Merit Badge College

Class Catalog

Event Contacts

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Registration opens October 04, 2018
Visit www.scoutingevent.com/272-MBCollegeDelta18 to register

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MICHIGAN CROSSROADS COUNCIL

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Merit Badge College at Delta College

Merit Badge - Merit Badge College at Delta College (Scheduled Classes)

MB100 9-11:30 AM
F034
Verna Murawski

American Business
Earning the American Business merit badge can help Scouts learn practical business matters that will be useful throughout life. Learning how businesses function will help you understand society and uncover a number of career options.
Maximum number of participants: 30
Prerequisites: pre-requisites: 2, 3

MB103 9-11:30 AM
E118
Natalie Norris

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
Maximum number of participants: 25
Prerequisites: Pre-requisites: 4, 5

MB103 12:45-3:15 PM
E118
Natalie Norris

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
Maximum number of participants: 25
Prerequisites: Pre-requisites: 4, 5

MB104 9-11:30 AM
F035
Brad Herzog

Astronomy
In learning about astronomy, Scouts study how activities in space affect our own planet and bear witness to the wonders of the night sky: the nebulae, or giant clouds of gas and dust where new stars are born; old stars dying and exploding; meteor showers and shooting stars; the moon, planets, and a dazzling array of stars.
Maximum number of participants: 24
Prerequisites: Prerequisites: 4a (bring work product), 4b (bring work product), 4c (bring sketches), 5b (bring completed table), 5c, 5d, 6a (bring sketch), 6b (bring sketch), 7c, 8

MB104 12:45-3:15 PM
F035
Brad Herzog

Astronomy
In learning about astronomy, Scouts study how activities in space affect our own planet and bear witness to the wonders of the night sky: the nebulae, or giant clouds of gas and dust where new stars are born; old stars dying and exploding; meteor showers and shooting stars; the moon, planets, and a dazzling array of stars.
Maximum number of participants: 24
Prerequisites: Prerequisites: 4a (bring work product), 4b (bring work product), 4c (bring sketches), 5b (bring completed table), 5c, 5d, 6a (bring sketch), 6b (bring sketch), 7c, 8

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MB153 9-11:30 AM
F264
Bryan Schram

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.
Maximum number of participants: 24

MB153 12:45-3:15 PM
F264
Bryan Schram

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.
Maximum number of participants: 24

MB111 9-3:15 PM
C136/C138
Eric Joffre

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.
Maximum number of participants: 24
Prerequisites: 1a, 7

MB113 9-11:30 AM
F026
Anthony Hunsberger

Chess
Chess builds critical thinking, forward thinking, and proper sportsmanship in young people.
Maximum number of participants: 24
Prerequisites: Have knowledge of how pieces move, bring chess set & board (non electronic), and 3.

MB113 12:45-3:15 PM
F026
Anthony Hunsberger

Chess
Chess builds critical thinking, forward thinking, and proper sportsmanship in young people.
Maximum number of participants: 24
Prerequisites: Have knowledge of how pieces move, bring chess set & board (non electronic), and 3.

MB105 9-11:30 AM
J133
Ron Erwin

Cit in the Community * (1)
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.
Maximum number of participants: 30
Prerequisites: 2, 3, 4, 5, 7, 8, be prepared to make presentation

MB105 12:45-3:15 PM
J133
Ron Erwin

Cit in the Community * (1)
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

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citizens help to make decisions about their community through their elected local officials.
Maximum number of participants: 30
Prerequisites: 2, 3, 4, 5, 7, 8, be prepared to make presentation

MB108 9-11:30 AM
J134
Ashley Zeigler

Cit in the Community * (2)
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.
Maximum number of participants: 30
Prerequisites: 2, 3, 4, 5, 7, 8, be prepared to make presentation

MB108 12:45-3:15 PM
J134
Ashley Zeigler

Cit in the Community * (2)
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.
Maximum number of participants: 30
Prerequisites: 2, 3, 4, 5, 7, 8, be prepared to make presentation

MB106 9-11:30 AM
J135
Dave Kirby

Cit in the Nation * (1)
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.
Maximum number of participants: 30
Prerequisites: 1, 2, 3, 6, 7, 8

MB106 12:45-3:15 PM
J135
Dave Kirby

Cit in the Nation * (1)
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.
Maximum number of participants: 30
Prerequisites: 1, 2, 3, 6, 7, 8

MB109 9-11:30 AM
J136
John Clyne

Cit in the Nation * (2)
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.
Maximum number of participants: 30
Prerequisites: 1, 2, 3, 6, 7, 8

MB109 12:45-3:15 PM
J136
John Clyne

Cit in the Nation * (2)
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.

