

# **Cabin Fever Class List**

## **January 4-8, 2010**

### **MSU-Northern Campus**

#### **ALL THE REST**

##### **RECYCLE AND REUSE**

**January 5, 6:30 PM - 8:00 PM**

**Brockmann, Room 209**

Each Montanan disposes twice the garbage a day than the national average on a per person basis. Would you like to learn how you can reduce that amount you and your family sends to the landfill? Participants will learn how they can recycle and reuse items in their home and community. Instructor is Mike Vogel, MSU Extension Housing and Environmental Quality Specialist. Registration fee is \$5, after December 23 the fee is \$10.

#### **IN THE OFFICE**

##### **HOW TO USE YOUR DIGITAL CAMERA**

**January 5, 6:00 PM - 9:00 PM**

**Brockmann, Room 213**

This practical hands-on class will help participants learn the basic operations of their digital camera. Participants will be guided through every menu and function on their camera including how to format a new card and how to set up the camera to get the best pictures with the least amount of work or technical knowledge. Participants are encouraged to bring their own digital camera but a camera is not required for this class. Instructor is Jim Potter, Director of University Relations, MSU-Northern. Registration fee is \$25, after December 23 the fee is \$30. **Class is limited to 24 participants.**

##### **GRANT WRITING**

**January 6, 9:00 AM - 3:00 PM**

**Brockmann Center, 209**

In this session we will discuss, step-by-step, the nuts and bolts of writing a grant proposal. The session will look at the sources for finding funds and will include successful templates for writing a proposal. Participants will also be provided with a simple to understand grant writing guidance handout. Instructor is Mike Vogel, MSU Extension Housing and Environment Quality Specialist. The fee is \$60, which includes one lunch; after December 23 the fee is \$75.

## **PHOTOSHOP: THE BASICS**

**January 6, 6:00 PM - 9:00 PM**

**Cowan Hall, Room 112**

During this evening workshop, participants will learn some of the basic skills of photo editing using Photoshop. Some of the skills you will learn include color correcting, sizing, cloning, layering, editing, and more. Instructor is Jim Potter, Director of University Relations, MSU-Northern. Registration fee is \$25, after December 23 the fee is \$30. **Class is limited to 12 participants.**

## **REALTORS UPDATE**

**January 7, 8:00 AM - 5:00 PM**

**January 8, 8:00 AM - 12:00 PM**

**MSU-Northern Student Union Building**

A variety of classes will be offered during this one and a half day program; attendees will receive twelve continuing education credits **IF** participants attend **ALL** sessions.

**WorkForce Housing III- Update.** Gain an advantage over your competition by attending this program. Identify 2010's newest and reemerging resources; covering today's lending environment and practical application. Learn financing options and techniques to empower you and your buyer/seller clients. Discover little known support programs for you to enable more buyers. Share in a special presentation by Montana Board of Housing and NeighborWorks of Montana to learn of the latest programs, purchase/income limits, loan processing, credit review, property requirements and future trends. **Note:** This class is not a MAR WHS Designation program segment, however it is intended for the benefit of *all* licensees. The instructor is Cal Scott. This session is approved for four mandatory Real Estate Continuing Education Credits.

**2010 Code of Ethics.** What are your past clients saying about you on the Internet? Did they mention your ethics? The instructor is Cindy Lanier. This session is approved for four mandatory Real Estate Continuing Education Credits.

**2010 REPSA, Final Rule-Settlement-Closing.** Before an impending publicity rush and barrage of industry and consumer questions and confusion, empower yourself and your clients. Demonstrate your advance knowledge and preparedness by learning and understanding the new 2010 RESPA regulatory background, rules, changes, forms, enforcement and consumer protections. Learn how you may better represent your consumer/clients from first meeting through to the newest settlement and closing processes. The instructor is Cal Scott. This session is approved for four mandatory Real Estate Continuing Credits.

Registration fee is \$115, which includes one lunch; after December 23 the fee is \$130.

