North House Folk School

fall Winter *Spring* *Summer*

course catalog 2012/13

On the cover

On the cover of this catalog, one of North House's 2012 program interns, Candace LaCosse, is pictured, working on her bench in the "Timbered Workbench: Early American Style" course (p. 45). Although the picture filled the criteria for a cover photo (bright colors, engaged student, nice composition), the enormity of the moment captured in the picture came to light after the photo was picked.

The picture depicts the first course Candace took at North House as an intern. She had little to no experience with the woodworking tools used in the course, but approached the class with an open mind and determination.

"I was a little apprehensive at first," she said. "I was the only younger person in the course–it was mostly men who had done a lot of woodworking. But after awhile I realized, wow! I can totally do this!"

"The class was hugely inspirational to me! I felt such a sense of accomplishment and I'm so proud of my table." she said. "It was so wonderful to build something that is so functional and nice to look at. It really sparked in my brain what North House is all about."

As adults we can easily avoid trying new things. It's so simple to just do what we know, day after day. There is tremendous vulnerability in trying something for the first time, and it's made even greater when the experience occurs in a group of adult peers. Every student who comes onto campus is opening him or herself up to the possibility of new discovery, but also to the possibility of looking silly, or not being good at something new. But with that risk comes great reward. Not only in the finished product, but in the learning that occurs along the way. You might laugh, you may be challenged, but we bet, in the end, you'll also have a lot of fun.

We hope to see you on campus soon taking the risk, reaping the rewards, and simply experiencing the joy of working with your hands.

north house folk school

is situated on Minnesota's North Shore of Lake Superior and at the edge of the Boundary Waters Canoe Area Wilderness. Our campus is located harbor side in the vibrant, artistic village of Grand Marais, Minnesota.

A number of colorful timbered structures on the harbor serve as classrooms, defining the campus' flavor. An outdoor masonry oven and community fire ring are scattered amidst a central courtyard. Small, handcrafted wooden boats line the beach and our 50' schooner, the Hjørdis, is docked at the water's edge.

Prior to the beginning of classes, students gather to share a cup of coffee or tea, enjoying the morning stirrings on the harbor. Classes typically start with a campus greeting, and then students spend the morning engaged in their respective crafts. A midday break gives students the opportunity to gather for a brown bag lunch at a beachside picnic table or to check out one of the numerous eateries within walking distance of campus. At day's end, students congregate to share their learned experiences and often on Saturday night enjoy wood-fired pizzas in the harborside masonry oven.

Students are as diverse as the course offerings themselves. Many are discovering a new craft for the first time, and others are continuing to pursue a lifetime hobby or trade. From breadbaking to knitting, basketmaking to woodcarving, we invite you to page through this catalog and see what suits you.

mission

Enriching lives and building community by teaching traditional northern crafts in a student-centered learning environment that inspires the hands, the heart and the mind.

Five basic tenets underscore all programs and classes at the folk school:

- Create a rich, positive environment that inspires life-long learning in a non-competitive setting
- Help students recognize and develop their creativity, talents and interests in a student-centered environment
- Promote and preserve the knowledge, skills and stories of the past and present
- Foster the concept of intergenerational learning
- Provide creative and meaningful opportunities for individuals, families and groups

Community supported

Stop by the North House campus anytime and one thing is immediately apparent – North House thrives thanks to the creativity, investment, involvement and generosity of many people. Individuals, families, businesses, funders – it's the collective strength of North House's diverse community of supporters that lets us thrive.

What do donor investments make possible? In 2012, gifts from members have pushed our new campus' Outdoor Commons toward completion. Over the past summer it has been inspiring to see the space truly shine during Wooden Boat Show, various courses and Saturday campus pizza bakes. Donor support also helps us secure important learning resources for campus, including equipment for our teaching kitchen, and tools necessary for our blacksmithing offerings.

Not only does donor support help make campus a better place to learn, but it allows North House to bring inspiring guests to events, like weaver Norman Kennedy (at Unplugged), and author and photographer Seth Kantner (at Winterer's Gathering).

Your support DOES make a difference. Can you help? Indeed – it's simple. Get involved. Become a North House member. Or become a volunteer. Even both. Become a member and receive a number of benefits throughout the year. Our catalog will show up in your mailbox twice a year, as will our newsletter *Shavings* and our annual report. Members even "Get The Pass" at all of our special events.

See page 51 for further information – we'd love to have you as part of the North House family!

On the harbor

Like hundreds of other memories, I can hear it if I just close my eyes and think back: an insistent grinding growl, both quiet and determined. Not a sound you would expect to hear coming from underground. But nevertheless, an unanticipated sound now filled with hope and possibility. Was it the answer, a way forward? We waited…

The way forward at North House has been filled with stories like this one. Faced by challenges poetic or practical, creative minds engaged and found a path forward. Some were moments and stories that would no doubt live on in the book of North House legend, others were simply worthy of spirited laughter. What mattered most was that the way ahead was now clear.

True, grinding growls from underground are far from poetic—especially in this case. It was 2001, and the city had just installed a new sewer line that crossed through North House's campus. There were two deep gravelly holes 200+ feet apart, one near the blue building and one near the yellow house. North House was a young non-profit—we were growing, and every day the phones were ringing more often. Our two offices (housed in separate buildings) needed to be connected. There were phone lines to be pulled and computer cables to be run. Though cloaked in disguise, it was clear that opportunity was at the door—with the ground opened wide we could connect our offices by laying a 4-inch pipe. The only problem: after installing and burying the pipe our repeated efforts to fish a line from one end to the other failed.

Unexpectedly, one of the staff, Gary, disappeared. Did he need a cup of inspirational coffee? Moments later he returned with a mischievous smile on his face. In his hand was a small brown bag. Inside was a spool of heavy duty fishing line, a package of batteries, and a small battery-powered toy truck, which was exactly 3" wide. Gary disappeared into one of the gaping holes with an obvious sense of direction. Suddenly, Gary jumped up and dashed across campus, vanishing into the other hole. Then, we heard his shout: "I think I hear it!" We waited patiently as an insistent grinding growl slowly grew louder. We checked the first hole to confirm an important fact: fishing line was slowly being pulled into the pipe. Back at the other side of campus a small truck tumbled out into the sunshine at the bottom of the hole. The way ahead was now clear.

From poetic to practical, the hands, hearts and creative talents of thousands have shaped the stories both told and untold at North House. We've come a long way. A visit to campus underscores all that we have accomplished together. More stories await, and there are new chapters to be written. We hope to see you on campus soon!

- Greg Wright, Executive Director

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folk traditions weekend

We've noticed that when visitors and students are on campus there's great appeal in peeking into each classroom to discover what sort of learning is taking place. The clang of the blacksmith's hammer, the pounding of a black ash log, the quiet shushing of a drawknife on wood–they all lure curious faces to the outskirts of each classroom. What are other students learning, and where do all of these ancient crafts intersect?

In the spirit of facilitating that process of dicovery, we're excited to introduce our first Folk Traditions Weekend. March 14-17. We've scheduled a lineup of three diverse courses: Traditional Furniture Building with Hand-tools, Spring Pole & Electric Lathes (p. 45), Slöjd Workshop: Shrinkboxes, Ale Bowls & Knife Work (p. 44), and Aniishiinaabe-Style Moccasin and Bead Embroidery (p. 13). The goal is for students to not only learn a new craft, but also to get to know their fellow learners and discover how these courses and their deep-rooted traditions overlap. All of the courses begin and end on the same days, and students will have the chance to share the whole learning experience with each other. Although working on three different projects, there will be shared meals, shared laughter, and evenings together around the woodstove with instructor presentations and more. We're hopeful that the weekend foster community through craft and the joy of learning together. Won't you join us?

about the artist

You may note some new additions to this edition of the course catalog: folksy renderings of some of our most popular courses to kick off each theme. These line drawings came about via the talented hand of program intern Beth Homa. A Minnesota girl, Beth studied painting and intaglio printing at Hamline University and took an interest in illustrating after completeing her degree. Following her arrival on the North House campus, staff was quick to pick up on her skills.

"I feel like I was 'discovered' at staff meetings," she said. "Everyone noticed all of the doodles on my notes." Soon after she was commissioned to create many of the new signs now seen on campus.

For the catalog, creating images representative of each theme was an interesting task for her. "The drawings made me look more deeply at each of the craft themes," she said. "After doing the illustrations I feel more a part of the school–I'm leaving a legacy." We'll enjoy it for years to come!

timber framer's guild meeting

In March of 2013 North House is honored and excited to host the North-Central regional meeting of the Timber Framer's Guild. The regional meeting takes place on a sporadically regular basis in a variety of locations, and engages professional and aspiring timber framers in conversations about new skills in this old craft.

North House will offer a slate of expanded timberframing course options, including "Grindbygg: Norwegian 'Trestle Frame' Timber Framing" with lead timber framing instructor Peter Henrikson. It's a new (to North House) style of timber framing which Peter will teach following a month in Scandinavia studying with Kårre Herfindal, master Grindbygg craftsman. There's also a new timber frame engineering course, "Introduction to Timber Frame Engineering: Design it, Make it & Break it," in which a machine will be used to stress-test various framing joints. See more new course offerings in the Timber Framing section of this catalog, starting on page 37. Yet to be scheduled are mini workshops,social gatherings around the wood-fired pizza oven, and of course plenty of story-telling time.

give to the max day 2013

giveMN.org
Click. Contribute. Change Your World.

Billed as "The Great Minnesota Give Together," Give to the Max Day is a fundraising day that counts for non-profits all over the state–and North House is one of them! This year it's Nov. 15, and we hope you'll remember North House as you donate to your favorite non-profit organizations.

Every donation makes a difference–15% of North House's total funding comes from individual donors just like you. Even a $5 or $10 donation will be put to good use helping North House keep the doors open and offering a wide array of courses to inspire hands-on learning. On Nov. 15 visit GiveMN.org and help North House thrive.

special events

Unplugged XI:
MOUNTAIN STAGE RETURNS
Sept 13-16, 2012

Three days of craft, three nights of music sums up Unplugged XI in a nutshell.

For the second year in a row North House Folk School welcomes Mountain Stage onto campus for Unplugged: The Northern Harvest. Again this year during Unplugged we will offer three nights and three concerts. Two shows will be with NPR's featured radio show Mountain Stage (Thursday and Friday nights), and the classic Saturday night Unplugged performance features inspiring singer and songwriters.