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Maximum number of participants: 30
Prerequisites: 1, 2, 3, 6, 7, 8

MB107 9-11:30 AM
J137
Tom Nothstine

Cit in the World * (1)
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.
Maximum number of participants: 30
Prerequisites: 7 (bring in documentation)

MB107 12:45-3:15 PM
J137
Tom Nothstine

Cit in the World * (1)
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.
Maximum number of participants: 30
Prerequisites: 7 (bring in documentation)

MB110 9-11:30 AM
J138
John Arnold

Cit in the World * (2)
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.
Maximum number of participants: 30
Prerequisites: 7 (bring in documentation)

MB110 12:45-3:15 PM
J138
John Arnold

Cit in the World * (2)
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.
Maximum number of participants: 30
Prerequisites: 7 (bring in documentation)

MB114 9-11:30 AM
E113
Lorene Corbett

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.
Maximum number of participants: 24
Prerequisites: Stamp and coin collecting are excluded from eligibility for this merit badge.
Scout must come prepared to show "2 groups" from his actual collection and pre-reqs completed to ensure completion of this merit badge. Scout should also review and prepare in advance to explain, describe, and demonstrate requirements as outlined in the Collections merit badge book. Only a short amount of time will be given to guidance for requirements during the session, as most time will be spent on collection "show 'n tell". It is recommended that the Scout use the Collections merit badge book to record information for this merit badge.
Pre-reqs: 2, 3c,4abc, 5acde, 8.

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MB114 12:45-3:15 PM
E113
Lorene Corbett

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.
Maximum number of participants: 24
Prerequisites: Stamp and coin collecting are excluded from eligibility for this merit badge.
Scout must come prepared to show "2 groups" from his actual collection and pre-reqs completed to ensure completion of this merit badge. Scout should also review and prepare in advance to explain, describe, and demonstrate requirements as outlined in the Collections merit badge book. Only a short amount of time will be given to guidance for requirements during the session, as most time will be spent on collection "show 'n tell". It is recommended that the Scout use the Collections merit badge book to record information for this merit badge.
Pre-reqs: 2, 3c,4abc, 5acde, 8.

MB115 9-11:30 AM
J140
Steve Koehr

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."
Maximum number of participants: 30
Prerequisites: 2, 3, 4, 5, 6, 7, 8, 9 and be prepared to discuss

MB115 12:45-3:15 PM
J140
Steve Koehr

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."
Maximum number of participants: 30
Prerequisites: 2, 3, 4, 5, 6, 7, 8, 9 and be prepared to discuss

MB118 9-11:30 AM
F028
James Klingenberg

Crime Prevention
Preventing crime, which can be as simple as reducing the opportuntities 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.
Maximum number of participants: 30
Prerequisites: 2 (bring in notebook), 4a (bring in written neighborhood crime prevention survey), 4b (bring in written home crime prevention survey), 5, 6a (bring in poster for display or photograph of the display that was created), 6b (bring in PSA or a photograph of the posting on the school's website), 6c (bring in a copy of the presentation), 7 (bring in documentation signed by parent, Scout leader, or adult involved in the program), 9d

MB118 12:45-3:15 PM
F028
James Klingenberg

Crime Prevention
Preventing crime, which can be as simple as reducing the opportuntities 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.
Maximum number of participants: 2
Prerequisites: 2 (bring in notebook), 4a (bring in written neighborhood crime prevention survey), 4b (bring in written home crime prevention survey), 5, 6a (bring in poster for display or photograph of the display that was created), 6b (bring in PSA or a photograph of the posting on the school's website), 6c (bring in a copy of the presentation), 7 (bring in documentation signed by parent, Scout leader, or adult

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involved in the program), 9d

MB144 9-11:30 AM
F032
Todd McQuiston

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.
Maximum number of participants: 30
Prerequisites: Pre-requisites: 1, Bring proof of cyber chip

MB144 12:45-3:15 PM
F032
Dave Lambert

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.
Maximum number of participants: 30
Prerequisites: Pre-requisites: 1, Bring proof of cyber chip

MB119 9-11:30 AM
E114
Charles Campbell

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.
Maximum number of participants: 25
Prerequisites: Pre-requisites: 2, 3, 4, 5, 6

MB119 12:45-3:15 PM
E114
Charles Campbell

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.
Maximum number of participants: 25
Prerequisites: Pre-requisites: 2, 3, 4, 5, 6

MB121 9-11:30 AM
F130
Kevin McLeod

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.
Maximum number of participants: 30
Prerequisites: 1, 2b, 2c, 6c, 8, 9. Must also have earned the First Aid Merit Badge

MB121 12:45-3:15 PM
F130
Kevin McLeod

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.
Maximum number of participants: 30
Prerequisites: 1, 2b, 2c, 6c, 8, 9. Must also have earned the First Aid Merit Badge