## **PHOTOSHOP: THE NEXT LEVEL**

**January 7, 6:00 PM – 9:00 PM**

**Cowan Hall, Room112**

If you already know the basics about Photoshop and would like to learn more, then this is the class for you! In this class, participants will learn how to use Curves to color correct your images. Participants will also learn how to get rid of the grain caused by taking pictures in a low light situation and how to use blending modes, effects filters and several masking techniques. Instructor is Jim Potter, Director of University Relations, MSU-Northern. Registration fee is \$25. After December 23 the fee is \$30. **Class is limited to 12 participants.**

## **BROKER SUPERVISOR CLASS II**

**January 8, 1:00 PM - 5:00 PM**

**MSU - Northern Student Union Building**

What do you know about training and supervising your agents? How do you train and supervise? The instructor is Cindy Lanier. This session has been approved for four mandatory Real Estate Continuing Education Credits. Registration fee is \$50; after December 23 the fee is \$55.

## **DIGITAL VIDEO EDITING**

**January 8, 6:00 PM – 9:00 PM**

**Brockmann, Room 213**

If you have ever wanted to know how to put your home movies or photographs on to a DVD, then this is the class for you! In this class, participants will learn how to capture video and photos into your computer. Participants will learn how to edit that video, add music, narration, and transitions. We will then render your show and save it on a video tape, DVD or e-mail it to a friend. Instructor is Jim Potter, Director of University Relations, MSU-Northern. Registration fee is \$25, after December 23 the fee is \$30. **Class is limited to 12 participants.**

## **IN THE SHOP**

### **LOG FURNITURE BUILDING AND CNC PLASMA CUTTING**

**January 5, 6, 7 and 8, 9:00 AM - 4:00 PM**

**Brockmann Center, Room 109**

This four day workshop will allow participants to learn the techniques involved in log furniture building. Students will be able to identify a round mortise and tenon joint layout and will learn about the techniques in building a log bed, couch and chair along with other types of log furnishings. During this class; a log chair will be built. As an addition to the log furniture we will be incorporating the CNC plasma cutter. This process will add some metal design work to the furniture. Students will be able to design and draw using the Plasma CAM software and then using the CNC plasma cutter they will cut out their design. All building materials will be provided but participants must provide their own personal and protective equipment (safety glasses, gloves etc.). If participants have a draw knife, please bring it to class, but it is not required. Instructors include Danny Boyer, Instructor of Carpentry, MSU-Northern and Autumn Elliot, Instructor of Design Drafting, MSU-Northern. Registration fee is \$185, which includes four lunches and supplies; after December 23 the fee is \$200. **Class is limited to 15 participants.**

### **HEAVY DUTY TRUCK SAFETY AND AIR BRAKE SYSTEMS**

**January 5, 8:30 AM - 4:30 PM**

**Applied Technology Center, Room 112**

This one day workshop will cover the air system and system components (brakes, air suspension, etc) used in on-highway and farm truck and trailer applications. Workshop will be conducted both in the classroom and the lab with a live vehicle. Industry training materials will be used throughout the workshop. Industry and Department of Transportation standards will be emphasized throughout the class. ABS systems will also be addressed. Instructor is Steven Don, Assistant Professor, Diesel/Automotive/Ag. Mechanics, MSU-Northern; Merlin Frydenlund, Motor Carrier Enforcement Officer, Montana Department of Transportation. Registration fee is \$65, and includes one lunch; after December 23 the fee is \$80. **Class is limited to 20 participants.**

## **BEGINNING AUTOMOTIVE/DIESEL ELECTRICAL DIAGNOSIS REPAIR**

**January 7, 8:30 AM - 4:30 PM**

**Applied Technology Center, Room 111**

Various electrical systems and topics will be covered including Ohm's Law, troubleshooting techniques, Digital Volt/Ohm Meter usage, battery testing, starting/charging system testing, wiring repairs, lighting systems, relays, and general electrical systems utilized in automotive and diesel equipment. The first portion of the class will utilize electrical simulators and the second portion of the class will utilize the participants' vehicles to test and troubleshoot battery, starting, charging, and other various electrical systems. No prior experience is required to attend this workshop. Participants must provide their own safety glasses when working on vehicles in the shop. Industry testing and repair procedures and guidelines will be followed, as will correct safety procedures. Instructor is Brad Kolberg, Automotive Technology Instructor, MSU-Northern. Registration fee is \$65, which includes one lunch; after December 29 the fee is \$80. Renewal units are available. **Class is limited to 10 participants.**

