



Del-Mi Merit Badge University

Class Catalog

Event Contacts

Name	Title	Phone	Email
Laura Rushinsky	MBU Coordinator	317-750-6215	lkr@isbits.com

Registration opens February 06, 2018
Visit www.scoutingevent.com/160-DMMBU to register



BOY SCOUTS
OF AMERICA

CROSSROADS OF AMERICA COUNCIL



Class Catalog

Del-Mi Merit Badge University at Carmel High School - Freshman Center

Del-Mi Merit Badge University (Scheduled Classes)

DMBU100

Evening 06:30-10:00 PM
Morning 08:30-12:00 PM
Afternoon 01:00-04:30 PM

H105

Nick Boland



Aviation

For most of history, people have dreamed of flying, imagining how it would feel to soar through the sky like an eagle or hover in midair like a hummingbird, to float on unseen currents, free of Earth's constant tug, able to travel great distances and to rise above any obstacle. Today, through aviation, we can not only join the birds but also fly farther, faster, and higher than they ever could.

Additional Fee: \$6.00

Minimum Age: 10

Maximum Age: 17

Minimum number of participants: 2

Maximum number of participants: 15

Prerequisites: All requirements except #4 will be covered in class. Requirement #4 can be accomplished with a detailed report presented in class. Travel on a commercial airline is typically not the same as visiting an airport. Dates and opportunities to achieve requirement #4 will be shared in class.

DMBU101

Evening 06:30-10:00 PM

H106

Josh Hill



Bird Study

Birds are among the most fascinating creatures on Earth. Many are beautifully colored. Others are accomplished singers. Many of the most important discoveries about birds and how they live have been made by amateur birders. In pursuing this hobby, a Scout might someday make a valuable contribution to our understanding of the natural world.

Additional Fee: \$6.00

Minimum Age: 10

Maximum Age: 17

Minimum number of participants: 2

Maximum number of participants: 15

Prerequisites: Read the Book! Bring a Bird ID Guide and Binoculars if you have them. I will have both if you need them. Start Your list. We will be handling "Study Mounts" Live Birds preserved for the sake of science. I will lead bird hikes with Audubon members at Cool Creek for the Scouts and their Families on Saturdays/Sundays in Late April/May Do Item 8a or b or c. On your own.. Bring a picture for proof..7b you my do in advance and bring report with you. We will review in class . Better Yet Do 7a with the scouts this spring..#5 start it now.. ID birds..This will a life long skill and hobby CONFIRM BY CALLING TXTING 317-695-8115 joshhillnpc@yahoo.com

DMBU102

Morning 08:30-12:00 PM
Afternoon 01:00-04:30 PM

H111

Steve Sproull



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.

Additional Fee: \$6.00

Minimum Age: 10

Maximum Age: 17

Minimum number of participants: 2

Maximum number of participants: 20

Prerequisites: Requirement #3, 4a, and 7 are prerequisites, but will also be covered in class. I will sign off on all requirements during class.

Class Catalog

Del-Mi Merit Badge University at Carmel High School - Freshman Center

DMBU208

Morning 08:30-04:30 PM

H309

Sukanta Majumdar



Chess

Chess builds critical thinking, forward thinking, and proper sportsmanship in young people.

Additional Fee: \$12.00

Minimum Age: 10

Maximum Age: 17

Prerequisites: Bring your own chess set including board. Review the Merit Badge requirements prior to class.

All day Class must take both Sat sessions.

DMBU140

Evening 06:30-10:00 PM

Morning 08:30-12:00 PM

Afternoon 01:00-04:30 PM

H107

Jim Hester



Citizenship in the Community

A nation is a patchwork of communities that differ from each other and may be governed differently. But regardless of how local communities differ, they all have one point in common: In the United States, local government means self-government. Good citizens help to make decisions about their community through their elected local officials.

Additional Fee: \$6.00

Minimum Age: 10

Maximum Age: 17

Minimum number of participants: 2

Maximum number of participants: 20

Prerequisites: Requirements, 3 a & b, Requirements 4 a, b & c, Requirement 8 must all be done out of class. Scouts may bring in sign off from their Scoutmaster that each of these have been met or finish the merit badge outside of class within their home troop.

DMBU141

Morning 08:30-12:00 PM

Afternoon 01:00-04:30 PM

H108

Dave Franks



Citizenship in the Community

A nation is a patchwork of communities that differ from each other and may be governed differently. But regardless of how local communities differ, they all have one point in common: In the United States, local government means self-government. Good citizens help to make decisions about their community through their elected local officials.