MB152 9-3:15 PM
F025
Andrew Millward

Energy
Saving, producing, and using energy wisely will be critical to America's future. If we are to leave future generations with a world in which they can live as well or better than we have, SCouts and other potential leaders of tomorrow must begin the hard work of understanding energy and the vital role it will play in the future.
Maximum number of participants: 25

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Prerequisites: Prerequisites: At least First Class rank, #1 (bring in articles), #4 (bring in work product)

MB122 9-3:15 PM
E126
Pam Howd

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.
Maximum number of participants: 26
Prerequisites: Class will be going outside, so please bring / wear appropriate clothing to spend time outside.
Dress for Winter (boots and coat), Read the MB book, Do number 2 - definitions, 3.E.2 - endangered species report. Go to Michigan Natural Features Inventory to find great information for the reports; https://mnfi.anr.msu.edu/species, 3.G.2 - honey bee pollination rep, go to Ask a Biologist for information - https://askabiologist.asu.edu/explore/honey-bees .

MB123 9-11:30 AM
J131
Michelle Gingery

Family Life * (1)
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.
Maximum number of participants: 30
Prerequisites: 3, 4, 5

MB123 12:45-3:15 PM
J131
Michelle Gingery

Family Life * (1)
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.
Maximum number of participants: 30
Prerequisites: 3, 4, 5

MB124 9-11:30 AM
J132
Jennifer Zielinski

Family Life * (2)
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.
Maximum number of participants: 30
Prerequisites: 3, 4, 5

MB124 12:45-3:15 PM
J132
Jennifer Zielinski

Family Life * (2)
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.
Maximum number of participants: 30
Prerequisites: 3, 4, 5

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MB125 9-11:30 AM
E117
Susan Bathke

Fingerprinting
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.
Maximum number of participants: 24
Prerequisites: bring magnifying glass, 4, be prepared to do 5

MB125 12:45-3:15 PM
E117
Susan Bathke

Fingerprinting
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.
Maximum number of participants: 24
Prerequisites: bring magnifying glass, 4, be prepared to do 5

MB126 9-3:15 PM
F036
Virginia Ludy

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.
Maximum number of participants: 24
Prerequisites: At least First Class rank, Test will be given, bring merit badge book

MB128 12:45-3:15 PM
F034
Verna Murawski

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.
Maximum number of participants: 30
Prerequisites: Pre-requisites: 2, 3, 4, 5, 6, 7

MB129 9-11:30 AM
F120

Geocaching
The word geocache is a combination of "geo," which means "earth," and "cache," which means "a hiding place." Geocaching describes a hiding place on planet Earth - a hiding place you can find using a GPS unit. A GPS (Global Positioning System) unit is an electronic tool that shows you where to go based on information it gets from satellites in space.
Maximum number of participants: 30
Prerequisites: Prerequisites - #7, 8 d, 9 and complete the worksheet downloadable from the following link: http://meritbadge.org/wiki/images/1/17/Geocaching.pdf
Dress for the outdoors, bring extra socks

MB129 12:45-3:15 PM
F120

Geocaching
The word geocache is a combination of "geo," which means "earth," and "cache," which means "a hiding place." Geocaching describes a hiding place on planet Earth - a hiding place you can find using a GPS unit. A GPS (Global Positioning System) unit is an electronic tool that shows you where to go based on information it gets from satellites in space.
Maximum number of participants: 30
Prerequisites: Prerequisites - #7, 8 d, 9 and complete the worksheet downloadable from the following link: http://meritbadge.org/wiki/images/1/17/Geocaching.pdf
Dress for the outdoors, bring extra socks

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MB146 9-11:30 AM
E112
Steve Bagadinski

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.
Maximum number of participants: 30
Prerequisites: Pre-requisites: 6, 7

MB146 12:45-3:15 PM
E112
Steve Bagadinski

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.
Maximum number of participants: 30
Prerequisites: Pre-requisites: 6, 7

MB145 9-11:30 AM
E110
Maureen Caster

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.
Maximum number of participants: 30
Prerequisites: Pre-requisites: 4, 5, 6, 7, 9, 11

MB145 12:45-3:15 PM
E110
Maureen Caster

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.
Maximum number of participants: 30
Prerequisites: Pre-requisites: 4, 5, 6, 7, 9, 11

MB154 9-11:30 AM
F020
Mike Bennett

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.
Maximum number of participants: 24
Prerequisites: Prerequisites: 2a, 4

MB154 12:45-3:15 PM
F020
Mike Bennett

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.
Maximum number of participants: 24
Prerequisites: Prerequisites: 2a, 4

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MB132 9-11:30 AM
F029
Tom Mahaffy

Personal Management (1)
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.
Maximum number of participants: 20
Prerequisites: 1, 2a, 5, 8b, 8c, 8d, 9, 10