## **IN YOUR SPARE TIME**

### **NAVAJO SILVERSMITHING**

**January 5, 8:00 AM - 5:00 PM**

**Brockmann Center, Room 211**

Southwestern Native American jewelry has probably become the foremost American craft. It has not only become a monetary investment for millions of Americans but an investment in beauty they can enjoy every minute of the day. This one-day workshop will allow participants to step into the world of Navajo silversmithing. Navajo jewelry has been well-known for its distinctive bold design and use of silver and turquoise gems. In this introductory level, students will develop techniques that allow them to join several pieces of silver together to create a Navajo turquoise ring. Participants must provide safety glasses, gloves and needle nose pliers. Navajo Silversmith is Andrew Johnson, Instructor of Industrial Technology, MSU-Northern. Registration fee is \$155, which includes supplies for one ring (silver, bezel and gem) and one lunch; after December 23 the fee is \$170. Renewal units are available. **Class is limited to 15 participants.**

### **DESIGNING GLASS BEADS**

**January 5, 10:00 AM - 3:00 PM**

**Brockmann Center, Room 216**

Learn to design your own glass beads. Working with high temperature glass rods and a torch, participants will learn application of glass onto a mandrel plus basic design methods. Design methods include feathering, shapes, dots and bubbles. During the afternoon the beads will be inserted into a series of macramé knots producing a necklace and bookmark. Registration is \$65, which includes supplies, safety glasses and one lunch; after December 23 the fee is \$80. Instructor is Amanda Ollendorf, artist. Renewal units are available. **Class is limited to 6 participants.**

### **BASIC GLASS BEADS**

**January 5, 6:00 PM - 8:00 PM**

**Brockmann Center, Room 216**

For those of you who would like to learn the basics of glass bead making this class is for you. It is the perfect opportunity to learn basic techniques. The fee is \$20, which includes supplies and safety glasses. After December 23 the fee is \$25. Instructor is Amanda Ollendorf, artist. **Class is limited to 6 participants.**

## **NAVAJO SILVER JEWELRY CASTING**

**January 6, 8:00 AM - 5:00 PM**

**Brockmann Center, Room 211**

This one-day workshop is designed to introduce Navajo jewelry casting. Participants will have the opportunity to learn basic concepts of silver casting fundamentals and foundry methods. At this introductory level, participants will learn brief history, styles, and designs of Navajo silver casting. The participants will be introduced to design, layout and mold carving techniques. Basic foundry tools will include a torch, crucible, files, polishing and finishing equipment. Projects will be hands-on to produce a satisfying keepsake through the unique jewelry casting process. Participants must provide safety glasses and gloves. Navajo Silversmith is Andrew Johnson, Instructor of Industrial Technology, MSU-Northern. Registration fee is \$155, which includes supplies (silver findings and molding materials) and one lunch; after December 23 the fee is \$170. Renewal units are available. **Class is limited to 15 participants.**

## **PHOTO TO WALL QUILTS**

**January 6, 10:00 AM - 4:00 PM**

**Brockmann Center, Room 105**

Learn to choose interesting fabrics that will replicate the photo's image and learn how to break down the photo into simple shapes that will make colorful pieces of art. You will need to bring (Sharpie extra fine 3 colors, black fine point sharpie, paper scissors, small scissors for detail work, fabric stash and pieces, iron and pad, pressing sheet). In your stash of scraps, good fabrics to bring are: batiks, textured fabrics, tone on tone and blenders. 30 to 40 scraps up to 1/4 yard would do nicely. Instructor is Brenda Yirsa, Pattern Designer. Class is sponsored by Bearly Square Quilting. Registration is \$80, which includes one lunch, after December 23 the fee is \$95.