Additional Fee: \$6.00

Minimum Age: 10

Maximum Age: 17

Minimum number of participants: 2

Maximum number of participants: 20

Prerequisites: Requirements #3,4,7 and 8 are prerequisites for completion of this merit badge. Please have these items completed and signed off prior to class, and bring evidence of completion of these items with you. If you have a presentation or discussion items to present to the class for completion of requirements 3b., 4c., 7c. or 8, you or a parent must contact me prior to our class in order to make sure we schedule time for your presentation.

Class Catalog

Del-Mi Merit Badge University at Carmel High School - Freshman Center

DMBU197

Evening 06:30-10:00 PM

H120

Joe Fenimore



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.

Additional Fee: \$6.00

Minimum Age: 10

Maximum Age: 17

Minimum number of participants: 2

Maximum number of participants: 15

Prerequisites: 2,3,6,8

DMBU132

Morning 08:30-12:00 PM

Afternoon 01:00-04:30 PM

H109

Clay Worley



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.

Additional Fee: \$6.00

Minimum Age: 10

Maximum Age: 17

Minimum number of participants: 2

Maximum number of participants: 15

Prerequisites: 2,3,6,8

DMBU173

Morning 08:30-12:00 PM

Afternoon 01:00-04:30 PM

H119

Mark Nelson



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.

Additional Fee: \$6.00

Minimum Age: 10

Maximum Age: 17

Minimum number of participants: 2

Maximum number of participants: 20

Prerequisites: 2,3,6,8

DMBU195

Evening 06:30-10:00 PM

Afternoon 01:00-04:30 PM

H207

Jay Dziwiik



Citizenship in the World

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

Additional Fee: \$6.00

Minimum Age: 10

Maximum Age: 17

Minimum number of participants: 2

Maximum number of participants: 20

Prerequisites: 3a, 4b, 7

Class Catalog

Del-Mi Merit Badge University at Carmel High School - Freshman Center

DMBU194

Morning 08:30-12:00 PM

H120

Joe Fenimore



Citizenship in the World

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

Additional Fee: \$6.00

Minimum Age: 10

Maximum Age: 17

Minimum number of participants: 2

Maximum number of participants: 15

Prerequisites: 3, 4b, 7

DMBU109

Afternoon 01:00-04:30 PM

H205

John Rombach



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.

Additional Fee: \$6.00

Minimum Age: 10

Maximum Age: 17

Prerequisites: 5,6,7,9,10

DMBU198

Morning 08:30-12:00 PM

H207

Matt Best



Collections

Collecting can be an educational and financially rewarding pastime: a collector must educate himself about a specific subject, be able to tell which items are worth preserving, how to catalog and organize his collection, and how to evaluate the value of items.

Additional Fee: \$6.00

Minimum Age: 10

Maximum Age: 17

Minimum number of participants: 2

Maximum number of participants: 15

Prerequisites: 1, 5a, 5e, 8 (all)

Class Catalog

Del-Mi Merit Badge University at Carmel High School - Freshman Center

DMBU110

Evening 06:30-10:00 PM
Morning 08:30-12:00 PM
Afternoon 01:00-04:30 PM

H206

Todd Hustel



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."

Additional Fee: \$6.00

Minimum Age: 10

Maximum Age: 17

Minimum number of participants: 2

Maximum number of participants: 15

Prerequisites: "Print, use & bring: <https://meritbadge.org/wiki/images/6/6b/Communication.pdf> Required Prerequisites: #2a or b; #3 (#2 &

#3 presentations will be done in class); #4 part 1 (part 2 will be done in class); #5; #6; #7; #8; booklet must be thoroughly filled out and scout able to explain what he did in order for prerequisite credit to be given.

All scouts must bring required props for #2a or specific sales plan for #2b. Also, any who desires to complete requirement 3- the 5-minute speech must provide at least a written outline to the counselor prior the giving his speech to the class. All other requirements will be done in class."

Note- This MB cannot be completed at Merit Badge University without prerequisites completed prior to class

DMBU204

Evening 06:30-10:00 PM

H306

John Deal



Crime Prevention

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.

Additional Fee: \$6.00

Minimum Age: 10

Maximum Age: 17

Minimum number of participants: 2

Maximum number of participants: 20

Prerequisites: 2, 4a, 4b, 5, 7, come to class prepared to do 6a; bring workbook from meritbadge.org

DMBU155

Morning 08:30-12:00 PM

H211

Leonard Langland



Crime Prevention

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.