On the docket during the day are mini-courses, demonstrators and the Points North online auction showcasing all the great experiences the North Shore has to offer. This year we're also welcoming Unplugged guest instructor Norman Kennedy, Scottish-born singer, master storyteller, weaver and spinner extraordinaire as the featured instructor. He'll offer two courses, one on spinning (p. 17), and one on Scottish foods (p. 20), as well as a free public concert and cloth-waulking. See our website for all the details!

family weekend
Oct 18-21, 2012

Bring the whole family to North House for our Family & Intergenerational Learning Weekend. In celebration of the joy of learning together, we are offering more than 12 courses designed especially for families.

You'll find everything from felting to birch basketry, baking to woodworking, dancing to knitting. Schedules are designed to allow families time to enjoy all the North Shore has to offer over the weekend, with a variety of one day and half day course options.

It's an inspiring opportunity for families to learn together. Plans also include a wood-fired pizza potluck and a lively contra dance. Join us!

Winterer's gathering
& ARCTIC FILM FESTIVAL
Nov 15-18, 2012

Celebrate the crafts, customs, landscape, history and stories of winter travel and traditional life ways in the North. The event includes winter-centric coursework, workshops, a winter tent camp, gear swap, community dancing, evening films, featured speakers and more.

Featured speaker for 2012 is Alaskan author and photographer Seth Kantner, who penned the books *Ordinary Wolves* and *Shopping for Porcupine*. During the event he'll offer two courses, one on photography (p. 32) and one on writing (p. 30).

Featured instructor is David Cronenwett, a professional naturalist, survival instructor and writer, who will share his wealth of knowledge in a Wilderness Survival class (p. 30) and a Northern Bushcraft field-based course (p. 29).

For a complete schedule of events, speakers and courses check out our website, and think snow!

northern fibers retreat
Feb 13-18, 2013

What could be better than focusing on fibers in the heart of winter? This five-day event celebrates all manner of fiber arts, featuring seminars and class offerings from long-time North House Instructors.

We're again partnering with the Grand Marais Art Colony to bring you more than 20 course options. Six of the courses are brand new offerings at North House, including millinery (p. 13) and finger weaving (p. 15). Check our website for a complete listing!

Again this year we'll offer a Fibers for Kids workshop, and popular lunch and learns–one espeically for teachers, which focuses on kid-friendly projects that can easily be incorporated into classroom curriculums. Also on the schedule: a show and share, and more! Stay tuned as the weekend takes shape.

Sweet Grass Basketry

basketry

Birch Bark Basket Tutorial: Going Beyond

Birch Bark Berry Basket: Workshop and Field Harvest

Birch Bark Weaving: Birds & Beyond: Unplugged XI Mini Course

Black Ash Basketry: An Introduction

Black Ash Pack Baskets

Crafting the Traditional Stake & Strand Willow Basket

Pine Needle Basketry

Square to Round Black Ash Baskets

Sweet Grass Basketry

The Harvest Basket: Red-Osier Basketry

Weave a Simple Birch Bark Basket

Weaving Holiday Ornaments From Birch Bark

new Birch Bark Basket Tutorial: Going Beyond

with Julie Kean/Charlie Mayo/John Zasada
2/23/13-2/24/13

This tutorial course invites you to take a step beyond the simplest basket forms, and learn to create unusual and distinctively shaped woven birch bark baskets. A vase-shaped container, wish basket, a wall sconce, a baseball cap…the possibilities range far and wide. Each of these projects starts with the same mat shape, but where they end up is determined by basic principles of weaving and your imagination. Charlie, Julie and John will offer guidance, instruction, stories and good humor as you weave away.

length (days) 2 hours 9am-5pm
tuition $190 early bird tuition (6+ wks in advance) $180
materials $45

Birch Bark Weaving: Birds & Beyond: Unplugged XI Mini Course

with Beth Homa
9/13/12
9/14/12

The story of the birch tree is integral to the North House story. In the capable hands of our teachers and students alike, this one tree is shaped into skis, boats, canoes, baskets, spoons, and even shoes. In this mini-course, you'll taste the possibilities of birch bark weaving by trying your hand at a few small projects including rings and charming small birds. Discover the history, ecology and changing fate of Minnesota's birch, view a variety of birch crafts, and whet your appetite for this versatile craft.

length (days) 0.25 hours Morning Session: 10-noon; Afternoon Session, 1-3
tuition $30 early bird tuition (6+ wks in advance) $30
materials included age with adult 12+

Black Ash Basketry: An Introduction

with Dennis Chilcote
4/20/13-4/21/13

Black ash splint is extremely flexible, yet sturdy, making it a most elegant and functional material. In this course you'll learn the craft of preparing splint from the black ash tree, then use it to make a small black ash basket. Class discussion and hands-on experience includes learning to recognize black ash trees of basket splint quality and the technique involved in producing the final weaving material. Students will pound a log with a mallet to produce splint and should be physically fit for the task.

length (days) 2 hours 9am-5pm
tuition $150 early bird tuition (6+ wks in advance) $130
materials $25

Black Ash Pack Baskets

with Ian Andrus
9/28/12-9/30/12

The black ash pack basket: it's beautiful, highly functional and can be constructed using simple materials. The first part of the class will be spent preparing black ash splint for your basket by pounding a locally harvested log. Next, you'll weave the basket and finish it with a rim, straps and harness. The finished basket will stand 16"-18" high, and be perfect for forages in the woods, excursions to the grocery store, canoe camping, or bigger adventures further afield. It's a classic project you'll enjoy for years to come.

length (days) 3 hours 9 am- 5 pm
tuition $225 early bird tuition (6+ wks in advance) $195
materials $30

Birch Bark Berry Basket: Workshop and Field Harvest

with Dennis Chilcote
6/28/13-6/30/13

Fully experience the craft of making a traditional birch bark basket for the gathering and storage of berries or anything you please. This course includes time focused both on basket making and on material preparation. Day one includes an extended session in the woods to harvest the birch bark in preparation for basketry. You then make your own individual basket from a single piece of birch bark with stitched sides and a rim wrapped with split root. The instructor provides the peeled and split root, bent willow rims and required tools.

length (days) 3 hours 9am-5pm
tuition $270 early bird tuition (6+ wks in advance) $255
materials $37

Crafting the Traditional Stake & Strand Willow Basket

with Lindsay & Lee Zeike Lee
9/7/12-9/9/12

When northern European emigrants came to North America they brought with them a host of crafts and skills necessary for survival in their new world. The basketry tradition known as 'stake & strand' was one such craft, as baskets were used to store nearly everything around the homestead. Learning to weave with sticks of willow is a little different from reed, wood or bark. Willow yields to strong hands, giving beautiful results, and class members will make a sturdy and functional round basket with a handle using a variety of weaves. You'll learn the techniques behind the terms slath, twining, 4-rod wale, French randing and border weaves. Class discussions will cover willow cultivation and harvest, traditions and lore.

length (days) 2.5 hours Day 1: 5-8 pm, Day 2 & 3 9am-5pm
tuition $200 early bird tuition (6+ wks in advance) $185
materials $45

Pine Needle Basketry

with Paula Sundet Wolf
10/13/12-10/14/12

Create a traditional coiled basket from locally harvested red pine needles. Starting with either a pliable birch bark base or an elegant Lake Superior agate base, you will work with a variation of the spiral stitch to form a basket with a distinct spiral pattern inside and out. Samples of pine needles from other pine species and information on how to gather and store materials will also be discussed. Assorted found natural objects may also be incorporated into the basket. No previous basket weaving experience is necessary, just your enthusiasm to learn.

length (days) 2 hours 9am-4pm
tuition $150 early bird tuition (6+ wks in advance) $130
materials $17

Square to Round Black Ash Baskets

with Dennis Chilcote
2/9/13-2/10/13

Black ash splint and birch wood are widely available across the North, and have been put to good use by basket-makers of many cultures for centuries. In this course, students will craft a basket with a unique shape, moving from square to round, and use two classic materials: black ash splint to weave the basket, and birch wood to create rims and handles. Techniques for preparing black ash splint for use will be taught, as well as preparation of birch wood. Two trees, two days, one lovely basket, ready for Easter eggs, berries or anything else you may need a basket for.

length (days) 2 hours 9am-5pm
tuition $150 early bird tuition (6+ wks in advance) $130
materials $30

nuts & bolts

early bird discount

The early bird gets the worm (or the early gull gets the herring?). For most coursework, we offer a reduced tuition rate for students who sign up six weeks in advance

Birch Bark Berry Basket: Workshop and Field Harvest

Sweet Grass Basketry

with Paula Sundet Wolf
1/19/13-1/20/13

Work with locally harvested sweet grass, cattails, and sedges during this two-day class while learning the art of coiling a sweet grass basket. We'll incorporate an elegant Lake Superior agate as a base for the basket. Hands-on instruction provides students with an introduction to the traditions and skills of basket weaving, and discussion about how to identify sweet grass and gather materials for future projects. No previous basket weaving experience is necessary, just your enthusiasm to learn.

length (days) 2 hours 9am-4pm
tuition $150 early bird tuition (6+ wks in advance) $130
materials $17

The Harvest Basket: Red-Osier Basketry

with Tina Fung Holder
10/6/12-10/7/12
4/27/13-4/28/13

The bright burgundy-red branches of the red-osier dogwood make this native regional shrub a standout in the northern landscape and a prime candidate for basketmakers in the north. With straight, flexible twigs, red-osier is perfect for learning basic basketmaking skills and creating inspiring pieces. In this class students will make a frame basket with a handle (also known as melon style). First they will learn how to spin cordage with iris leaves and then shape and weave the basket using the cordage and red-osier stems. Beginners are welcome, as with a little enthusiasm and no previous basket-making experience participants leave the workshop with a fine looking basket. Experienced basketmakers will enjoy exploring new horizons working with red-osier.

length (days) 2 hours 9am-5pm
tuition $150 early bird tuition (6+ wks in advance) $130
materials $25

new Weave a Simple Birch Bark Basket

with Beth Homa
10/20/12

Birch trees are one of the most versatile trees of the northern forest. From bark to wood to sap, there are abundant uses for this easily-recognizable tree. Discover the sturdiness and the beauty of birch by weaving baskets from its bark. In this course, you will learn the history of birch, how to obtain & prepare your bark, and how to use the double-diagonal weave. Each student will craft their own small birch bark basket, which will open the door to weaving many more crafting projects at home. Combined adult-child tution is $52.50/$61.25.

length (days) 0.5 hours 1pm- 5pm
tuition $35 early bird tuition (6+ wks in advance) $30
materials $15 age with adult 10+