## **NAVAJO SILVER PINE NEEDLE CASTING I**

**January 7, 8:00 AM – 5:00 PM**

**Brockmann Center, Room 211**

This one-day workshop will allow participants to experience the creative art of free-form Navajo silver casting through the use of pine needles. Participants will make a relatively simple free-form mold that will result in a silver jewelry pendant. You will not only make jewelry, but will take with you the hands-on experience of old style Navajo foundry casting. This will truly be a conversation piece that will bring many compliments of its unique design and beauty. No two will look alike due to its marvelous uniqueness. Basic foundry methods will include a torch, crucible, files, polishing and finishing equipment. All participants will be required to have safety glasses, gloves and needle nose pliers. Navajo Silversmith is Andrew Johnson, Instructor of Industrial Technology, MSU-Northern. Registration fee is \$155, which includes supplies (silver, pine needles and hoop ring) and one lunch; after December 23 the fee is \$170. Renewal units are available. **Class is limited to 15 participants.**

## **FREE MOTION MACHINE QUILTING**

**January 7, 10:00 AM - 4:00 PM**

**Brockmann Center, Room 105**

Learn the art of free motion quilting and all kinds of tips of the trade. Become more comfortable with your machine as you learn how to prepare a quilt for quilting, including pinning, marking, and choosing designs. You will do samples that teach you free-motion quilting, including background fills. Instructor is Edna Gregory

of Bearly Square Quilting. Bring basic quilting supplies and your sewing machine. Registration fee is \$70, which includes one lunch; after December 23 the fee is \$85. Renewal units are available.

### **FLY TYING**

**January 7, 6:30 PM - 9:00 PM**  
**Brockmann Center, Room 216**

The instructor will take you step by step through the basics of tying your own flies for fishing. The instructor will cover the tools, materials and techniques needed to make your own flies; both wet and dry flies will be demonstrated. You will learn to tie four to five different patterns to take home. Instructor is Tom Allen, MSU-Chouteau County Extension Agent. Registration fee is \$10, which includes supplies; after December 23 the fee is \$15. **Class is limited to 8 participants.**

### **NAVAJO SILVER PINE NEEDLE CASTING II**

**January 8, 8:00 AM – 5:00 PM**  
**Brockmann Center, Room 211**

This one day workshop is a continuation of the creative art of Pine Needle Casting. The emphasis is placed on additional practice of free-form casting offered for participants to create a matching set of ear rings. Participants will comprehend and interpret the concept of shape design, contour lines, and balance that will complement the silver pendant previously created in Pine Needle Casting I workshop. You will not only make unique jewelry design, but will take with you the more hands-on experience of old style Navajo casting. Basic foundry methods will include a torch, crucible, files, polishing and finishing equipment. All participants will be required to have safety glasses, gloves and needle nose pliers. Navajo Silversmith is Andrew Johnson, Instructor of Industrial Technology, MSU-Northern. Registration fee is \$155, which includes supplies (silver, pine needles and ear-wire hoop) and one lunch; after December 23 the fee is \$170. Reduced fee of \$135 offered to participants who took Pine Needle Casting I. Renewal units are available. **Class is limited to 15 participants.**

### **ON THE FARM**

#### **GLOBAL POSITIONING SYSTEMS BASICS AND PRECISION AGRICULTURE GUIDANCE AND MANAGEMENT SYSTEMS**

**January 5, 8:30 AM - 4:00 PM**  
**Brockmann, Room 213**

This will be a practical and informative session on the basics of GPS, GPS receivers, coordinate systems, GPS receiver capabilities and uses. Setup of handheld receivers for marking points, paths and polygons and other utilities will be demonstrated. Participants will spend time reviewing and learning commonly used geo-coordinate grid systems (lat/long, state plane, UTM, land survey), map datums and how to download and upload and utilize GPS information with computers and software. Many tips and techniques on how to get the most from a GPS receiver will be shared and featured. Instructor for the morning is Tom Welch, Professor of Agriculture Technology, MSU-Northern. The afternoon program will feature break out sessions with experienced representatives from GreenStar<sup>TM</sup>, Outback Guidance and Trimble Agriculture guidance systems. Session participants will hear and see what kinds of equipment and GPS systems are available for precision agriculture guidance and management. Each vendor will showcase their systems and discuss capabilities and features. Vendors will also be provided time for informal question and answer sessions with those interested. Registration fee is \$40, which includes one lunch; after December 23 the fee is \$55.