Additional Fee: \$6.00

Minimum Age: 10

Maximum Age: 17

Minimum number of participants: 2

Maximum number of participants: 20

Prerequisites: 2. Prepare a notebook of newspaper and other clippings that address crime and crime prevention efforts in your community. 4. a. Inspect your neighborhood for opportunities that may lead to crime. Learn how to do a crime prevention survey. b. Using the check list in the pamphlet, conduct a security survey of your home and discuss the results with your family. 5. Teach your family or patrol members how to protect themselves from crime at home, at school, in your community and while traveling. 6. Help raise awareness about one school safety issue facing students by doing task a. or b. or c. in handbook.

Class Catalog

Del-Mi Merit Badge University at Carmel High School - Freshman Center

DMBU163

Evening 06:30-10:00 PM

H124

Matt DeCapua



Cyber Chip

Today's youth are spending more time than ever using digital media for education, research, socializing, and fun. To help families and volunteers keep youth safe while online, the Boy Scouts of America introduces the Cyber Chip. In developing this exciting new tool, the BSA teamed up with content expert NetSmartz, part of the National Center for Missing and Exploited Children and training expert for many law enforcement agencies.

Additional Fee: \$6.00

Minimum Age: 10

Maximum Age: 17

Minimum number of participants: 2

Maximum number of participants: 20

Prerequisites: To be reviewed in class: Write and Sign a personalized contract with your parent or guardian that outlines rules for using the computer and mobile devices, including what you can download, what you can post, and consequences for inappropriate use.

DMBU154

Morning 08:30-04:30 PM

H112 / H121

Ted Taylor



Den Chief Training

Additional Fee: \$12.00

Minimum Age: 10

Maximum Age: 17

Minimum number of participants: 2

Maximum number of participants: 24

Prerequisites: All day class must take both sessions on Sat.

Bring Den Chief Handbook (Scout Shop item number 620805) if possible.

DMBU164

Afternoon 01:00-04:30 PM

H120

Joe Fenimore



Digital Technology

Technology has come a long way since Computers merit badge was first introduced in 1967. This badge will teach Scouts about technology in the digital age.

Additional Fee: \$6.00

Minimum Age: 10

Maximum Age: 17

Minimum number of participants: 2

Maximum number of participants: 15

Prerequisites: 1(Cyberchip), 5b, 5c, 6, 9

DMBU138

Evening 06:30-10:00 PM

H222 / H221

Ilene Arends



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.

Additional Fee: \$6.00

Minimum Age: 10

Maximum Age: 17

Minimum number of participants: 2

Maximum number of participants: 20

Prerequisites: Req. #2 (visit an agency) Bring pamphlets from your visit! Req. #4 - Bring your notes & photos from your observation.

Class Catalog

Del-Mi Merit Badge University at Carmel High School - Freshman Center

DMBU113

Evening 06:30-10:00 PM
Morning 08:30-12:00 PM
Afternoon 01:00-04:30 PM

H213

Barry Simpson



Electricity

Electricity is a powerful and fascinating force of nature. As early as 600 b.c., observers of the physical world suspected that electricity existed but did not have a name for it. In fact, real progress in unraveling the mystery of electricity has come only within the last 250 years.

Additional Fee: \$6.00

Minimum Age: 10

Maximum Age: 17

Minimum number of participants: 2

Maximum number of participants: 20

Prerequisites: #2 Complete an electrical home safety inspection of your home, using the checklist found in the pamphlet or one approved by your counselor. Discuss what you find with your counselor.

DMBU172

Morning 08:30-12:00 PM
Afternoon 01:00-04:30 PM

H210

Will Simmons



Electronics

Electronics is the science that controls the behavior of electrons so that some type of useful function is performed. Today, electronics is a fast-changing and exciting field.

Additional Fee: \$6.00

Minimum Age: 10

Maximum Age: 17

Minimum number of participants: 2

Maximum number of participants: 15

Prerequisites: Print and bring the worksheet from meritbadge.org. Complete 1. Describe the safety precautions you must exercise when using, building, altering, or repairing electronic devices and 6. Find out about three career opportunities in electronics that interest you. Discuss with and explain to your counselor what training and education are needed for each position.

DMBU115

Evening 06:30-10:00 PM

H217

Jason Lopez



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.

Additional Fee: \$6.00

Minimum Age: 13

Maximum Age: 17

Minimum number of participants: 2

Maximum number of participants: 16

Prerequisites: Merit badge card or Scoutmaster letter required for signing off requirement #1. Complete responses ahead of class for Requirement #2 and prepare to share during class discussion. Resources for completion ahead of class For 2c can be found here: <https://www.ready.gov/build-a-kit>. We will work on #7b in class; but, information specific to your troop would be beneficial in creation of a troop mobilization plan. The kits for #8b should be done at home. Only the personal kit is to be brought to class to be signed off. Pictures of the family kit can be brought on the day of class or sent to the instructor ahead of class. Note: Some of the additional material shared during this merit badge course comes directly from FEMA's Community Emergency Response Team training. Maturity is expected during this class. Class starts on time and we will not back-track; if you are late and miss something, you miss it. Questions? Please contact the instructor at delmi.cac.varsity@gmail.com.