Weaving Holiday Ornaments From Birch Bark

with Julie Kean/John Zasada/Dennis Chilcote
12/1/12-12/2/12

Start your holiday season off with a weekend on the North House Folk School campus weaving traditional and contemporary ornaments from birch bark. You will explore the range of birch bark weaving holiday projects from the traditional Swedish woven heart to a 3-dimensional birch bark star, which are both highlighted in North House's "Celebrating Birch" book. Working with colorful embellishments, you'll learn to weave and string birch bark beads for a traditional garland. You'll have a wonderful collection of gifts and ornaments to share with family and friends at the completion of this course. Students are welcome to take just the first day of this course for 50% of tuition and materials.

length (days) 2 hours 9am-5pm
tuition $130 single day rate available early bird tuition (6+ wks in advance) $120 materials $20

Black Ash Basketry: An Introduction

888-387-9762

Blacksmithing: The Basics & Beyond

Blacksmithing: Crafting The Tools of the Trade

with Dave Hanson
10/4/12-10/6/12

Outfit your own blacksmithing tool chest while developing and refining your skills on the forge. In this course, you will create the set of tools needed to become a backyard blacksmith, while simultaneously learning the basics of blacksmithing. Initial tool projects will include tongs and fire-tending tools. Heat treatment, forging, fire types and more will be covered as you cultivate both your skills and your tools. Chisels and punches will also be crafted as time allows. Forge-welding may be discussed. This class is suitable for beginners and those who would like to continue their learning. Materials fee includes the use of coal/gas for forgework and the cost of steel, etc. An optional fourth day is available upon request for $85 plus a materials fee.

length (days) 3 hours 9am-5pm
tuition $270 early bird tuition (6+ wks in advance) $255
materials $195

blacksmithing & tool making

blacksmithing

- Blacksmithing: Crafting The Tools of the Trade
- Blacksmithing: The Basics & Beyond
- Forge & Craft a Crooked Knife
- Forge-Welding a Damascus Blade and Other Items
- Tools for the Shop: Service Learning in the Blacksmith Shop

toolmaking

- Build Your Own Hand Plane
- Building the Northwest Trade Gun
- Crooked Knife: Craft Your Own
- Knifemaking: Crafting the Norwegian Tollekniv
- Sharpening Tutorial

Blacksmithing: The Basics & Beyond

with Dave Hanson
9/7/12-9/9/12
5/17/13-5/19/13

Always wanted to try your hand at the forge? This is the place to start and continue to develop your blacksmithing skills. You will be introduced to the basic skills of the blacksmith including safety, fire control, tools and equipment in both a classroom and 'on the forge' setting. Student projects will be tailored toward individual skill levels. Basic projects such as decorative nail-in-hooks start the class to learn hammer skills. More advanced projects such as basic tool making and decorative/ornamental work will be encountered as class progresses. The first day, the class will use coal forges and the remainder of your time may be on either a coal or gas forge. This course is tailored to meet your needs on the forge while ensuring consistent and quality work. You will leave with a higher skill level, regardless of where you start. Materials fee includes the use of coal/gas for forgework and the cost of steel, etc.

length (days) 3 hours 9am-5pm
tuition $270 early bird tuition (6+ wks in advance) $255
materials $195

Build Your Own Hand Plane

with Paul Linden
9/29/12-9/30/12

A wooden-bodied hand plane, properly tuned, epitomizes the harmonious connection between woodworkers and their tools. In this course we will begin with pre-milled and fully prepared stock, and follow a proven pattern to assemble a plane body that houses a tool steel blade of the highest quality available. We will also be sharpening the blade, making a small plane-adjusting hammer, and learning the use of a shooting board for very accurate joints. Although we will use pre-milled parts in this course, students will leave with the knowledge to process the wood for future planes from scratch.

length (days) 2 hours 9am-5pm
tuition $150 early bird tuition (6+ wks in advance) $130
materials varies $100-$125

new Building the Northwest Trade Gun

with Brent Gurtek
3/18/13-3/27/13

Students will learn the history and craft of the "Northwest Trade Gun", a muzzle loading firearm associated with the 18th- and 19th-century Great Lakes fur trade. Lightweight, rugged, versatile and inexpensive, it fully answered the shooting needs of this region and remains a fine north woods hunting arm. A brief history of the Great Lakes fur trade and the conditions leading to its design will fuel discussion as students undertake this challenging but rewarding project. Hand tools will largely be used in constructing an authentic Northwest Trade Gun, using essentially the same techniques employed by the early makers. This project is appropriate for first-time gunsmiths, but past experience in woodworking will be helpful.

length (days) 10 hours 9am-5pm
tuition $795 early bird tuition (6+ wks in advance) $745
materials $495 age with adult 16+

Building the Northwest Trade Gun

Forge & Craft a Crooked Knife

Crooked Knife: Craft Your Own

with Jarrod StoneDahl
11/14/12-11/15/12

The crooked knife, formally known as the mokotagan, is a very old type of woodworking tool unique to North America and predominantly around the Great Lakes region. It is a nomad's tool, born out of the need to be versatile yet easy to transport. The knife is used one-handed and pulled toward oneself, which gives the user great control and frees up the other hand to hold the wood being worked. When in use, a properly designed crooked knife is a joy to use. These knives historically have been used for carving paddles and snowshoe frames, and as the primary tool for birch bark canoe building, but can be used in place of a drawknife or block plane. In this two-day class we will use pre-made blades to mount into a handle that is custom fit and shaped by the student. Through this process students will have a truly personal knife. This class will also have a strong focus on how to sharpen and use the knife efficiently. Students interested in forging blades should take the Forge & Craft Your Own Crooked Knife.

length (days) 2 hours 9am-5pm
tuition $150 early bird tuition (6+ wks in advance) $130
materials $35

Forge & Craft a Crooked Knife

with Jarrod StoneDahl
2/22/13-2/24/13

The crooked knife, formally known as the mokotagan, is a very old type of woodworking tool unique to North America and predominantly found around the Great Lakes region. It is a nomad's tool, born out of the need to be versatile yet easy to transport. The knife is used one-handed and pulled toward oneself which gives the user great control and frees up the other hand to hold the wood being worked. When in use, a properly designed crooked knife is a joy to use. These knives historically have been used for carving paddles, snowshoe frames, and as the primary tool for birch bark canoe building, but can be used in place of a drawknife or block plane. In this extended session, we will use the stock removal method to create the shape of the blades, harden and temper the steel in the forge and then mount the blade to custom fit handles. Instruction will also be given in how to use the tool efficiently.

length (days) 2.5 hours Day 1: 4-8 pm; Day 2 & 3: 9am-5pm
tuition $180 early bird tuition (6+ wks in advance) $165
materials $25

Forge-Welding a Damascus Blade and Other Items

with Dave Hanson
10/9/12-10/13/12

Highly prized for centuries, damascuswares are the high art of the blacksmithing world. Damascuswares are metal goods created using different types of high carbon steel and a technique that gives them a distinctive appearance. Like a baker uses kneading and folding to create a loaf of marble rye bread, the blacksmith uses welding, folding and drawing techniques to create steel that is not only incredibly strong and sharp, but also distinctively beautiful with its swirling, intricate patterns. In this class, you will learn how to forge weld and how to forge weld damascusware. You will focus significant effort on a damascusware knife blade. Depending on skill level your blade may or may not be fully completed. Surface finishing, including grinding and polishing, will also be covered. Cutoff pieces of your blade may be used for jewelry and other projects. Your materials fee includes the use of coal/gas for forgework and the costs of steel, etc. An optional sixth day for extra knife work is available upon request for $85 plus a materials fee.

length (days) 5 hours 9am-5pm
tuition $445 early bird tuition (6+ wks in advance) $425
materials $305

Knifemaking: Crafting the Norwegian Tollekniv

with Gene Tokheim
8/7/13-8/11/13

Crafting the "tollekniv" (whittling knife) is a rich cultural tradition of Norway, kept alive by many Norwegian smiths and knifemakers today. Knifemaking explores three common craft traditions – metal work, leather work and wood work. Using Norwegian knifemaking techniques and shared characteristics amongst Norwegian knifemakers, you learn to fit a hand-forged blade to a wooden handle that you shape, and finish by sewing a decorated leather sheath with hand-polished silver and brass embellishments. Dating back to the Iron Age, the craft has been passed down person to person, with specific materials, tools and equipment to make the best quality knives known throughout the world. The blade is made by a Norwegian blacksmith to ensure the best quality available and the "flaming" birch wood for the handle, known for its stunning character and superior strength, is imported directly from Norway. Working with Italian leather, preferred by knifemakers for its rich, smooth texture, you will also have the opportunity to solder, shape and polish the silver and brass work that makes the finished product stylistically represented as a Norwegian knife.

length (days) 5 hours 9am-5pm
tuition $375 early bird tuition (6+ wks in advance) $365
materials $110
age with adult 10+

> "experiencing the entire process increased my appreciation of the art"
>
> - from a student evaluation form

Blacksmithing: The Basics & Beyond

Sharpening Tutorial

with Dennis Chilcote
3/23/13-3/24/13

"Get the Edge" might be another appropriate title for this course. Chisels, planes, gouges, knives, scissors, spoke shaves and more--these tools of the trade function at their best when the cutting edge is truly prepared for business. Ready to slice butter? This comprehensive overview of sharpening will help you understand the types of cutting edges, characteristics of steel, tempering, and the difference between grinding and honing through a series of demonstrations and hands-on applications. Power sharpening and hand sharpening will be explored. You are strongly encouraged to bring up to five hand tools to sharpen as a class project.

length (days) 2 hours 9am-5pm
tuition $150 early bird tuition (6+ wks in advance) $130
materials $15

new Tools for the Shop: Service Learning in the Blacksmith Shop

with Dave Hanson
4/19/13-4/21/13

The forges have been fired, the anvils have arrived and the hammers are already swinging in the newest addition to the North House campus: the Blacksmith Shop. Next up: tools for the shop. In this service learning course, you'll fashion hammers, chisels, punches and tongs that will be used by students at North House for years to come. Under the guidance of instructor Dave Hanson, you'll make lasting and practical contributions to our newest building. Use your existing skills, or learn a few new tricks of the trade. Your registration fee includes a daily lunch. Participants are welcome to register for a fourth day for an additional $25.

length (days) 3 hours 9am-5pm
tuition $75 includes lunch each day
materials included

