

Merit Badge Programs

August 2018 - June 2019

MERIT BADGE WORKSHOPS

All merit badge workshops are lead by experienced, knowledgeable, and engaging merit badge counselors. Program fee includes supplies for hands-on activities, parking, and admission to MOSI after the program. Please bring your own Merit Badge Workbook and Blue Card. See Instructions for Getting Blue Card Signed below.



Ready to register? Call (813) 987-6000 and have your payment and participant information handy.

Missed the Registration Date? Call (813) 987-6000 to request a late registration OR email scoutreach@mosi.org to set up a private workshop for your group. **Additional fees apply for late registrations.**

Questions? Email scoutreach@mosi.org.

AUGUST 2018

Weather

Saturday, August 18, from 10:00am - 1:00pm

Program Fee: \$18 per scout, \$4 per adult, 1 adult free per 10 scouts

Discover the science behind extreme weather conditions and learn what it takes to be a meteorologist.

Prerequisites: 1, 2, 9, 11

Last Day to Register: Thursday, August 9

Communication - **FULL**

Saturday, August 25, from and 10:00am - 1:00pm

Program Fee: \$18 per scout, \$4 per adult, 1 adult free per 10 scouts

In a busy world that's always talking, learn how to communicate effectively. Work on writing small speeches, telling stories, and listening.

Prerequisites: 1, 4, 9

Last Day to Register: Thursday, August 16

Communication - **FULL**

Saturday, August 25, from and 2:00pm - 5:00pm

Program Fee: \$18 per scout, \$4 per adult, 1 adult free per 10 scouts

In a busy world that's always talking, learn how to communicate effectively. Work on writing small speeches, telling stories, and listening.

Prerequisites: 1, 4, 9

Last Day to Register: Thursday, August 16

Communication - **New Session**

Sunday, August 26, from and 2:00pm - 5:00pm

Program Fee: \$18 per scout, \$4 per adult, 1 adult free per 10 scouts

In a busy world that's always talking, learn how to communicate effectively. Work on writing small speeches, telling stories, and listening.

Prerequisites: 1, 4, 9

Last Day to Register: Thursday, August 16

SEPTEMBER 2018

Engineering

Saturday, September 15, from 10:00am - 1:00pm

Program Fee: \$18 per scout, \$4 per adult, 1 adult free per 10 scouts

Learn how engineers use science and technology to turn ideas into reality.

Prerequisites: 1, 2, 8, 9

Last Day to Register: Thursday, September 6

OCTOBER 2018

Electronics

Sunday, October 28, from 2:00pm - 5:00pm

Program Fee: \$18 per scout, \$4 per adult, 1 adult free per 10 scouts

Construct circuits with resistors and capacitors, learn about electrical components and more with this badge workshop!

Prerequisites: 1, 6

Last Day to Register: Thursday, October 18

DECEMBER 2018

Robotics

Saturday, December 8, from 10:00am - 1:00pm

Program Fee: \$18 per scout, \$4 per adult, 1 adult free per 10 scouts

Build and program robotic creations and compete in high-tech tournaments.

Prerequisites: 1, 7

Last Day to Register: Thursday, November 29

JANUARY 2019

Chemistry

Sunday, January 13, from 2:00pm - 5:00pm

Program Fee: \$18 per scout, \$4 per adult, 1 adult free per 10 scouts

Explore the states of matter, learn about physical and chemical changes, and conduct fun, fizzing, foaming, and even explosive experiments in the lab!

Prerequisites: 5, 6a and 6b, 7

Last Day to Register: Thursday, January 3

Nuclear Science

Sunday January 20, from 2:00pm - 6:00pm

Program Fee: \$24 per scout, \$4 per adult, 1 adult free per 10 scouts

Explore how nuclear reactors work, how we can use energy created through nuclear science, build tools that measure and track radiation, and more!

Prerequisites: 1, 2a, 8

Last Day to Register: Thursday, January 10

FEBRUARY 2019

Space Exploration

Saturday, February 23, from 3:00pm - 6:00pm

Program Fee: \$18 per scout, \$4 per adult, 1 adult free per 10 scouts

Build and launch chemical rockets and design a space station as you discover the science behind exploring the stars. Sign up for the Astronomy Workshop to get two badge workshops in one day!

*Please note that MOSI exhibits close at 6pm.

Prerequisites: 2, 5a or 5b, 6, 8

Last Day to Register: Thursday, February 14

Astronomy

Saturday, February 23, from 7:00pm - 11:00pm

Program Fee: \$24 per scout, \$4 per adult, 1 adult free per 10 scouts

Spend a fun filled evening at MOSI exploring the cosmos! Gaze into the night sky with telescopes in the Science Park, learn the stories behind the constellations in the Planetarium, and explore the moon using the Mission: Moonbase exhibit! Sign up for the Space Exploration Workshop to get two badge workshops in one day! *Please note that MOSI exhibits close at 6pm.