Class Catalog

Del-Mi Merit Badge University at Carmel High School - Freshman Center

DMBU117

Morning 08:30-12:00 PM
Afternoon 01:00-04:30 PM

H106

Josh Hill



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.

Additional Fee: \$6.00

Minimum Age: 10

Maximum Age: 17

Minimum number of participants: 2

Maximum number of participants: 15

Prerequisites: Read the ES MB Pamphlet- Bring it to class! Get started now Pre-Reqs Easy 1,2,3b2,3c3,3d3,3e-pick one, f1, or f2,4,5,6

DMBU187

Evening 06:30-10:00 PM

H216

Dan Andres



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.

Additional Fee: \$6.00

Minimum Age: 10

Maximum Age: 17

Minimum number of participants: 2

Maximum number of participants: 20

Prerequisites: Complete Req. #3 (chore chart), #4 (individual project), & #5 (family project). You **MUST** have your parents sign off on the chore chart if it is complete. You **MUST** bring before, during and after photographs of both projects as documentation.

DMBU203

Afternoon 01:00-04:30 PM

H306

John Deal



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.

Additional Fee: \$6.00

Minimum Age: 10

Maximum Age: 17

Minimum number of participants: 2

Maximum number of participants: 20

Prerequisites: 3. chore list (signed letter by parent if completed)

4. personal project (with pictures and signed letter from parent)

5. family project (with pictures and signed letter from parent)

6b

please bring workbook for these found at meritbadge.org

Class Catalog

Del-Mi Merit Badge University at Carmel High School - Freshman Center

DMBU134

Afternoon 01:00-04:30 PM

H222 / H221

Ilene Arends



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.

Additional Fee: \$6.00

Minimum Age: 10

Maximum Age: 17

Minimum number of participants: 2

Maximum number of participants: 20

Prerequisites: Complete Req. #3 (chore chart), #4 (individual project), & #5 (family project). You **MUST** have your parents sign off on the chore chart if it is complete. You **MUST** bring before, during and after photographs of both projects as documentation.

DMBU120

Evening 06:30-10:00 PM

H305

Leah Weprich



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.

Additional Fee: \$6.00

Minimum Age: 10

Maximum Age: 17

Minimum number of participants: 2

Maximum number of participants: 20

Prerequisites: Be able to discuss All first aid requirements for Tenderfoot, Second Class, and First Class ranks.
Requirement 2d

Bring your first aid kit with you.

DMBU206

Morning 08:30-12:00 PM

H220

David Haas



Game Design

Games also 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.

Additional Fee: \$6.00

Minimum Age: 10

Maximum Age: 17

Minimum number of participants: 2

Maximum number of participants: 10

Prerequisites: 1a, 5 (all), 6 (a), 7 (a) and 8 (b)

Class Catalog

Del-Mi Merit Badge University at Carmel High School - Freshman Center

DMBU199

Evening 06:30-10:00 PM
Morning 08:30-12:00 PM
Afternoon 01:00-04:30 PM

H209

Missy Andres



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.

Additional Fee: \$6.00

Minimum Age: 10

Maximum Age: 17

Minimum number of participants: 2

Maximum number of participants: 20

Prerequisites: Either a) create a timeline for yourself or a relative and write a short biography based on that timeline or b) keep a journal for 6 weeks writing in it at least once a week

DMBU165

Afternoon 01:00-04:30 PM

H211

Rob Zeitlin



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.

Additional Fee: \$6.00

Minimum Age: 10

Maximum Age: 17

Minimum number of participants: 2

Maximum number of participants: 15

Prerequisites: 1. Collect samples of three printed pieces, each one produced/printed on a different material such as plastic, cardboard, paper etc. We will pick and discuss the printing process for several of the samples that you bring to class.

3. Design a printed piece (flier, T-shirt, program, form, etc.) and produce it. Explain your decisions for the typeface or typefaces you use

use and the way you arrange the elements in your design. We will discuss which printing process is best suited for printing your design. Eith

Either print one (1) copy of your design and bring it to class, or have a digital copy on your mobile devise to view and share.