Wood-Canvas Canoe: Build Your Own

Birch Bark Canoes: From Harvest to Construction

with Erik Simula
6/17/13-6/21/13
Explore the history, construction and use of the Native American birch bark canoe in this hands-on course. Paddled for centuries on the lakes and rivers of the interior, all the necessary materials can be sustainably harvested from a healthy boreal forest: birch bark, cedar, spruce root and spruce gum. During the course you will work on several birch bark canoes in different stages of construction. Coursework includes harvesting and processing materials, canoe design characteristics, hand tool usage, traditional construction techniques, and historical use. This is a rare learning opportunity for anyone interested in the construction and history of the birch bark canoe.
length (days) 5 hours 9am-5pm
tuition $450 early bird tuition (6+ wks in advance) $425
materials included

boatbuilding

build your own

- Building The Classic Wooden Rowboat: Build Your Own Susan Skiff
- Cedar-Strip Boatbuilding: Build Your Own Canoe or Kayak
- Greenlandic Inuit Kayak: Build Your Own
- Inuit Kayak Paddle: Make Your Own
- Nutshell Prams for the Weekend Builder: Joint Ownership
- Oar Construction: Make Your Own Set
- Pram Boat Building: Build Your Own Traditional Norse or Swedish Pram
- Wood-Canvas Canoe: Build Your Own

learn the techniques

- Birch Bark Canoes: From Harvest to Construction
- Cedar-Strip Boat Construction: Techniques & Fundamentals
- Fundamentals of Traditional Wooden Boat Building
- Techniques of Pram Boat Building: Old World Boatbuilding Traditions

Building The Classic Wooden Rowboat: Build Your Own Susan Skiff

with John Beltman
10/25/12-11/9/12
This is an ideal boatbuilding course for someone who has always dreamed of building a classic wooden boat and spending the time to fully enjoy the traditions, smells and trades of the wooden boat building shop. In just over two weeks you will mill the lumber, lay the planking and finish a flat-bottomed, square-stern 11-foot rowboat. Working with the talents of a professional boatbuilder, you will build your own Susan Skiff, a classic wooden boat with a carvel-planked bottom and lapstrake sides. Set for rowing or attaching a small outboard motor to enjoy a fishing outing, this classic wooden boat will provide a lifetime of memories and skills for the builder. Students are strongly encouraged to bring a partner to help…this can be a great family project. In this tutorial course, you will have an apprenticeship experience working side by side with trained professional boat builder John Beltman.
length (days) 16 hours 9am-5pm
tuition $2700 early bird tuition (6+ wks in advance) $2600 materials $925

Cedar-Strip Boat Construction: Techniques & Fundamentals

with Ken Koscik
4/27/13-5/2/13
With more than just aesthetic appeal, cedar-strip boats are known for being lightweight, strong and quick to build. You will gain the know-how and confidence to complete a boat project in your own backyard through six days of hands-on instruction building a tandem canoe with other students. Techniques involve planking, fiberglassing and fitting out the canoe, as well as other boatbuilding skills. Just like the title says, a solid foundation of the 'techniques and fundamentals' gives you the skills to complete your desired cedar-strip boat building project.

Students are also invited for informal evening slideshows that introduce the techniques of birch bark canoe construction and steam bending. Separate tuition payment and cancellation policies apply to this course. At the close of the course, the student-built canoe project will be for sale at a defined price to interested students (cost of materials). If multiple students are interested, a raffle will decide who will go home with the tandem canoe. An easy project to cartop back to your waterway and start your paddling adventure!
length (days) 6 hours 9am-5pm
tuition $480 early bird tuition (6+ wks in advance) $450
materials included age with adult 14+

Cedar-Strip Boatbuilding: Build Your Own Canoe or Kayak

with Ken Koscik
9/17/12-9/27/12
6/24/13-7/4/13
Enjoy the contrast of light and dark wooden strips, the quiet lapping of water on wood and the pride of craftsmanship that stems from building your own cedar-strip boat. From start to finish, you cut thin cedar planks and learn to assemble an appealing pattern for your canoe or kayak. Students may choose from three cedar-strip boat projects: an 18 1/2' tandem cruiser canoe, a 16' tripping canoe or a 17' kayak. Students must bring a partner, family member or friend (or two!) to help…this can be a great project that will result in a lifetime of memories. Due to the nature of this course and intensity of instruction, this class is limited to two boat projects per session.
length (days) 11 hours 9am-5pm
$3,500 per boat age with adult 14+

Fundamentals of Traditional Wooden Boat Building

with John Beltman
10/29/12-11/3/12
Explore the grace and craft of wooden boatbuilding and unlock the secrets of hand-crafting your own wooden watercraft in this six-day hands-on course. You combine classroom sessions with shop time to become familiar with the entire wooden boat-building process, from transferring boat plans into real size through lofting to steam-bending and proper caulking techniques. By the end of this course you'll feel more comfortable pursuing your own project knowing you learned from an experienced boatbuilder. The class project for the course is the cherished Susan Skiff, a classic wooden rowboat with a carvel-planked bottom and lapstrake sides.
length (days) 6 hours 9am-5pm
tuition $510 early bird tuition (6+ wks in advance) $480
materials included

Greenlandic Inuit Kayak: Build Your Own

with Mark Hansen
3/18/13-3/29/13
This course is for individuals with a strong interest in creating a seaworthy craft with their own hands. The Inuit kayak from Greenland is a fast and responsive craft for hunting, and you design your own craft to fit your body size. You'll lay out mortise and tenon joints, steam bend ribs and cockpit coaming, lash nylon cord Inuit-style and sew the nylon frame covering. Kayaks will be constructed of Sitka spruce, white cedar, white oak, white ash and covered with 14 oz. urethane-coated nylon for a bomb-proof skin. Kayak length may vary from 14' to 18' depending on your preference. Students are encouraged to bring a partner to assist them as this course can be a great family project.
length (days) 12 hours 9am-5pm
tuition $1250 per kayak early bird tuition (6+ wks in advance) $1200 materials varies ($550+)

Greenlandic Inuit Kayak: Build Your Own

Inuit Kayak Paddle: Make Your Own

with Mark Hansen
3/30/13
This course leads participants through the design and construction of a traditional Inuit kayak paddle. These paddles feature narrow blades that are well-balanced, lightweight and efficient. You learn about wood selection, wood grain considerations, paddle sizing and the theory of shape as applied to shafts and blades. Participants may experiment with paddles on the water to ensure proper sizing and shape. You leave the course with a paddle constructed with simple hand tools that is tailored to your body size and made to suit the shape and characteristics of your kayak.
length (days) 1 hours 9am-5pm
tuition $95 early bird tuition (6+ wks in advance) $90
materials varies (approx. $55)
age with adult 12+

new Nutshell Prams for the Weekend Builder: Joint Ownership

with Art Kidd
11/30/12-12/16/12
In this new variation on the popular nutshell pram course, three participants together will build one 7'7" nutshell pram, including sail, spars and oars over a series of three weekends. Once complete, the boat will be housed on the North House campus for three years (until 2015), and available for use in the Grand Marais Harbor by the three owners exclusively. At the end of the three years, one owner may "buy out" the other two owners and take the boat home, or the boat will be sold with the profits divided by the owners, reimbursing them for a portion of their original materials fee.

The Joel White designed nutshell pram is one of the most frequently built small wooden boats. It rows beautifully, sails very well, and makes an excellent tender for a larger boat. Construction materials include high quality marine grade plywood hull, spruce spars, white oak guard rails, Douglas fir laminates, and bronze hardware and fastenings. Always curious about boat building, but not sure you're ready to be the permanent owner of a boat? This is your chance. Participants will sign a letter of agreement outlining the terms of this arrangement.
this course will take place over 3 weekends (9 days total): Fri-Sat: 11/30-12/2; Fri-Sat: 12/7-9; Fri-Sat: 12/14-16
hours 5-8 pm on Friday evenings; 9 am-5 pm on Saturdays and Sundays tuition $550 materials $350 includes partial ownership for 3 years

Oar Construction: Make Your Own Set

with John Beltman
4/6/13-4/7/13
Give your boat a taste of traditional nautical life by hand-crafting a classic set of wooden oars. This two-day workshop provides a thorough, hands-on introduction to the craft of oar making. You'll use traditional hand tools including a spokeshave, drawknife and block plane to shape a custom set of oars from basswood and learn about finishing the oars using traditional leatherwork for handles. Create a set of oars from a variety of patterns and styles or you can design your own to fit your boat. There's nothing like an early morning or sunset row - get equipped and out on the water. Under the instructor's supervision, participants may experiment with a variety of handcrafted wooden oars and wooden boats on campus to determine their preferred sizes.
length (days) 2 hours 9am-5pm
tuition $180 early bird tuition (6+ wks in advance) $170
materials varies, approx $110

Pram Boat Building: Build Your Own Traditional Norse or Swedish Pram

with Mark Hansen
10/3/12-10/14/12
Take this one of a kind opportunity to build a custom-sized, traditionally built wooden lapstrake boat, originating in design and construction from the fjords and fishing villages of Norway and Sweden. You may choose from two options: 1) the Norse Pram (12 days), an inshore craft that makes an excellent tender or rowboat at the lake, and is often referred to as the "water wheelbarrow" of the fjords of Norway; or 2) the Swedish Pram (10 days), a square-ended wooden watercraft, built in a wide variety of shapes and sizes to meet the specific needs of the intended user, traditionally fishermen, farmers, or tenders.

In consultation with the instructor, you build and design your own 10' to 16' pram using traditional materials including white spruce, white pine, oak and copper fastening to meet your intended uses for the boat. Students interested in building the pram as a sailing vessel are welcome to do so. The pram is built using old-world, simple and honest construction techniques. Students will learn to 'loft by eye,' making it a great project for the first-time boat builder, who will walk away with a lifetime of skills, or experienced builders interested in this unique style of construction. In the traditional fashion, the boat will be finished with pine tar, linseed oil and turpentine. Students are encouraged to bring a partner to help…this can be a great family project that will result in a lifetime of memories. The instructor will consult with each student six weeks prior to start of the course to assess materials needed for the intended boat to be built.

This Build Your Own option allows you and your friends/family the option to build either a Norse Pram, a boat with a rounded, more complex 'sweep' to it, allowing it to gracefully roll over swells, or a Swedish Pram, a boat with squared end, simplifying construction.

