

Adult Astronomy Courses 2009-2010

AN INTRODUCTION TO THE NIGHT SKY

Join us on an informative trip through our night sky. Learn how to locate and identify stars, constellations, deep-sky objects, and other celestial objects. Explore general sky motions, the celestial co-ordinate sphere, constellation mythology, solar and lunar eclipses, telescopes and astrophotography. Price includes all handouts, a sky chart, a planisphere, the RASC Beginner's Observing Guide and evening snacks. The Margaret Zeidler Star Theatre, Observatory and the DOW Computer Lab will be used throughout the course. This is an excellent course for teachers teaching grade 6 Sky Science or for anyone with a general interest in astronomy! Please call Frank Florian at 780-452-9100 extension 2295 for course details or for a course outline.

Dates Available (20 Hours – 8 Instructional Evenings):

Thursdays: October 22 – December 10, 2009 OR January 21 – March 11, 2010 OR April 8 – May 27, 2010

Times: 7:00 p.m. – 9:30 p.m.

Fee: \$277.00 + GST

***Note:** To register for the Introduction to the Night Sky course scheduled for October 23 to December 11, 2009 please call **Edmonton Public Schools Metro Continuing Education at 780-428-1111**. For the two programs offered in 2010 please call the Advance Ticket Sales Office at 780-451-3344 or register in person at the Box Office.*

THE 1-2-3'S OF TELESCOPE USE

Let us show you how to make the most out of your telescope. Discover how to properly set up your telescope, how to use setting circles to find celestial bodies, what accessories would be useful to you and how to take care and perform proper maintenance of your telescope. Course fee will include a planisphere.

Dates Available:

Saturdays: March 6, 2010 OR April 17, 2010

Times: 2:00 p.m. – 6:00 p.m.

Fee: \$75.00 + GST

*Anyone who has purchased a telescope through our TELUS World of Science Gift Shop can take this course for a special rate of \$50.00 + GST!

***Note:** To register for the **1-2-3's of Telescope Use** please contact the Advance Ticket Sales Office at 780-451-3344 or register in person at the ticket desk.*

Special Interest Group Programs

ASTRONOMY BADGE

Sparks, Brownies, Guides, Pathfinders, Beavers, Cubs and Scouts

Look way up! This two-hour program covers material about the solar system and how to identify stars and constellations. Fulfills the astronomy requirements for certain badges and programs. This program includes a live presentation on the night sky in the Margaret Zeidler Star Theatre. A visit to our Observatory may also occur when weather permits.

Dates Available:

Tuesdays: December 1, January 5, February 2, March 2, April 6, May 4 OR June 1

Wednesdays: October 28, November 25, December 16, January 27, February 24, March 24, April 28 OR May 26

Thursdays: October 15, November 12, December 10, January 14, February 11, March 11, April 15 OR May 13

Saturdays: October 24, November 21, January 23, February 20, March 20, April 24 or May 22

Times: Tuesday, Wednesday and Thursdays, from 6:30 p.m. to 8:30 p.m.
Saturdays from 9:30 a.m. to 11:30 a.m.

Fee: \$ 10.00 + GST per participant, with all group leaders being free of charge.
Programmes available from October 6, 2009 to June 1, 2010.

Minimum attendance: 20 Maximum attendance: 90

ASTRONOMY/SCIENCE SLEEPOVERS

Sparks, Brownies, Guides, Pathfinders, Beavers, Cubs, Scouts, Junior Forest Wardens, School Groups

It's the best slumber party ever! In this special sleepover package we will take you on an experience that you and your group will never forget. Throughout the course of your sleepover you will:

- See an IMAX® film
- Experience the marvel of a full dome show in the Margaret Zeidler Star Theatre
- Learn about the night sky
- Visit the Observatory
- Perform fabulous science experiments
- Visit our Exhibit Galleries
- And finally...
- Sleep under the stars in the Margaret Zeidler Star Theatre

Dates: Friday or Saturday evenings from October 2, 2009 to June 12, 2010.

Time: 6:30 p.m. to noon the following day. Bookings must be made at least two weeks in advance of the date of visit.

Cost: \$54.95 + GST/participant

Minimum attendance: 20
Maximum attendance: 90

Participants must supply their own sleeping bag, air mattress or foam underlay, pillow and personal hygiene materials.

- 1 adult chaperone required for every 5 children. Chaperones are responsible for and must supervise and stay with their group during the entire visit.
- Evening pizza break and a morning breakfast are included in cost.

BEAVER GROUP SPECIAL

Beavers

Have your Beaver group enjoy a special showing of *BEAVERS* in IMAX® along with a showing of the new full dome show *SECRET OF THE CARDBOARD ROCKET* in the Margaret Zeidler Star Theatre for a special price of **\$10.00 + GST** per Beaver and **\$10.00 + GST** per adult. Groups may then spend time visiting our Exhibit Galleries after the two presentations.