6. Do ONE of the following, then describe the highlights of your visit:

a. Visit a newspaper printing plant: Follow a story from the editor to the press. Write about your experience.

b. Visit a retail, commercial, or in-plant printing facility: Follow a project from beginning to end. Write about your experience.

c. Visit a school's graphic arts program: Find out what courses are available and what the prerequisites are. Write about your experience.

d. Visit three Websites (with your parent's permission) that belong to graphic arts professional organizations and/or printing-related com

panies (suppliers, manufacturers, printers): With permission of your parent or counselor, print out or download product or service inf

information from two of the sites.

7. List three career opportunities in graphic arts. Pick one and write about the education, training, and experience required for this p

profession. Discuss this with your counselor, and explain why this profession might interest you."

Class Catalog

Del-Mi Merit Badge University at Carmel High School - Freshman Center

DMBU196

Evening 06:30-10:00 PM

H218

Paul Gosselin



Journalism

One thing is for sure about journalism: It is never boring. For a reporter, almost every day is different from the last. One day you might interview the mayor of the city, the next day report on a car accident, and the day after that preview a new movie.

Additional Fee: \$6.00

Minimum Age: 10

Maximum Age: 17

Minimum number of participants: 2

Maximum number of participants: 20

Prerequisites: "2 B 1--1All on the same day, watch a local and national network newscast, listen to a radio newscast, and (with your parent's permission) view a national broadcast news source online. List the different news items and features presented, the different elements used, and the time in minutes and seconds and the online space devoted to each story Compare the story lists, and discuss whether the stories are fair and accurate. Explain why different news outlets treated the stories differently and/or presented a different point of view.

2 B 2--Visit a radio or television station. Ask for a tour of the various departments, concentrating on those related to news broadcasts During your tour, talk to the station manager or other station management executive about station operations, particularly how management and the news staff work together, and what makes a "good" station. If possible, go with a reporter to cover a news event. Attend a public event and do ONE of the following:

4a--Write two newspaper articles about the event, one using the inverted pyramid style and one using the chronological style.

4b--Using a radio or television broadcasting style write a news story, a feature story and a critical review of the event.

4c--Take a series of photographs to help tell the story of the event in pictures. Include news photos and feature photos in your presentation. Write a brief synopsis of the event as well as captions for your photos."

DMBU124

Afternoon 01:00-04:30 PM

Monon Center - West
Building

Jeff Tibbitts



Lifesaving (Held off site at Monon Center)

No Boy Scout will ignore a plea for help. However, the desire to help is of little use unless one knows how to give the proper aid. The main purpose of the Lifesaving merit badge is to prepare Scouts to assist those involved in water accidents, teaching them the basic knowledge of rescue techniques, the skills to perform them, and the judgment to know when and how to act so that they can be prepared for emergencies.

Additional Fee: \$13.00

Minimum Age: 10

Maximum Age: 17

Minimum number of participants: 2

Maximum number of participants: 15

<http://carmelclayparks.com/mcc/>

Prerequisites: This will be at the Monon Center.

Pre-requisites: Complete Second Class rank requirements 5a through 5d and First Class rank requirements 6a, 6b, and 6e. This course requires a lot of continuous swimming (400 yards using different strokes), so scouts should be good swimmers and prepare for this physically prior to the class.

Note: The deep water portions of the MB will not be completed during the session- 14a, b. If completed at a prior event please bring evidence of the activity for the MB Counselor.

This will obviously need to be conducted at the pool. Scouts should come with clothing on over the top of their swimsuit. We will be out of the pool for about 90 minutes, we will then spend the rest of our time in the pool."

Class Catalog

Del-Mi Merit Badge University at Carmel High School - Freshman Center

DMBU147

Evening 06:30-10:00 PM

H220

Jennifer Byers



Medicine

The practice of medicine has a rich history that spans several centuries. Since the first use of plants and other items as simple medicines and balms, many men and women have contributed to the advancement of the "healing arts."

Additional Fee: \$6.00

Minimum Age: 10

Maximum Age: 17

Minimum number of participants: 2

Maximum number of participants: 12

Prerequisites: Complete requirement 10; look over the other requirements to be prepared

DMBU104

Morning 08:30-12:00 PM

Afternoon 01:00-04:30 PM

H208

Dan Fleming



Moviemaking

Moviemaking includes the fundamentals of producing motion pictures, including the use of effective light, accurate focus, careful composition (or arrangement), and appropriate camera movement to tell stories. In earning the badge, Scouts will also learn to develop a story and describe other pre- and post-production processes necessary for making a quality motion picture.

Additional Fee: \$6.00

Minimum Age: 10

Maximum Age: 17

Minimum number of participants: 2

Maximum number of participants: 15

Prerequisites: The scout should complete 2d (make a video) after this course.