**Norse Pram: 12 days - $1,400-$1,700 for materials
**Swedish Pram: 10 days - $900-$1,200 for materials
length (days) 12 hours 9am-4pm
tuition $3225 per boat

Wood-Canvas Canoe: Build Your Own

Techniques of Pram Boat Building: Old World Boatbuilding Traditions

with Mark Hansen
10/3/12-10/7/12

An old Norse saying goes, "A man without his boat is a mere prisoner." This class is a one-of-a-kind study and hands-on look into the techniques of traditional Norwegian and Swedish boat builders: we'll explore the developments and skills required to build wooden lapstrake boats that have plied the fjords and fishing villages for centuries - stemming as far back as the Viking era and into today across Scandinavia and the Baltic. In a group setting, you will build a 10-16' wooden rowing pram. Along the way, you will learn how to 'loft by eye,' design and build a full-size rowing pram using lapstrake techniques, bevel watertight planking, cut compound bevels for framing and riveting while working on a full sized boat. After this course you'll be capable of returning to your own backyard and building a pram at minimal cost. Simplicity of boatbuilding, use of readily available lumber (from your own lumberyard!), no mold construction, minimum number of tools including simple carving knives, versatility of creating different shapes or customizing the boat to your needs, (which may include sailing, iceboating and a variety of rowing positions, depending on how many people wish to use the boat), make this approach to boatbuilding a valuable investment of time and energy.

length (days) 5 hours 9am-5pm (some evenings)
tuition $495 early bird tuition (6+ wks in advance) $475
materials included

Wood-Canvas Canoe: Build Your Own

with Jeanne Bourquin
5/18/13-5/31/13
8/17/13-8/30/13

Poetry on the water – wood-canvas canoes are the classic boats of the Northwoods. In this course you are immersed in the complete process of building your own canoe from steam-bending her ribs to stretching and filling her canvas. Participants generally build the 17'6" Atkinson Traveler, but the 16'6" Otter or Lutre models are possibilities as well. Canoes are built, canvassed and filled during the class and then taken home, painted and varnished – and will provide many years of pleasure on the water. Many hands make work light, and students should plan to bring a partner (or two!) to help… this can be a great family project that will result in a lifetime of memories.

length (days) 14 hours 9am-5pm
tuition & materials $4,950 per canoe

Cedar-Strip Boatbuilding: Build Your Own Canoe or Kayak

Shoemaking: 10th Century Scandinavian Turn Shoe

clothing

apparel

Anorak: Sew Your Own Traditional Outer Garment
Beginning Millinery & Haberdashery: The Blocked Felt Hat
Keeping You In Stitches: Useful Hand Sewing You Wish You Knew: Unplugged XI Mini Course
Nålbinding Mittens
Nålbinding Mittens, Socks, Caps: The Scandinavian Textile Craft
Nature's Insulator: Sew Your Own Wool Blanket Shirt
Sew Your Own: Scandinavian Work Shirt

footwear

Aniishiinaabe-Style Bead Embroidery & Moccasin Sewing
Expedition Footwear: Making Hide & Canvas Mukluks
Felting For Your Feet
Footwear For the Camp: Moccasin Making
Shoemaking: 10th Century Scandinavian Turn Shoe
Shoemaking: 9th Century German Turn Shoe
Shoemaking: Internal Stitchdown Workboots

Aniishiinaabe-Style Bead Embroidery & Moccasin Sewing

with Marcie McIntire
3/14/13-3/17/13

Discover the designs, color, styles and technique of traditional bead embroidery as you work with Ojibwe cultural specialist and Grand Portage band member Marcie McIntire, sewing and decorating a pair of moccasins in this course. You will design a pair of moccasins to make, choosing from either a baby or child's moccasin pattern or an adult-sized pair. Using quality tanned deerhide, Marcie will teach the steps required for assembly and help you design a pattern to finish your pair of moccasins with bead embroidery. Your materials fee includes the fabric, interfacing, beads, needles and thread. As time allows, additional beadwork projects will be included.

length (days) 4 hours 9am-5 pm
tuition $340 early bird tuition (6+ wks in advance) $300
materials varies- $75 for adult size; $65 for child
age with adult 9+

new

Beginning Millinery & Haberdashery: The Blocked Felt Hat

with Emily Moe
11/3/12-11/4/12
2/16/2013 - 2/17/2013

Minnesota's history is interwoven with the history of hat-making. Europe's hunger for beaver felt top hats drove the voyageurs into the heart of fur country. Most of the fur traded at Grand Portage eventually became felt hats. There is no softer, warmer or more pliant fiber as fur-felt. We will use millinery fur-felt hat blanks to create hats using the same methods used by milliners since the 1300s (minus the infamous mercury), but our creations will reflect the character and personality of each student-- perhaps a 19th century top-hat, a 20's cloche, Belle Époque feather salad, a 40's fedora (good hats aren't just for women) or something made with a distinctly 2014 vision. The student will use mysterious and magical sounding materials -- melousine, ferrule, puzzle blocks and petersham -- to make a couture quality felt hat entirely by hand. Some sewing experience is helpful but not necessary.

length (days) 2 hours 9am-5 pm
tuition $150 early bird tuition (6+ wks in advance) $140
materials $65 age with adult 13+

Aniishiinaabe-Style Bead Embroidery & Moccasin Sewing

"there is no lovelier setting."

- from a student evaluation form

Anorak: Sew Your Own Traditional Outer Garment

with Cindy Muus
11/2/12-11/4/12

The anorak is the traditional outer garment worn throughout the far North and Arctic climates. It is designed to be worn over heavier insulating layers to block the wind and shed snow. The anorak design features large sleeves with adjustable wrist gussets, a deep hood, and a large hand-warmer patch pocket on the front. Students will receive one anorak pattern with the class; additional sizes may be purchased. The instructor will contact registered students regarding fabric options and other necessary supplies. Prior sewing experience is helpful.

length (days) 2.5 hours Day 1: 5-7pm; Day 2/3: 9am-5pm
tuition $190 early bird tuition (6+ wks in advance) $185
materials varies (approx. $90)

Expedition Footwear: Making Hide & Canvas Mukluks

with Jo Wood
11/9/12-11/11/12
2/15/13-2/17/13
11/1/13-11/3/13

Remember the last time your feet were too cold to enjoy wonderful wintry weather? Do away with rigid unbreathable footwear and discover the traditional footwear of the north: mukluks. The flexibility of the natural materials used in construction allows the foot to generate heat, and a breathable layering system allows moisture to escape. In this course you'll be guided through the process of pattern making, and handcraft your own pair of hide mukluks with knee high or shorter uppers. Booties or liners must be purchased or made before the workshop. Some sewing experience is helpful but not necessary.

length (days) 2.5 hours Feb session: Days: 1/2 9am-5pm, Day 3 9am-1 pm;
Nov session Day 1: 1pm-5pm; Day 2/3: 9am-5pm
tuition $200 early bird tuition (6+ wks in advance) $190
materials $80

Felting For Your Feet

with Patty Doherty
9/22/12-9/23/12

Keep your feet warm this winter! Playfully warm! Discover the blend of heat, moisture and agitation as applied to wool to create your own pair of colorful stockings or booties for your feet. Even though the tradition of felting predates spinning and weaving and has had many uses over the years, from yurts in Mongolia to armor in medieval times to hats, mittens, and booties in Scandinavian countries, felting is a wonderful expression of contemporary styles that's both playful and fun. These might be the warmest pair of slippers you've ever owned. Made mukluks? After this class, you'll now be able to make your own liners. Using washed and carded wool, students prepare batts and then use a washboard, hot soapy water and a lot of elbow grease to make a pair of felted booties.

length (days) 2 hours 9am-5pm
tuition $160 early bird tuition (6+ wks in advance) $140
materials $40

Footwear For the Camp: Moccasin Making

with Jim Dahn
11/15/12-11/16/12

For a soft, kind-to-the-feet, long-lasting footwear experience, consider the leather moccasin as an option. Learn to sew by hand and make your own footwear, choosing from a variety of traditional moccasin patterns. From the one-piece moccasin known as the Plains style to the Western-style moccasin that's made from up to three different pieces, a wide range of traditional Native footwear will be offered. Elk, deer, and buffalo hides will be available for you to choose from. Warm, flexible, and sturdy, this will be a great addition to your wardrobe, whether out on the trail or canoe trip, or around the home and yard.

length (days) 2 hours 9am-5pm
tuition $150 early bird tuition (6+ wks in advance) $130
materials varies ($30-$40) age with adult 12+

Keeping You In Stitches: Useful Hand Sewing You Wish You Knew: Unplugged XI Mini Course

with Carol Colburn
9/14/12

Feel a pang of remorse for the lost knowledge of hand sewing every time a button falls off, a pocket tears open, or a hem comes loose? Reclaim your hand sewing skills (or gain the ones you wish you had) with this two-hour mini-course with expert seamstress Carol Colburn. You'll learn several basic hand stitches and strategies for successfully repairing, darning, patching and reinforcing everything from clothing to camping equipment. Take home a sampler to remind you of your new knowledge and a sense of pride in your new DIY skill.

length (days) 0.25 hours 2pm-4pm
tuition $30 materials included age with adult 12+

Nålbinding Mittens

with Larry Schmitt
4/22/13-4/24/13

Nålbinding, similar to but far older than knitting or crochet, is a way to make a looped-structure fabric with a single needle. Nålbound mittens are valued for warmth and practicality and in this workshop you'll learn nålbinding, as well as the basics of shaping a Scandinavian-style "work" mitten. A variety of finishing techniques will be demonstrated, and time will be devoted to the folklore surrounding nålbinding. Lesson materials, needle, and an appropriate amount of yarn for the first samples are provided. You will also have the opportunity to make your own needles.

length (days) 3 hours 9am-5pm
tuition $225 early bird tuition (6+ wks in advance) $195
materials $20

Anorak: Sew Your Own Traditional Outer Garment

Nålbinding Mittens, Socks, Caps: The Scandinavian Textile Craft

with Larry Schmitt
9/28/12-10/2/12
10/22/13-10/26/13

Discover the textile craft tradition known as nålbinding and explore its Scandinavian roots. As a course project, students choose to create their own pair of mittens, socks, or a syltemjölkskopp – a "milk strainer" cap. Or draw from tradition to inspire a project of your own design in consultation with the instructor. Nålbinding is a way to make looped structure fabric with a single needle and, when worked in wool, it is valued for warmth, durability, and practicality. The course covers the basics of nålbinding and explores those related crafts that are often incorporated in Scandinavian-style nålbound items. You will make your own nålbinding needles. Time will be devoted to the history and folklore of nålbinding as well as nålbinding's influence on Scandinavian craft traditions. Scandinavian-style nålbinding reflects both place of origin and local culture. Students at North House will create nålbound items inspired by Scandinavia and infused with the spirit of Grand Marais!

length (days) 5 hours 9am-5pm
tuition $375 early bird tuition (6+ wks in advance) $350
materials $30