Prerequisites: 1, 6b, 9

Last Day to Register: Thursday, February 14

MARCH 2019

Game Design

Sunday, March 3, from 2:00pm - 6:00pm

Program Fee: \$24 per scout, \$4 per adult, 1 adult free per 10 scouts

Take your love for game-playing and delve into the world of game design, bend the rules to existing games and create new ones!

Prerequisites: 1, 3, 8b

Last Day to Register: Thursday, February 21

APRIL 2019

Environmental Science New Session

Sunday, April 7, from 10:00am - 1:00pm

Program Fee: \$18 per scout, \$4 per adult, 1 adult free per 10 scouts

Learn how you can protect the environment as you learn about ecosystems, different types of pollution, and conservation efforts.

Prerequisites: 1, 3e, 6

Last Day to Register: Thursday, March 28

Environmental Science FULL

Sunday, April 7, from 2:00pm - 5:00pm

Program Fee: \$18 per scout, \$4 per adult, 1 adult free per 10 scouts

Learn how you can protect the environment as you learn about ecosystems, different types of pollution, and conservation efforts.

Prerequisites: 1, 3e, 6

Last Day to Register: Thursday, March 28

Sustainability

Sunday, April 28, from 2:00pm - 6:00pm

Program Fee: \$24 per scout, \$4 per adult, 1 adult free per 10 scouts

Learn how to contribute to a sustainable environment through conservation and waste reduction.

Prerequisites: 1, 2 (Water A, Food A, Community B/C, Energy B/C, Stuff A & B/C), 5, 6

Last Day to Register: Thursday, April 18

MAY 2019

Inventing

Saturday, May 11, from 10:00am - 1:00pm

Program Fee: \$18 per scout, \$4 per adult, 1 adult free per 10 scouts

From idea to patent, discover how inventions affect our daily lives while creating a working prototype of your own invention.

Prerequisites: 1, 3c, 8, 9

Last Day to Register: Thursday, May 2

Plant Science

Saturday, May 25, from 10:00am - 1:00pm

Program Fee: \$18 per scout, \$4 per adult, 1 adult free per 10 scouts

Become a botanist for the day as you explore horticulture and agriculture.

Prerequisites: 6, 7, 8

Last Day to Register: Thursday, May 16

OVERNIGHT CAMP-IN

JUNE 2019

Emergency Preparedness Camp-in

Saturday, June 8th 7pm to Sunday June 9th 10am

Program Fee: \$40 per scout, \$20 per adult, 1 adult free per 10 scouts

A hurricane is headed towards the Tampa Bay area and you are setting up a shelter at MOSI! Learn how to prepare for and survive a natural disaster, as you spend the night at a mock hurricane shelter and emergency center. The camp-in includes the Emergency Preparedness merit badge workshop, light snack, sleeping at MOSI, light breakfast, parking, a MOSI 2019 Fun Patch for scouts, and general admission to MOSI.

Prerequisites: 1, 6, 7b, 8b, 8c, 9

Last Day to Register: Thursday, May 23

MERIT BADGE WEEKEND

Saturday, June 22nd to Sunday June 23rd
More information coming soon!



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Questions? See **FAQs** below. Email scoutreach@mosi.org for further questions.

Getting Your Blue Card Signed

You have two opportunities to get your blue card signed by a MOSI Merit Badge Counselor.

Option 1 (recommended): Get your card signed at the conclusion of your Merit Badge Workshop or Camp-in. Please allow up to 30 minutes **after** the workshop for signing Blue Cards. Having prerequisites and Blue Card information completed will help counselor check all workbooks quickly and efficiently.

Requirements

1. Scout must be present and fully participate in workshop activities.
2. Scout must show completion of prerequisites and requirements in the merit badge workbook. If the requirements are not completed, the Counselor will initial for partial requirements completed.
3. Scout must demonstrate proficiency in content covered by answering any questions and engaging in discussion with the Merit Badge Counselor and fellow scouts.
4. Scout must have a Blue Card pre-filled with appropriate information.

Option 2 If you or your scout are unable to get your card signed at the conclusion of a Merit Badge Workshop (due to incomplete workbook, time restraints, etc) follow the mailing instructions below.

Prepare the following packet and send to:

MOSI (Museum of Science and Industry)
ATTN: Education Department/Scout Programs
4801 E. Fowler Avenue
Tampa, FL 33617

Packet must include:

1. COMPLETED workbook with NAME of scout, DATE of workshop, and UNIT/TROOP #.
2. Blue Card with all fields pre-filled EXCEPT "Counselor Signature".
3. A self-addressed, stamped envelope.

Once we receive your packet, the instructor of the workshop (or other alternate qualified instructor) will review the workbook and sign the card if the requirements are satisfactory. If requirements are incomplete, counselor will initial for partial completion of requirements. We will then mail you the entire packet, with the exception of the Counselor's Record portion of the Blue Card, in the envelope you provide. **Please allow 2-4 weeks for processing.**

If you wish to check on the status of your Blue Card or have any questions, please email scoutreach@mosi.org.