DMBU126

Evening 06:30-10:00 PM

Morning 08:30-12:00 PM

Afternoon 01:00-04:30 PM

H322 / H321

Ellen Huckabee



Music

The history of music is rich and exciting. Through the ages, new music has been created by people who learned from tradition, then explored and innovated. All the great music has not yet been written. Today, the possibilities for creating new music are limitless.

Additional Fee: \$6.00

Minimum Age: 10

Maximum Age: 17

Minimum number of participants: 2

Maximum number of participants: 12

Prerequisites: Bring your instrument and music and be prepared to play in front of the class to satisfy requirement #1. 3.a, b, c, d: choose two

Class Catalog

Del-Mi Merit Badge University at Carmel High School - Freshman Center

DMBU176

Evening 06:30-10:00 PM

H113

Daniel Cramer



Nuclear Science

Nuclear science gives us a simple explanation of the natural world. The ultimate goal of nuclear science is to find out if there is one fundamental rule that explains how matter and forces interact. Earning the Nuclear Science merit badge is a chance for Scouts to learn about this exciting field at the cutting edge of science today.

Additional Fee: \$6.00

Minimum Age: 12

Maximum Age: 17

Minimum number of participants: 2

Maximum number of participants: 6

Prerequisites: No Prerequisites. Small class size to ensure we get through all the material and still answer questions. Scouts should be at least 13 years old and/or has good foundation basic atomic structures and interactions.

DMBU201

Morning 08:30-12:00 PM

H222 / H221

Ilene Arends



Personal Fitness

Personal fitness is an individual effort and desire to be the best one can be. Regardless of their current levels of personal fitness, in the twelve weeks it will take Scouts to complete the athletic requirements for this merit badge, they will be in better shape, feel better about themselves, have more energy, and gain self-confidence in their overall abilities.

Additional Fee: \$6.00

Minimum Age: 10

Maximum Age: 17

Minimum number of participants: 2

Maximum number of participants: 20

Prerequisites: Print off the Personal Fitness worksheet or download it onto your device (you may bring to MBU). Req. #1. Bring a copy of your camp physical and the answers to the 4 questions associated with the exam. Bring proof of your last dental examination. Req. #9 - Bring your report on a career in personal fitness to present to the group. Know your current weight and height so that you can calculate your BMI.

DMBU200

Evening 06:30-10:00 PM

H119

Travis Kensig



Personal Management

Personal management is about mapping a plan for your life that will involve setting short-range and long-range goals and investigating different ways to reach those goals. Education, training, and experience all help make your goals become a reality. To achieve your goals, you will choose the best path and make a commitment to it, while remaining flexible enough to deal with changes and new opportunities.

Additional Fee: \$6.00

Minimum Age: 10

Maximum Age: 17

Minimum number of participants: 2

Maximum number of participants: 15

Prerequisites: All of 1,2,8

Class Catalog

Del-Mi Merit Badge University at Carmel High School - Freshman Center

DMBU127

Morning 08:30-12:00 PM
Afternoon 01:00-04:30 PM

H216

Dan Andres



Personal Management

Personal management is about mapping a plan for your life that will involve setting short-range and long-range goals and investigating different ways to reach those goals. Education, training, and experience all help make your goals become a reality. To achieve your goals, you will choose the best path and make a commitment to it, while remaining flexible enough to deal with changes and new opportunities.

Additional Fee: \$6.00

Minimum Age: 11

Maximum Age: 17

Minimum number of participants: 2

Maximum number of participants: 20

Prerequisites: All of 1,2,8

DMBU188

Evening 06:30-10:00 PM

H208

Dan Fleming



Photography

Beyond capturing family memories, photography offers a chance to be creative. Many photographers use photography to express their creativity, using lighting, composition, depth, color, and content to make their photographs into more than snapshots. Good photographs tell us about a person, a news event, a product, a place, a scientific breakthrough, an endangered animal, or a time in history.

Additional Fee: \$6.00

Minimum Age: 10

Maximum Age: 17

Minimum number of participants: 2

Maximum number of participants: 15

Prerequisites: 1b. Show your counselor your current, up-to-date Cyber Chip.

DMBU177

Morning 08:30-12:00 PM

H205

John Rombach



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.

Additional Fee: \$6.00

Minimum Age: 10

Maximum Age: 17

Minimum number of participants: 2

Maximum number of participants: 15

Prerequisites: Requirements 3, 8

DMBU168

Evening 06:30-10:00 PM
Morning 08:30-12:00 PM

H307

Jeff Tibbitts



Search and Rescue

The process and safety methods of working around specialized teams such as aircraft, canine, and aquatic rescue teams. Identifying differences between search and rescue environments, such as coastal, wilderness, rural, and urban landscapes. Determining when Universal Transverse Mercator (UTM) and latitude and longitude (Lat/Lon) should be used.