Nature's Insulator: Sew Your Own Wool Blanket Shirt

with Carol Colburn
2/15/13-2/16/13

Tired of synthetic 'fluff'? Clad your torso with the miracle fiber: wool. Learn the history of wool, why it works, and how to maximize its performance as clothing with outdoorwear designed by Kevin Kinney, owner of Empire Canvas Wear of Duluth. In this class you will learn the basics of patternmaking and construction as we lay the foundation for a lifelong skill. To craft a Wool Blanket Shirt, we'll enjoy a history lesson on the uses of this type of wool insulating shirt. We'll start with thick, fulled woolen blanket and walk through the sequence for measuring and cutting flat textile to fit the human form. Next we will cut panels for a warm tunic that's the cornerstone of a great winter wardrobe. Savor the joy of stitching by hand or by machine. We'll build our shirts panel by panel. You'll learn how to transfer your new skills to the construction of any sewn article. Embellish your creation with antler or stone buttons and leather trim. You'll leave this course with a sound knowledge of garment crafting and a cozy shirt for the winter.

length (days) 2 hours 9am- 5pm
tuition $150 early bird tuition (6+ wks in advance) $130
materials $45

Sew Your Own: Scandinavian Work Shirt

with Carol Colburn
9/15/12-9/16/12
9/20/13-9/21/13

It works! Sew your own Scandinavian work shirt, designed for comfort and for your favorite outdoor activities. Learn a life-long skill while creating a shirt you will love to wear. Traditional shirts in the Scandinavian countries are great for layering and designed for outdoor life. Natural fiber striped fabrics of cotton, linen, and wool in many colors and textures can be used to make distinctive shirts. When made of traditional blue or red striped cotton Scandinavians enjoy wearing these comfortable shirts to reflect their heritage. Sewing patterns and instructions are based on historical examples. Patterns are based on squares and rectangles. As you create your shirt, you will be guided step by step, adjusting your pattern, cutting, machine and hand sewing, and adding the finishing touches. Scandinavian work shirts are ideal for men, women and children.

length (days) 2 hours 9am-5pm
tuition $160 early bird tuition (6+ wks in advance) $150
materials varies ($25-$90)

Shoemaking: 10th Century Scandinavian Turn Shoe

with Jason Hovatter
6/27/13-6/30/13

Crafting functional, durable and attractive footwear with your own hands is a deeply satisfying (and sole-ful!) task. We will begin by making a casting of your foot (they will truly be custom built) then move on to patterning and leather selection, cutting and skiving, butt stitching and assembly. Once the upper and sole are attached we move on to turning and hammering, closure and finishing and finally gooping the soles. We will cover a wide assortment of leather working techniques and tools, and after learning a few simple methods and skills, you'll be ready to let your imagination run wild on your next pair of shoes. This pair of shoes could easily last you for the rest of your life if well taken care of!

length (days) 4 hours 9am-5pm
tuition $395 early bird tuition (6+ wks in advance) $380
materials $100

new

Shoemaking: 9th Century German Turn Shoe

with Jason Hovatter
6/19/13-6/21/13

Learn the basics of shoemaking and craft a comfy, stylish pair of slip-on shoes. A choice of styles and embellishments allows for personalization of your new pair of shoes. You'll begin by making a casting of your foot, move on to patterning and leather selection, cutting and skiving, pierce-work and assembly. Turning and hammering, closure and finishing round out the project. The course covers a wide assortment of leather working techniques and tools but at the heart of the craft are a few simple methods of attaching upper to sole. Once you understand how to attach upper to sole on this pair you are free to let imagination run wild on your next!

length (days) 3 hours 9am-5pm
tuition $300 early bird tuition (6+ wks in advance) $285
materials $85

new

Shoemaking: Internal Stitchdown Workboots

with Jason Hovatter
7/4/13-7/7/13

It's hard to imagine a more functional and necessary piece of footwear than a solid workboot—and one that is custom-fit to your foot? What more could you ask for really? We will begin by making a casting of your foot and then move on to patterning and leather selection, cutting and skiving, seaming and assembly. We'll use industrial sewing machines--some sewing experience would be helpful but is not necessary. Once the upper and sole are attached we move onto closure and finishing and finally attaching and trimming the vibram outsole. Suitable for adventures of all sorts, these boots are full of possibility (rumor has it, you can even wear them skiing!)

length (days) 4 hours 9am-5pm
tuition $400 early bird tuition (6+ wks in advance) $380
materials $150

Shoemaking: 10th Century Scandinavian Turn Shoe

Woven, Decorative Bands: Weaving on the Modified Rigid Heddle

fiber arts

Bead Embroidery
Bead Embroidery: The Pin Series
Create Your Own Designs in Fiber
Fibers For Kids
Handcraft A Wool Braided Rug
Old-Fashioned Rug Hooking
Penny Rugs: Woolen Mosaics
Rug Hooking: Beginning Technique

dyeing

Natural Plant Dyes
Natural Dyes in the Steambox: Unplugged XI Mini-Course
Natural Plant Dyes: Tutorial For Spinners
Natural Plant Dyes: Tutorial for Weavers

felting

Felting a Seamless Wool Vest
Felting for Your Feet
Woolen Bags from Raw Wool
Wooly Birds: Intro To Felting
Wooly Critters: Introduction to Felting

spinning

Fiber Exploration for Spinners
Spinning Clinic with Norman Kennedy
Spinning Fibers On A Wheel
Spinning Fibers: An Introduction: Unplugged XI Mini-Course

weaving

Ceinture Fléshée: Beginning Fingerweaving
Create Your Own Designs in Fiber
Weaving a Warm Winter Scarf
Weaving Double Cloth
Woven, Decorative Bands: Weaving on the Modified Rigid Heddle

Bead Embroidery

with Jo Wood
8/3/13-8/4/13

The use of beads has spanned cultures across the globe for more than 6,000 years. Learn how this traditional needle art can be used in an innovative way. Jo's goal is to demystify the basic materials and techniques of bead embroidery and introduce you to "painting" with beads. While working with bead colors and textures, you will also learn about composition, transferring patterns, and how to add depth & dimension to your beadwork. Bring your favorite landscape image to class. You will make your own unique bead art on felted wool (material provided). Your piece can be finished as a pin or framed. Come join us for a fun and relaxed creative experience and learn a new skill for your future projects.

length (days) 2 hours 9am-5pm
tuition $170 early bird tuition (6+ wks in advance) $160
materials $25

Bead Embroidery: The Pin Series

with Jo Wood
2/14/13

Discover the magic of "painting with beads" through your choice of seven different signature beaded lapel pin projects. In a reflection of the art and craft of bead embroidery, artist Jo Wood will lead you through your choice of one or two bead-embroidered projects, time permitting. The birch tree pin captures the essence of this tree species of the North. The lady slipper pin reflects the natural beauty of Minnesota's state flower. The Christmas tree pin is just a perfect touch for a holiday gift. The dragonfly pin is playful in color and dimension. For the beginning beader this course offers an opportunity to learn basic stitches. For the experienced and returning beader it's a unique, rewarding project to expand your creative palette of painting with beads.

length (days) 1 hours 9am-5pm
tuition $75 early bird tuition (6+ wks in advance) $65
materials varies ($18-$70)
age with adult 12+

new

Ceinture Fléshée: Beginning Fingerweaving

with Marie Westerman
2/15/13

Ceinture Fléshée was the intricate technique used in the Canadian interior to create the famous and colorful sashes worn by the voyageurs during the fur trade period. This course will introduce the basic finger weaving technique used to create those distinctive sashes. Each student will weave a two-color narrow strap using the chevron pattern, the most basic traditional pattern. During the course, the instructor will demonstrate some of the more advanced patterns. Students will have the opportunity to explore a more complex four-color chevron if they wish, or they may spend time completing the initial project. Examples will be provided to help students understand this complex textile structure.

length (days) 1 hours 9am-3pm
tuition $75 early bird tuition (6+ wks in advance) $65
materials $5 age with adult 10+

Penny Rugs: Woolen Mosaics

Create Your Own Designs in Fiber

with Marie Westerman
2/16/13

If you want to create your own personal or pictorial designs for your work in fiber, but haven't been sure how to get started, this workshop is for you. Whether you like Fair Isle knitting, tapestry weaving, appliqué, counted cross stitch or other embroidery, or bead weaving, we will discuss ways to generate unique patterns you can use. Using a simple scanner/copier, we will explore how to create line drawings and graphs, methods to size images and transfer them, and ways to plan individual projects. Whether or not you can draw, you can make your own patterns, designs, monograms and more. Bring an idea or inspiration; individual help will be provided.

length (days) 0.5 hours 2pm-5pm
tuition $45 early bird tuition (6+ wks in advance) $35
materials included age with adult 12+

new

Felting a Seamless Wool Vest

with Elise Kyllo
2/16/13-2/17/13

Using the wet felting process of wool, soap, water and agitation, woolen fibers can be transformed into a durable, beautiful and warm vest. Using wool batting, roving and yarns we will use the resist technique to create a very large pocket which you will wet felt to form a vest to fit you or someone you love. Some felting experience is helpful. Come with a sense of adventure and willingness to agitate the wool until it shrinks to fit you!

length (days) 2 hours 9am-5pm
tuition $150 early bird tuition (6+ wks in advance) $130
materials varies ($45-$55)

Fiber Exploration for Spinners

with Allen Holzhueter
6/21/13

Now that you know how to spin, are you ready to explore the fiber from various specific sheep breeds? But we won't stop there. Spinners around the world have experimented with many different fiber sources. We will sample alpaca, llama, mohair, silk, dog, and flax, along with some modern fibers including soy silk, corn silk and bamboo. And for the adventurous, try your hand at spinning cotton on a charka, the Indian spindle wheel. Bring your own wheel if possible. There will be three wheels available for students to borrow.

length (days) 1 hours 9am-5pm
tuition $75 early bird tuition (6+ wks in advance) $65
materials $20

Fibers For Kids

with Northwoods Fiber Guild
2/16/13

Get ready to experience fun with fibers! Join skilled artists from the Northwoods Fiber Guild to create hands-on fiber projects designed specifically for kids – and a helpful adult. Students will learn how to knit a scarf, weave a mug rug on a 4-harness loom, felt with rocks, make handspun yarn, and explore the craft of string beading, paper weaving, and decorative kumihimo braiding. Everyone will leave with at least three completed projects. Participants age 7 years and up welcomed, and need to be accompanied by an adult.

length (days) 0.25 hours 9:30am-11:30am
tuition $15 per adult/child pair; $5 additional kids
materials included age with adult 7+

