

# Registration Form LTS 2018

Name: \_\_\_\_\_

Is this a minor? \_\_\_\_\_ If yes, age? \_\_\_\_\_ Designated guardian: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

I would like to attend the following classes:

<b>Beginner Course (7:00-8:30pm)</b>	<b>Advanced Course (9:00-10:30pm)</b>
_____ All 6 nights	_____ All 6 nights
_____ Week 1 (10 Jul) -- alt az, planispheres, satellites	_____ Week 1 (10 Jul) -- CCD basics, digital imaging
_____ Week 2 (17 Jul) -- RAdec, starcharts, starhopping	_____ Week 2 (17 Jul) -- differential photometry, obs. proj.
_____ Week 3 (24 Jul) -- telescopes	_____ Week 3 (24 Jul) -- TBD
_____ Week 4 (31 Jul) -- types of objects, observing lists	_____ Week 4 (31 Jul) -- TBD
_____ Week 5 ( 7 Aug) -- astrophotography	_____ Week 5 ( 7 Aug) -- TBD
_____ Week 6 (14 Aug) -- solar obs., observing projects	_____ Week 6 (14 Aug) -- TBD
[This course is open to everyone.]	[This course is open to everyone although it will be assumed that you know some basic concepts and already have some experience observing.]

[Session topics are subject to change. Check website for most up-to-date schedule/presenter.]

1. How did you hear about the classes? \_\_\_\_\_

2. Are you a member of an astronomy club? Which one? \_\_\_\_\_

3. Do you own a telescope? What kind? \_\_\_\_\_

## Pre-Class Quiz!

A. IR 38 will be visible tonight at 21:14:44 at mag. -5 with an az. of 79° and alt. of 60°. Describe what you will see and where you will have to look.

B. An object (Messier, star cluster) has an RA and dec. of 08h 40m 16.2s and +19d 58' 26". What is it and how did you find out?

C. Galileo is often credited with inventing the telescope, although the credit should belong to Hans Lippershey for inventing the \_\_\_\_\_ telescope. Newtonian telescopes are \_\_\_\_\_ telescopes. Schmidt- and Maksutov-cassegrains are \_\_\_\_\_.

D. How many Messiers have you observed?

E. What is a galaxy and what does it look like?

# Learn the Sky Nights 2018

Here it is! Our summer program "Learn the Sky" is back! This year we are holding the classes on Tuesday evenings. Classes start on 10 July so be sure to register soon!!

We will hold the 'beginner course' and if there is sufficient interest, an 'advanced course.'

- Have you ever wondered about what that bright star is near the moon? Or how do amateur astronomers know where to look in the sky? Have you ever gone to some of the astronomy websites and wondered what the heck they were talking about?

Then the 'beginner course' is for you! Register for any or all of the classes.

- Are you tired of observing the Messiers? Have you done some astrophotography but want to take it to the next level? Are you tired of just observing and want your observing to have some purpose?

Then the 'advanced course' is for you! Each class is independent of the others but it will be assumed that you have some familiarity with the topics covered in the beginner's course.

In addition, with the beginner and advanced class being back-to-back, you may register for both, but be aware that the advanced section may mention a topic that has not yet been covered...

For six Tuesday nights starting 10 July (2018), we will cover some of the basic (7:00pm - 8:30pm) and advanced (9:00pm - 10:30pm) topics in amateur astronomy.

We anticipate this being a popular program, so be sure to download the registration form and email it back to Elizabeth! Families are welcome... students under 17 **must be accompanied** by a responsible adult (other than me!!)

The classes will be a mixture of lecture, activities, and hands-on lessons. When the weather permits, we will use the observatory telescopes. In addition, there will be some 'homework' each week!

## Details

- **Registration** - Download, fill out, and email the registration form back to Elizabeth (warnerem@astro.umd.edu)  
-- [.pdf](#)  
-- [.doc](#)  
-- [.html](#)
- **Cost** -- \$10 per person per class; payment can be made at the first class you attend.
- **Course Credit** -- None, this is strictly a fun course for amateurs and other interested individuals who want to learn more about astronomy.
- **Class cancellations** -- classes will only be canceled in case of extreme weather. A message announcing any class cancellations will be posted on the Observatory homepage ([www.astro.umd.edu/openhouse](http://www.astro.umd.edu/openhouse)) and on Elizabeth's phone (301-405-6555).
- **Children** -- The classes are aimed at adults and the majority of attendees will be adults. For safety reasons, participants under 17 must be accompanied by a parent (or other designated guardian). Only the participating minor needs to register, but please inform me of their age and who will be accompanying them.