Additional Fee: \$6.00

Minimum Age: 10

Maximum Age: 17

Minimum number of participants: 2

Maximum number of participants: 25

Prerequisites: No pre-requisites.

Class Catalog

Del-Mi Merit Badge University at Carmel High School - Freshman Center

DMBU169

Morning 08:30-04:30 PM

H110

Robert Brennan



Space Exploration

Space is mysterious. We explore space for many reasons, not least because we don't know what is out there, it is vast, and humans are full of curiosity. Each time we send explorers into space, we learn something we didn't know before. We discover a little more of what is there.

Additional Fee: \$12.00

Minimum Age: 10

Maximum Age: 17

Minimum number of participants: 2

Maximum number of participants: 12

Prerequisites: "prereqs: 5B and 7 and purchase and bring to class (1) Alpha III rocket, A8-3 engines and wadding - https://www.amazon.com/Estes-1256-Alpha-Flying-Rocket/dp/B0006N73WE/ref=sr_1_1?ie=UTF8&qid=1516382289&sr=8-1&keywords=alpha+iii+rocket

look at the bottom of this link and all three are listed to be purchased together"

Class Catalog

Del-Mi Merit Badge University at Carmel High School - Freshman Center

DMBU190

Evening 06:30-10:00 PM

H110

Will Simmons



Sustainability

Sustainable: relating to, or being a method of harvesting or using a resource so that the resource is not depleted or permanently damaged.

Additional Fee: \$6.00

Minimum Age: 10

Maximum Age: 17

Prerequisites: 2 Water A--Develop and implement a plan that attempts to reduce your family's water usage. As a family, discuss water usage. To aid in your discussion, if past water bills are available, you may choose to examine a few. As a family, choose three ways to help reduce water consumption. Implement those ideas for one month. share what you learn with your counselor, and tell how you think your plan affected your family's water usage. 2 Food A--Develop and implement a plan that attempts to reduce your household food waste. Establish a baseline and then track and record your results for two weeks. Report your results to your family and counselor. 2 Energy B-- Develop and implement a plan that attempts to reduce consumption for one of your family's household utilities. Examine your family's bills for that utility reflecting usage for three months (past or current). As a family, choose three ways to help reduce consumption and be a better steward of this resource. Implement those ideas for one month. Share what you learn with your counselor, and tell how your plan affected your family's usage. 2 Energy C (alternate requirement to 2 Energy B)--Evaluate your family's fuel and transportation usage. Review your family's transportation-related bills (gasoline, diesel, electric, public transportation, etc.) reflecting usage for three months (past or current). As a family, choose three ways to help reduce consumption and be a better steward of this resource. Implement those ideas for one month. Share what you learn with your counselor, and tell how your plan affected your family's transportation habits. 2 Stuff A--Keep a log of the "stuff" your family purchases (excluding food items) for two weeks. In your log, categorize each purchase as an essential need (such as soap) or a desirable want (such as a DVD). Share what you learn with your counselor. 5A--After completing requirements 1 through 4, have a family meeting. Discuss what your family has learned about what it means to be a sustainable citizen. Talk about the behavioral changes and life choices your family can make to live more sustainably. Share what you learn with your counselor.

3 Water A--Develop and implement a plan that attempts to reduce your family's water usage. As a family, discuss water usage. To aid in your discussion, if past water bills are available, you may choose to examine a few. As a family, choose three ways to help reduce water consumption. Implement those ideas for one month. share what you learn with your counselor, and tell how you think your plan affected your family's water usage. 2 Food A--Develop and implement a plan that attempts to reduce your household food waste. Establish a baseline and then track and record your results for two weeks. Report your results to your family and counselor. 2 Energy B-- Develop and implement a plan that attempts to reduce consumption for one of your family's household utilities. Examine your family's bills for that utility reflecting usage for three months (past or current). As a family, choose three ways to help reduce consumption and be a better steward of this resource. Implement those ideas for one month. Share what you learn with your counselor, and tell how your plan affected your family's usage. 2 Energy C (alternate requirement to 2 Energy B)--Evaluate your family's fuel and transportation usage. Review your family's transportation-related bills (gasoline, diesel, electric, public transportation, etc.) reflecting usage for three months (past or current). As a family, choose three ways to help reduce consumption and be a better steward of this resource. Implement those ideas for one month. Share what you learn with your counselor, and tell how your plan affected your family's transportation habits. 2 Stuff A--Keep a log of the "stuff" your family purchases (excluding food items) for two weeks. In your log, categorize each purchase as an essential need (such as soap) or a desirable want (such as a DVD). Share what you learn with your counselor. 5A--After completing requirements 1 through 4, have a family meeting. Discuss what your family has learned about what it means to be a sustainable citizen. Talk about the behavioral changes and life choices your family can make to live more sustainably. Share what you learn with your counselor.