Handcraft a Wool Braided Rug

Handcraft A Wool Braided Rug

with Traudi Bestler
10/5/12-10/7/12
The three-strand-braided wool rug is reminiscent of an era when rag rugs were considered an affordable way to reuse worn clothing and blankets to create a rug for the home. Early American immigrants and rural pioneers handcrafted the rag rug and created a fiber tradition that has been passed down from generation to generation. In this class, you will learn the craft of braiding rugs by making your own oval rug (about 2'x3'). You are welcome to bring old blanket-weight wool to incorporate into your own rug. However, the instructor will bring enough colors of wool, braiding tools, and other supplies for 'heirloom' rugs.
length (days) 3 hours 9am-5pm
tuition $225 early bird tuition (6+ wks in advance) $195
materials varies ($50-$60) age with adult 14+

Natural Dyes in the Steambox: Unplugged XI Mini-Course

with Karen Smaby and Cheryl Larsen
9/15/12
Dyeing cloth using natural materials is a pretty magical process: add a bit of steam, hot water and assorted grasses, flowers, old nails, and wait for a bit…the results are extraordinary. Who knew all the colors of the rainbow were hidden in plain sight? In this mini-course, you'll learn a bit about the history, chemistry and new innovations in natural dyeing processes and experiment with a variety of materials. Students who wish to can complete a one-of-a-kind silk scarf using a simple process by purchasing a scarf from the instructors ($10+).
length (days) 0.25 hours 2pm- 4pm
tuition $30 materials varies ($10 and up)

Natural Plant Dyes

with Karen Rognsvoog
9/28/12-9/30/12
7/26/13-7/28/13
9/27/13-9/29/13
Enjoy the "thrill of discovery" in the many colors which can be achieved, and the variation of color that can be found in nature's palette, by learning the complete subtleties of dyeing with natural materials. Dyeing with natural plants is more than a craft, it's a fascinating and inexpensive hobby. Students will learn how to gather their own plant materials (the class ventures into the field to gather dye materials) and learn how to prepare dye baths to extract the color. We will cover the process of using different mordants - the mordant sets the color to prevent fading and determines the color of the final product. We will dye wool, silk, and cotton fibers too. Along the way, you will learn how to grow dye plants, and get tips on pruning, harvesting and storing plant materials to get the color you want. Students will leave the class with recipes, handbooks, 8 oz of wool yarn and two silk scarves dyed "shibori" style with colors from nature.
length (days) 3 hours 9am-5pm
tuition $255 early bird tuition (6+ wks in advance) $225
materials $55

Natural Plant Dyes: Tutorial For Spinners

with Karen Rognsvoog
2/14/13
For all you spinners out there, this class will change your mind about using chemical dyes to color your roving or fleece! This course will explore the use of dyes from nature. Students will learn the "process" of preparing a dye bath, the use of mordants to set the "fastness" and how mordants determine the color. The morning will be spent preparing the dyes by boiling the dyestuffs to extract the colors, and in the afternoon students will dye their fibers to spin. Class members should bring natural colored roving, their own handspun or fleece to dye, and their spinning wheels to use while we wait for the dyes to be ready. Roving will be available for purchase from the instructor.
length (days) 1 hours 9am-5pm
tuition $75 early bird tuition (6+ wks in advance) $65
materials $12

Natural Plant Dyes: Tutorial for Weavers

with Karen Rognsvoog
2/15/13
Calling all weavers, beginner, advanced or otherwise! No matter your skill level as a weaver, choosing materials for your piece is always an exciting part of starting a new project. In this one day workshop, you'll learn to use plants to dye a variety of fibers and materials for weaving projects. Natural plant materials have been used for centuries to color fibers, paintings and bodies! We'll cover mordants, how to grow your own dye plants, gathering in the wild, and the best way to store plant materials for future use. Students will use natural plant dyes to color their warps and wefts. We will dye some novelty yarns (bamboo, mohair, flax, soy, and silk) and unconventional materials (raffia, pina cloth, ribbon, feathers, etc.) for use in weft-face projects and as embellishment. Take home a bundle of inspiring materials for your next project.
length (days) 1 hours 9am-5pm
tuition $75 early bird tuition (6+ wks in advance) $65
materials $21

Old-Fashioned Rug Hooking

Old-Fashioned Rug Hooking

with Carol Dunn
6/18/13-6/20/13
If you have longed for a therapeutic yet utilitarian craft, then rug hooking is for you! Rug hooking traces its roots to the northern colonies and Canada, when immigrants utilized textiles on hand to create rugs for their homes. Hooked rugs are made by drawing narrow strips of wool fabric through a background fabric of cotton, linen or burlap with a curved hook much like a crochet hook. In this class, each student will color, plan, and hook a small design that can be used as a rug, wall hanging, table mat or pillow top. Proper techniques of hooking and finishing will be taught. There will also be discussions on acquiring wool and the steps to process it for use in hooking (i.e. washing, dyeing, cutting). On the first day of class, students will select the rug pattern and wool they will work on during the course; prices vary by design.
length (days) 3 hours 9am-5pm
tuition $255 early bird tuition (6+ wks in advance) $225
materials varies (approx $45+) age with adult 12+

Penny Rugs: Woolen Mosaics

with Karen Smaby
2/15/2013 – 2/16/2013
Penny rugs use felted wool scraps to create a textile feast for the eye. Multicolored scraps are arranged in contrasting and complementary colors to create table runners, placemats and more, making a room come alive with color. Shapes of descending sizes are layered onto a wool background piece and stitched into place. Called "penny" rugs because the original template was a copper penny, these pieces have offered a frugal way to indulge in creative expression since the early 1800s. In this class, you'll design and finish one project, with the possibility of pursuing a larger piece or starting a second project. While they are called "rugs," the finished product is too beautiful to walk on, and makes a great table runner, pillow cover or colorful touch.
length (days) 1.25 hours Day 1: 4pm-6pm; Day 2: 9am-4pm
tuition $115 early bird tuition (6+ wks in advance) $95
materials varies ($7-$20) age with adult 10+

new

Rug Hooking: Beginning Technique

with Carol Dunn
2/16/13-2/17/13
Fiber artists have a long history of finding ways to creatively use whatever materials they have on hand. Rug hooking offers just such an opportunity to craft beautiful and useful objects using simple materials. Hooked rugs are made by drawing narrow strips of wool fabric through a background fabric of cotton, linen or burlap with a curved hook much like a crochet hook. In this introductory course, students will learn the techniques of hooking & finishing by creating a small rug with a geometric design. A choice of color palettes will be available. Color planning, design and wool acquisition & processing will be discussed, though the focus of this course will be beginning techniques so that students can leave with a solid foundation, ready to pursue more ambitious projects.
length (days) 2 hours 9am-5pm
tuition $150 early bird tuition (6+ wks in advance) $130
materials varies ($85 and up)

"i just want to take more."
- from a student evaluation form

Spinning Clinic with Norman Kennedy

with Norman Kennedy
9/12/12-9/13/12
North House is honored to welcome master spinner and weaver Norman Kennedy as the featured instructor during Unplugged XI. In this intensive two-day workshop, suitable for those who have experience spinning but would like to expand their knowledge, Norman will cover the finer points of hand-spinning, using treadle wheels and spindles with cotton and wool fiber. Awarded a National Heritage Fellowship in 2003 for his work in preserving and teaching the techniques and knowledge of traditional textile production from his native Scotland, Norman is a "keeper of the old ways." He will discuss the history of spinning, and explore the rich tradition of ballad singing tightly linked to fiber craft. Join a master craftsman and teacher for a rare visit to the Midwest, and stay all weekend to celebrate the potent connection of craft and music during the Unplugged XI music festival. Materials fee includes a cotton fiber spinning kit and all fiber needed. Students should bring their own wheels.
length (days) 2 hours 9am-4pm
tuition $200 early bird tuition (6+ wks in advance) $190
materials $40

Spinning Fibers On A Wheel

with Allen Holzhueter
2/16/13-2/17/13
6/19/13-6/20/13
The classic Saxony-style spinning wheel was invented over 500 years ago, and is still a symbol of the "olden days." Although the spinning wheel is no longer a household necessity for the production of the family's clothing, many crafters, knitters and fiber artists find great satisfaction in spinning their own yarns for knitting or weaving. In this two-day introductory spinning class, you will be introduced to fibers suitable for spinning, fiber preparation and spinning prepared fiber on a spinning wheel. Participants are encouraged to bring their own working spinning wheel (both "Saxony" and "upright castle wheel" are acceptable.) The instructor will have three wheels available for students to share and develop their skills on.
length (days) 2 hours 9am-5pm
tuition $150 early bird tuition (6+ wks in advance) $130
materials $10
age with adult 12+

Woolen Bags from Raw Wool

Spinning Fibers: An Introduction: Unplugged XI Mini-Course

with Allen Holzhueter
9/14/12
Humans have been spinning fibers for thousands of years. Rope, cording, yarn, thread all begin with spinning a fiber. In this mini-course we will explore some of these fibers and the tools used from the spindle to the "modern" spinning wheel (invented about 1500). So if you ever wanted to try your hand at spinning, this is your chance. We will begin with wool and look at other fibers too: cotton, flax, mohair, alpaca and modern fibers from corn, soy and bamboo (yes, we have tried everything!). Get behind the (spinning) wheel and gain a whole new appreciation for this ancient craft.
length (days) 0.25 hours 10am- noon
tuition $30 materials included
age with adult 12+

Weaving a Warm Winter Scarf

with Traudi Bestler
2/15/13-2/17/13
Weave a scarf for winter or to keep you cozy and stylish any time of the year. This class uses looms provided by the instructor and is suitable for new and beginning weavers, as well as those more advanced in their skills. We will visit the local yarn shop to select materials, and then return to North House to set up the looms and get to work. You will be able to wear your creation home!
length (days) 3 hours 9am-5pm
tuition $225 early bird tuition (6+ wks in advance) $195
materials varies($25.00 and up)
age with adult 14+