Beavers in IMAX

This amazing IMAX film looks at the busy world of a beaver colony. The film was shot in the beautiful surroundings of Kananaskis Country near Calgary, Alberta and portrays the life, hazards and fun times of a beaver colony. Fun and educational for Beaver groups. Film length: 35 minutes

Secret of the Cardboard Rocket in the Margaret Zeidler Star Theatre

Climb aboard a magical cardboard rocket with two young adventurers, Marcus and Bonnie, and experience a breathtaking, up-close look at each of our solar system's planets with guidance from "Astronomy Book" – a character personified by a wise, kind old man. It's not until the end of the adventure when you find out what the true secret of the cardboard rocket is – something that makes this apparently impossible trip to the edges of our solar system possible. Show length: 40 minutes

Programme Outline

Times:

10:00 a.m. **Secret of the Cardboard Rocket** in the Margaret Zeidler Theatre

10:40 a.m. Science Demonstration

11:00 a.m. **Beavers** in the IMAX Theatre

*11:40 a.m. Free time to interact with the exhibits in the Exhibit Galleries

*Groups may stay for two additional hours to look through our Exhibit Galleries.

Dates Available:

Saturdays: October 17, 2009, November 14, 2009, December 12, 2009, January 16, 2010, February 6, 2010, March 13, 2010, April 17, 2010, OR May 15, 2010

GIRL GUIDES ON THE AIR (G.O.T.A.) (Tentative)

Sparks, Brownies, Guides, Pathfinders

Go live! Experience the world of amateur radio at TELUS World of Science. Join us in the VE6SSC Amateur Radio Station for a special 45-minute program introducing Guides to the fundamentals of amateur radio communication. Learn about the airwaves, do a hands-on activity and get the chance to contact Guides from around the world. This annual program is not to be missed!

Dates: Saturday, February 20 and Sunday, February 21, 2010 (tentative dates)

Amateur Radio Program Length: 45 minutes

Groups are invited to visit the facility before or after their program time.

Time: 10:00 a.m. to 5:00 p.m.

Program fees include: General Admission to Exhibit Galleries, Science Demonstrations, and Margaret Zeidler Star Theatre shows on that day.

For fees: Please contact Alice Mah at 780-465-7687 for more details.

For information and schedules, please visit our web site at www.telusworldofscience.com/edmonton.

Maximum attendance: 30/per 45 minute time slot

To register to participate in the G.O.T.A. program, please contact the Edmonton Area Guide Centre at 780-451-2263.

SELF DIRECTED EXPLORATION

Sparks, Brownies, Guides, Pathfinders, Beavers, Cubs and Scouts

Come in and experience TELUS World of Science!

Spend some time in the Exhibit Galleries; see an IMAX film and so much more. Pre-book your group for a visit during our regular hours of operation and receive a discount.

Dates: Monday to Sunday, October 2009 – June 2010

Times: 10:00 a.m. to 5:00 p.m. (Hours subject to change)

Fee: 10% discount for groups of 20 - 50 people. 20% discount for groups of 51+ people

Regular General Admission:

\$13.95/adult (18+) +GST

\$11.95/youth (ages 13 – 17) +GST

\$9.50/child (age 4 – 12) +GST

Regular IMAX Ticket Prices:

\$13.95/adult (18+) +GST

\$11.95/youth (ages 13 – 17) +GST

\$9.50/child (age 4 – 12) +GST

Combo Admission**For 1 General Admission + 1 IMAX Film (same day)**

\$22.50/adult (ages 18+) +GST

\$19.00/youth (ages 13-17) +GST

\$15.25/child (ages 3 – 12) +GST

(group discounts do not apply)

Minimum attendance: 20

All prices are subject to change without notice.

BOOKING INFORMATION

HOW TO REGISTER**BY PHONE:**

780-451-3344

Monday to Friday - 8:30 a.m. to 5:00 p.m.

IN PERSON AT THE BOX OFFICE:**(SLEEPOVERS EXCLUDED)**

Sunday to Thursday and Holidays - 10:00 a.m. to 5:00 p.m.

Fridays and Saturdays - 10:00 a.m. to 7:00 p.m.

SCHEDULES

Class schedule is limited, so book early to avoid disappointment. Schedules are subject to change without notice.

Minimum registration may apply.

PAYMENT

Payment accepted by cash, Interac, VISA, MasterCard or money order payable to

Edmonton Space & Science Foundation

REGISTRATION DEPOSIT

A \$50 non-refundable, non-transferrable deposit is required at the time of registration with final payment due upon arrival.

For Sleepover Bookings, a deposit of \$100 is required at time of booking, with final payment due upon arrival.

One adult chaperone is required for every five children for Sleepovers.

CANCELLATION POLICY

The \$50/\$100 deposit will not be refunded in the event of cancellation.