Class Catalog

Del-Mi Merit Badge University at Carmel High School - Freshman Center

DMBU130

Morning 08:30-12:00 PM
Afternoon 01:00-04:30 PM

H218

Paul Gosselin



Sustainability

Sustainable: relating to, or being a method of harvesting or using a resource so that the resource is not depleted or permanently damaged.

Additional Fee: \$6.00

Minimum Age: 10

Maximum Age: 17

Minimum number of participants: 2

Maximum number of participants: 20

Prerequisites: "Requirement 2.

Water A. - Develop and implement a plan that attempts to reduce your family's water usage. As a family, discuss water usage. To aid in your discussion, if past water bills are available, you may choose to examine a few. As a family, choose three ways to help reduce water consumption. Implement those ideas for one month. share what you learn with your counselor, and tell how you think your plan affected your family's water usage

Food A. - Develop and implement a plan that attempts to reduce your household food waste. Establish a baseline and then track and record your results for two weeks. Report your results to your family and counselor.

Energy B or C

B. - Develop and implement a plan that attempts to reduce consumption for one of your family's household utilities. Examine your family's bills for that utility reflecting usage for three months (past or current). As a family, choose three ways to help reduce consumption and be a better steward of this resource. Implement those ideas for one month. Share what you learn with your counselor, and tell how your plan affected your family's usage.

C. Evaluate your family's fuel and transportation usage. Review your family's transportation-related bills (gasoline, diesel, electric, public transportation, etc.) reflecting usage for three months (past or current). As a family, choose three ways to help reduce consumption and be a better steward of this resource. Implement those ideas for one month. Share what you learn with your counselor, and tell how your plan affected your family's transportation habits.

Stuff A. - Keep a log of the "stuff" your family purchases (excluding food items) for two weeks. In your log, categorize each purchase as an essential need (such as soap) or a desirable want (such as a DVD). Share what you learn with your counselor.

Requirement 5 A. - After completing requirements 1 through 4, have a family meeting. Discuss what your family has learned about what it means to be a sustainable citizen. Talk about the behavioral changes and life choices your family can make to live more sustainably. Share what you learn with your counselor."

Class Catalog

Del-Mi Merit Badge University at Carmel High School - Freshman Center

DMBU129

Morning 08:30-12:00 PM

Monon Center - West
Building
Leah Weprich



Swimming (Held off site at Monon Center)

Swimming is a leisure activity, a competitive sport, and a basic survival skill. Scouts who earn this badge will learn about safety when swimming and diving, how swimming can contribute to overall fitness and health, and gain some basic competitive swimming skills.

Additional Fee: \$13.00

Minimum Age: 10

Maximum Age: 17

Minimum number of participants: 2

Maximum number of participants: 15

<http://carmelclayparks.com/mcc/>

Prerequisites: This will be at the Monon Center. Transportation to and from the Monon Center is NOT provided.

Note: The deep water portions of the MB will not be completed during the session-7. It really depends on the scouts height for 2,6a,b. If completed at a prior event please bring evidence of the activity for the MB Counselor.

Deep Water completion opportunity Noblesville High School Pool, April 23, 2017 at 1pm with Del-Mi district.

Scout must be able to complete BSA Swim test as start of badge process.

DMBU191

Evening 06:30-10:00 PM

H205
John Rombach



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.

Additional Fee: \$6.00

Minimum Age: 10

Maximum Age: 17

Prerequisites: Requirements 9,10,11

Class Catalog

Del-Mi Merit Badge University at Carmel High School - Freshman Center

Event Management (Scheduled Classes)

EMC100

Lunch 12:00-01:00 PM

Cafeteria



Buy a Lunch

Unfortunately, we are not able to accommodate any special dietary restrictions. Please plan on bringing your own.

Additional Fee: \$6.00

Class Catalog

Del-Mi Merit Badge University at Carmel High School - Freshman Center

Training Sessions (Scheduled Classes)

TRN102

Morning 08:30-04:30 PM

H121/122

Ted Taylor



Den Chief Training

The course identifies den chief responsibilities and tasks, and describes the den chief's relationship to the adult den leaders and how that relates to the den chief's activities with the den.

Additional Fee: \$12.00

Minimum Age: 11

Maximum Age: 17

Minimum number of participants: 2

Maximum number of participants: 24

Prerequisites: All day class must take both sessions on Sat.

Bring Den Chief Handbook (Scout Shop item number 620805) if possible.