## **FARM WORKS® SO YOU DON'T HAVE TO!**

**January 6, 8:30 AM – 5:00 PM**

**Brockmann Center, Room 213**

Do you know how to bring your bank and credit card statements into Farm Works® from online banking? How about those NRCS soil maps of your fields to look at where you might get some more bushels? Do you have a harvest yield monitor? It's time to look at where you got the most production. The new version of Farm Works® can help you with these and other real farm operations. Need a report for your banker? It's easier than you think when you have Farm Works® doing the work for you. Come refresh your knowledge on the Farm Works® software. We are going to show you how to do these things as well as watch you do them so when you get back to the farm office you won't be struggling with your program. If you have the program on your lap top you can bring it to class, however you will not have internet access for some of the on-line activities. Instructors for this class are Daryl Sather, local farmer and Mitch Konen, Fairfield area farmer. Cost is \$45 and includes one lunch. After December 23 the fee is \$60.

## **INITIAL PRIVATE APPLICATOR LICENSE TRAINING**

**January 7, 8:15 AM - 5:00 PM**

**Brockmann Center, Room 209**

This program is designed for agricultural producers who do not have a Private Applicator Pesticide License required to apply restricted use pesticides or those who need to have re-certification points. Completing this program qualifies participants for the license. Topics will include: pesticide laws and regulations, pesticide toxicity, protective clothing and equipment, pesticide storage and disposal, sprayer calibration, and noxious weeds. Participants are required to bring their own calculator. Instructors are Terry Turner, Hill County Weed District Supervisor; Joe Broesder, MSU-Hill County Extension Agent; Tom Allen MSU Chouteau County Extension Agent; and Linda Johns, Montana Department of Agriculture. **This class has been approved for six Private Applicator Pesticide re-certification points.** Registration fee is \$25, which includes one lunch; after December 23 the fee is \$40. Renewal units are available.

## **2010 SUSTAINABLE CROP PRODUCTION UPDATE**

**January 8, 2010, 8:45 AM - 3:00 PM**

**MSU-Northern Applied Technology Center, Hensler Auditorium**

This program will include updates on fertilizer nutrient uptake timing, integrated pest management, new or updated agricultural herbicides, emerging market opportunities and the economics of alternative crops, and a cereal grain variety update. Instructors include: Clain Jones, MSU Extension Soil Fertility Specialist, Cecil Tharp, MSU Extension Pesticide Education Specialist, Arlene Rice, Hi-Line Chemical, Chad Lee, Business Development Officer, Montana Department of Agriculture, and Gregg Carlson, Superintendent, Northern Agricultural Research Center. **This course has been approved for three (3) Re-certification credits for Montana commercial and governmental applicators holding licenses in the following categories: Dealer, Demonstration & Research, Agricultural Plant Pest Control, Right of Way Pest Control, and Regulatory Weed Pest Control. This class has been approved for 3 private re-certification credits.** Registration fee is \$25 which includes one lunch; after December 23 the fee is \$40.

If there are any question about Cabin Fever contact the  
MSU Hill County Extension office (406)265-5481 ext. 233

## CABIN FEVER INSTITUTE REGISTRATION FORM

To register for any of the Cabin Fever Institute offerings, please fill out this registration form and mail it with full payment to the MSU HILL COUNTY EXTENSION OFFICE, 315 FOURTH ST., HAVRE, MT 59501. See workshop descriptions for pre-registration information, some workshops may have limited enrollment. Registration fees are non-refundable. Checks should be made payable to Hill County Extension. Please consider yourself enrolled. You will only be contacted if the course you selected is full. Fees must be received before you are registered for a class. For further information, call the Extension Office at (406) 265-5481, Extension 233.

NAME: \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP \_\_\_\_\_

EMAIL \_\_\_\_\_ COUNTY \_\_\_\_\_

HOME PHONE \_\_\_\_\_ WORK PHONE \_\_\_\_\_ CELL PHONE \_\_\_\_\_

LIST PROGRAM(S)	COST:	LIST PROGRAM(S)	COST:
_____	_____	_____	_____
_____	_____	_____	_____
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**Total Cost \$** \_\_\_\_\_

### PHOTO RELEASE

I grant to Montana State University, its employees and agents, the irrevocable and unrestricted right to photograph me and to use and publish photographs of me or in which I may be included for promotion, art, illustration, advertising and trade and any other purpose and in any other manner or medium and to alter and composite the same without restriction and without my inspection and approval.

Initial here if you **would allow** photos to be taken \_\_\_\_\_.

Initial here if you **do not** want photos taken \_\_\_\_\_.

DATE: \_\_\_\_\_ SIGNATURE \_\_\_\_\_