MB132 12:45-3:15 PM
F029
Kyle Gibbs

Personal Management (1)
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.
Maximum number of participants: 21
Prerequisites: 1, 2a, 5, 8b, 8c, 8d, 9, 10

MB151 9-11:30 AM
F031
Mark Dauenhauer

Personal Management (2)
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.
Maximum number of participants: 20
Prerequisites: 1, 2a, 5, 8b, 8c, 8d, 9, 10

MB133 9-11:30 AM
E119
Jennifer Hesselink

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.
Maximum number of participants: 25
Prerequisites: 1b (bring in card), bring in your work, that is, show your work to the counselor for 4, 5, 6, and 7

MB133 12:45-3:15 PM
E119
Jennifer Hesselink

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.
Maximum number of participants: 25
Prerequisites: 1b (bring in card), bring in your work, that is, show your work to the counselor for 4, 5, 6, and 7

MB134 9-11:30 AM
M142/M145
Jim Orris

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.
Additional Fee: $6.00
Maximum number of participants: 45

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Prerequisites: There is an extra $6 charge for plumbing materials.

MB134 12:45-3:15 PM
M142/M145
Jim Orris

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.
Additional Fee: $6.00
Maximum number of participants: 45
Prerequisites: There is an extra $6 charge for plumbing materials.

MB147 9-11:30 AM
F027
Ken Thorp

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.
Maximum number of participants: 20
Prerequisites: 2, 4

MB147 12:45-3:15 PM
F027
Ken Thorp

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.
Maximum number of participants: 20
Prerequisites: 2, 4

MB155 9-3:15 PM
K116
Caleb Gordon

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).
Maximum number of participants: 24
Prerequisites: Prerequisite: #9b BROADCAST RADIO
a.
1. Prepare a program schedule for radio station "KBSA" of exactly one-half hour, including music, news, commercials, and proper station identification. Record your program on audiotape or in a digital audio format, using proper techniques.
2. Listen to and properly log 15 broadcast stations. Determine the program format and target audience for five of these stations.
3. Explain at least eight terms used in commercial broadcasting, such as segue, cut, fade, continuity, remote, Emergency Alert System, network, cue, dead air, PSA, and playlist.

See Radio Merit Badge Broadcast Log and Radio Merit Badge Terms to Know which is attached.

Class Catalog

Merit Badge College at Delta College

MB137 9-11:30 AM
F033
Matt Murawski

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.
Maximum number of participants: 25
Prerequisites: prerequisites 3, 5, 8

MB137 12:45-3:15 PM
F033
Matt Murawski

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.
Maximum number of participants: 25
Prerequisites: prerequisites 3, 5, 8

MB149 9-11:30 AM
J139
Laurie Hilyard

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 situation.
Maximum number of participants: 30
Prerequisites: 2

MB149 12:45-3:15 PM
J139
Laurie Hilyard

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 situation.
Maximum number of participants: 30
Prerequisites: 2

MB138 9-11:30 AM
F023/F024
John Bryant

Sustainability
Sustainability Merit Badge.
Maximum number of participants: 30
Prerequisites: 1, 2, 4, 5a

MB138 12:45-3:15 PM
F023/F024
John Bryant

Sustainability
Sustainability Merit Badge.
Maximum number of participants: 30
Prerequisites: 1, 2, 4, 5a

MB139 12:45-3:15 PM
Pool
Mary Moser

Swimming
Swimming is a leisure activity, a competitive sport, and a basic survival skill. swimming skills.
Additional Fee: $5.00
Maximum number of participants: 16
Prerequisites: This is not to earn the swimming merit badge. Bring your Scout book, swim suit, and towel. You will be working towards your 2nd and 1st class rank requirements. There is a $5 fee.

MB140 9-11:30 AM
J141
Mike Manzoni

Veterinary Medicine
The field of veterinary medicine in the 21st century is one of the most exciting medical professions in which to work. The skills of a veterinarian are practiced with cutting-edge technology and treatment options, and the profession offers a wide range of career choices.

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Maximum number of participants: 30
Prerequisites: Pre-requisite: 6

MB140 12:45-3:15 PM
J141
Mike Manzoni

Veterinary Medicine
The field of veterinary medicine in the 21st century is one of the most exciting medical professions in which to work. The skills of a veterinarian are practiced with cutting-edge technology and treatment options, and the profession offers a wide range of career choices.
Maximum number of participants: 30
Prerequisites: Pre-requisite: 6

MB141 9-11:30 AM
E116
Matt Hooverman

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.
Maximum number of participants: 30
Prerequisites: Pre-requisite: 9, 10

MB141 12:45-3:15 PM
E116
Matt Hooverman

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.
Maximum number of participants: 30
Prerequisites: Pre-requisite: 9, 10