORNIA UNIVERSITY**  
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**Office of Admissions**  
250 University Ave.  
California, PA 15419  
Phone: 1-888-412-0479 or 724-938-4404  
Fax: 724-938-4564  
[calu.edu](http://calu.edu)  
E-mail: [admissions@calu.edu](mailto:admissions@calu.edu)

#### Nearby accommodations

If you're planning to visit campus and need to spend the night, there are quite a few affordable places to stay.

**BELLE VERNON (I-70 Exit 43)**  
Hampton Inn: 724-929-8100  
Holiday Inn Express: 724-930-0100

**BENTLEYVILLE (I-70 EXIT 32B)**  
Best Western Garden Inn: 724-239-4321  
Holiday Inn Express: 724-239-7700

**CALIFORNIA**  
Hampton Inn & Suites by Hilton  
California University-Pittsburgh: 724-330-5820

**NEW STANTON (PA TURNPIKE EXIT 75)**  
Econo Lodge: 724-925-6755  
Super 8: 724-856-0362

**UNIONTOWN (ROUTE 40)**  
Fairfield Inn: 724-434-1800  
Hampton Inn: 724-430-1000  
Park Inn by Radisson: 724-437-2816

**WASHINGTON (OFF I-70)**  
Comfort Suites: 724-884-0299  
Spring Hill Suites: 724-223-7800  
Hampton Inn: 724-228-4100

\*Special rates for Cal U visitors.

**CALIFORNIA UNIVERSITY**  
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# MAP & VISITOR'S GUIDE



## SEEING IS BELIEVING.

**COME TAKE A LOOK. WALK WITH US. TALK TO US. EXPERIENCE THE WORLD OF POSSIBILITIES THAT CAL U HAS TO OFFER.**

Walk through campus and experience the arboretum, admire the sculptures throughout campus, or explore our 40 academic buildings, performance spaces and residence halls.

## CHOOSE THE WAY YOU CRUISE.

**YOU CAN EXPLORE CAMPUS IN A WAY THAT SUITS YOU.**

Scheduled tours are available Monday-Friday. You can even set up a Q&A session to discuss the admissions process or programs of interest. If you prefer, stop by any time for a self-guided tour.

## GETTING HERE

#### FROM THE EAST (Harrisburg, Philadelphia)

PA Turnpike to New Stanton, Exit 75. Interstate 70 West to Exit 37A (Toll Road 43).

#### From the NorthEast (Scranton)

Interstate 81 South to PA Turnpike. PA Turnpike West to New Stanton, Exit 75. Interstate 70 West to Exit 37A (Toll Road 43).

#### From the North (Erie, Pittsburgh)

Interstate 79 South to Interstate 70 Exit. Interstate 70 East to Exit 37A (Toll Road 43).

#### From the SouthEast (Baltimore, Washington DC)

Interstate 70 West to PA Turnpike West to New Stanton, Exit 75. Interstate 70 West to Exit 37A (Toll Road 43).

#### From the West, SouthWest (Ohio, West Virginia)

Interstate 70 East to Exit 37A (Toll Road 43).

#### From Toll Road 43

Take the California exit (bear right at end of exit). Stay straight toward Wood Street. Follow Wood Street down to intersection at Third Street. At the stop light, turn right onto Third Street and follow straight onto campus. Parking is available in the Vulcan Garage, turn right just before the campus entrance.





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CAL U CAMPUS MAP

Ascent of Humanity	G	Ceramics Lab	K	Guesman Hall	HH	Manderino Library	Z	Phillipsburg School	LL	Steele Hall	T
Azorsky Hall	AA	Convocation Center	V	Harner Hall	U	Morgan Hall	JJ	Phillipsburg Soccer Facility	KK	Roadman Park and SAI Farm	NN
Booker Towers	X	Coover Hall	N	Helsel Hall	R	Natali Student Center	FF	Pollock Building	Q	Vulcan Hall	J
Building B	EE	Dixon Hall	F	Herron Hall	M	- Welcome Center	I	Quad	L	Vulcan Parking Garage	MM
Carter Hall	BB	Duda Hall	Y	Johnson Hall	DD	New Science Hall	O	Residence Hall E	GG	Watkins Hall	H
- Health & Wellness Center		Eberly Hall	B	Kara Alumni House	A	Noss Hall	I	Smith Honors Hall	CC		
- Multicultural Center		Frich Hall	C	Keystone Hall	S	Old Main	D	South Hall	E		
- University Housing Offices		Gallagher Hall	II								

CAL U

**Registration and pickup is located in Natali Student Center on the third floor. You can enter from the main street or from the parking lot behind Natali.**

**Parking is available in the lot across from Eberly Hall, right behind the Natali Student Center, and across the railroad tracks in the river lot. You can also use the paid parking garage behind Manderino Library.**



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## Links to the Forms You Need

Please visit [www.eaglevalleymbu.org](http://www.eaglevalleymbu.org) for all the forms.