Weaving Double Cloth

with Marie Westerman
7/11/13-7/13/13
Doubleweave is a type of weaving technique in which the weaver simultaneously weaves two layers of cloth. The individual threads of each layer can be made to change places, top to bottom, bottom to top, and in that way, reversible patterns can be woven into the cloth, dark on light, reversing to light on dark. Sometimes known by the Swedish term, Finnweave, the traditional form is done using a tool called a pick-up stick, and a loom with at least four shafts. In this workshop, students will thread and weave a small project using the traditional Scandinavian technique and designs. In addition, the instructor's own technique for contemporary pick-up double weave will also be presented. Each student will create their own unique weaving, with individualized instruction.
length (days) 3 hours 9am-5pm
tuition $225 early bird tuition (6+ wks in advance) $195
materials $25

new

Woolen Bags from Raw Wool

with Elise Kyllo
11/3/12
We will create a felted purse or bag without knitting, using the wet felting process of wool, soap, water and agitation. Using the seamless resist technique our bags will be durable, beautiful and made in any shape or size you can imagine. In this class we will be using a variety of wool including unprocessed wool, right from the sheep (yes, it will smell sheepy and be dirty). By combining dyed wools with raw wool, an intriguing, fleecy fur surface is created. Learning how to use the resist technique will allow you to make slippers, mittens and more in the future.
length (days) 1 hours 9am-5pm
tuition $75 early bird tuition (6+ wks in advance) $65
materials $22
age with adult 12+

Bead Embroidery

Wooly Birds: Intro To Felting

with Elise Kyllo
2/15/13
Any place where there are sheep and chilly temperatures, people have taken advantage of woolen fibers to create objects for warmth and protection. In this class we will use the ancient practice of felting wool to sculpt a purely aesthetic and charming flock of birds. Using recycled wool, students will make a rough bird form, then apply dyed wool roving over the form and through the mysterious process of agitation, hot water and soap, a felted bird will be hatched. Everyone will go home with a bird of their own design and an understanding of felting which could be transferred to other projects such as slippers, hot pads, tea cozies etc.
length (days) 0.5 hours 9am-1pm
tuition $60 early bird tuition (6+ wks in advance) $55
materials $15 age with adult 10+

new

Wooly Critters: Intro to Felting

with Elise Kyllo
10/19/12
Wool has the amazing capability of taking on great shapes, strength and forms when wet felted. In this class we will use the ancient practice of felting wool to sculpt a purely aesthetic and charming menagerie of creatures, both real and imagined. Using recycled wool, students will make a rough animal form, and then apply dyed wool roving over the form. Through the mysterious process of agitation, hot water and soap, a felted creature will emerge. Everyone will go home with a creature of their own design and an understanding of felting which could be transferred to other projects such as slippers, hot pads, tea cozies etc. This is an especially great opportunity for young imaginations to put their creative inclinations to work.
length (days) 0.5 hours 9am-1pm
tuition $60 early bird tuition (6+ wks in advance) $55
materials $15 age with adult 10+

Woven, Decorative Bands: Weaving on the Modified Rigid Heddle

with Larry Schmitt
5/17/13-5/19/13
The intricate and colorful band weaving that is sometimes found on lusekofta (Norwegian ski sweaters) can be woven on a "spaltegrind." This workshop will show how to transform a standard rigid heddle into a spaltegrind, a modification developed in the 1930s and 1940s by American weavers, to weave colorful, decorative bands that may include names, dates, and mottoes. In peasant crafts from Scandinavia, pattern is often laid upon pattern for dazzling effect. The use of these colorful bands in combination with two-color knitting is but one example of this approach to design. Students learn how to modify a standard rigid heddle and the basics of pick up weaving for bands. If desired, students can make appropriate shuttles – a small woodworking project.
length (days) 3 hours 9am-5pm
tuition $225 early bird tuition (6+ wks in advance) $195
materials $25 age with adult 12+

Artisan Breads I

foods

All Ground Up: Sausage Making
Charcuterie: An Introduction
Cooking with the Seasons: Octoberfest - Cooking with Beer
Crafting Beer: Exploring the Elements of Flavor
Handmade Pasta
Home Cheesemaking: Intro to Fresh Cheeses
Oatcakes & Porridge: Traditional Scottish Cuisine with Norman Kennedy
Prepare and Preserve Healthful Meats
Venison Cookery: What to do with that Deer

baking

Artisan Breads I
Artisan Breads II
Danish Pastries: Make Your Own (at Home!)
Flatbreads Bakery: From the Wood-Fired Hearth
Flavorful Rye Breads
Holiday Pies
Ovencrafting: Building and Baking In The Wood-Fired Brick Oven
Rustic Breads for the Brick Oven
Rustic Pastries
Scandinavian Holiday Baking: Making Lefse
Sweet & Savory Baking for the Family
Wood-Fired Bread Baking: Unplugged XI Mini-Course

All Ground Up: Sausage Making

with Craig/Dianne Peterson
10/27/12-10/28/12
1/11/13-1/12/13
2/8/13-2/9/13

Make your own sausage flavored the way you like it using your favorite meats. As a class, we will make and take home 4-5 kinds of sausage of your choosing from a list of about 10 varieties. These will be fresh, non-smoked, non-cured sausages like bratwurst, breakfast sausage, Moroccan, Polish, Italian, Chorizo and more. Sausage meats include pork, chicken, beef and your own wild game (e.g. venison). Learn how to grind, season (using no MSG, no preservatives), stuff, cook, eat, and serve the best sausages in the world - taking home about 25 lbs of fresh sausage! Homemade, handmade, fresh from your kitchen, it doesn't get any better than this.

length (days) 2 hours 9am-5pm
tuition $150 early bird tuition (6+ wks in advance) $130
materials varies (approx $60-$90)
age with adult 10+

new Artisan Breads I

with Amy James
1/18/13-1/19/13

Hand-crafted, long-fermented, hot-hearth baked - these are the hallmarks of artisan bread. In this course we'll explore pre-ferments and a long cool rise to extract maximum flavor from the grains. You will practice skills that will help you achieve consistency in your baking, shape beautiful artisan loaves, and use techniques to fit baking into your busy life. In Artisan Breads I we will make Pan au Levain, Sourdough Boule with variations, and Herbed Flatbreads. We will bake in North House Folk School's wood-fired oven and you will learn how to create the hot-hearth experience in your home oven. Open to beginning and intermediate bakers, this course requires the ability to stand for periods of time, to knead dough by hand, and to walk to and from the teaching kitchen and the outdoor wood-fired oven. Artisan Breads I is not a pre-requisite to Artisan Breads II.

length (days) 1.5 hours Day 1: 3-6 pm Day 2 8am-4pm
tuition $135 early bird tuition (6+ wks in advance) $125
materials $30

new Artisan Breads II

with Amy James
3/15/13-3/16/13

Hand-crafted, long-fermented, hot-hearth baked:There are so many kinds of breads to explore! This course covers the same underlying concepts of artisan baking found in Artisan Breads I, with a focus on using whole grains. You'll learn how to use soakers and pre-ferments to extract flavor and nutrition from the grains, and techniques to fit baking into your busy schedule. Recipes include Ciabatta, Whole Grain Boule with variations, and Whole Grain Pita. We will bake in North House Folk School's wood-fired oven and you will learn how to create the hot-hearth experience in your home oven. Open to beginning and intermediate bakers, this course requires the ability to stand for periods of time, to knead dough by hand, and to walk to and from the teaching kitchen and the outdoor wood-fired oven. Artisan Breads I and II do not need to be taken sequentially.

length (days) 1.5 hours Day 1: 3-6pm; Day 2: 8am- 4pm
tuition $135 early bird tuition (6+ wks in advance) $125
materials $30

Rustic Breads for the Brick Oven

new Charcuterie: An Introduction

with Rob Wells
12/2/12

Charcuterie: a French term for the preserving and curing of a variety of meats. In the days before refrigeration, charcuterie was necessary for preservation; today, it's all about the delicious world of prepared meats. In this course you'll learn traditional recipes and techniques for butchering and preserving a variety of fish and meats. We will make classic salmon gravlax, smoke whole fish, grind and case sausages, and make a classic French pate! A great course for hunters and anglers who want to learn more about preserving fish and game, or for any home entertainers who want to really impress their guests.

length (days) 1 hours 9am-4pm
tuition $75 early bird tuition (6+ wks in advance) $65
materials $33

Cooking with the Seasons: Octoberfest - Cooking with Beer

with Chef Judi Barsness
10/13/12

The snap in the air, the crunching leaves and the taste of beer: it's Octoberfest time! This session of Cooking with the Seasons celebrates the many ways that beer can enhance a dining experience. Using fresh, regional and seasonally available ingredients, you and your class will join Chef Judi in preparing a delicious three-course luncheon. You'll learn new skills that can be applied in the long winter nights ahead, and leave with new recipes and ideas to expand your palette.

•Beer-Battered Walleye Fingers, Maple Mustard Drizzle, Red Cabbage Slaw
•Beer-Braised Boneless Short Ribs of Beef, with Roasted Root Vegetable Gratin
•Chocolate Toasted Nut Tart, Chocolate Toffee Chip Stout Ice Cream

length (days) 1 hours 9am-2pm
tuition $85 early bird tuition (6+ wks in advance) $75
materials $28 includes lunch

Crafting Beer: Exploring the Elements of Flavor

with Peter James
10/26/12-10/27/12

Making boats and baskets, certainly! But beer? Sure! Like many crafts of bygone days, brewing was often a home-based activity. Whether you're wondering if homebrewing makes sense for you or you're wanting to take the next steps in your new homebrewing hobby, you'll enjoy disovering how you can use both ingredients and process to create a wide range of fabulous beer. Combining elements of brewing history, fermentation science and hands-on brewing with several beer tastings, this course will help you to understand what it takes to make the beer you love. Materials cost includes an instructor-hosted lunch on Saturday.

length (days) 1.5 hours Day 1: 5-9pm; Day 2: 9am-5pm
tuition $125 early bird tuition (6+ wks in advance) $115
materials $35

new Danish Pastries: Make Your Own (at Home!)

with Beatrice Ojakangas
2/23/13

Imagine pulling a tray of buttery, warm, homemade Danish pastries from your oven: oohs and ahs from your delighted family, pleas on behalf of every bake sale committee in town, standing ovations from houseguests…this could be in your future. After all, cookbook author Beatrice Ojakangas has even taught Julia Child how to make the flaky pastries without all of the rolling and folding typically associated with this type of pastry dough. While the dough is the focus, you'll discuss fillings, glazes and other finishing touches in this one-day course. Bring an apron!

length (days) 1 hours 9am-2pm
tuition $85 early bird tuition (6+ wks in advance) $75
materials $25

Deer Processing for the Carnivorous Loca-vore

with Shawn Perich
11/8/12

Climb to the top of your personal food chain by learning how to turn a white-tailed deer into tasty, fat-free venison. Local outdoorsman Shawn Perich, author of the book, "Whitetail Hunting," and publisher of Northern Wilds magazine, will teach you how to remove the hide from a deer carcass, cut up the quarters and then prepare boneless steaks and roasts, as well as meat for stew, hamburger and sausage. This is a hands-on class where students will be working with knives, a meat grinder and deer carcasses. You will also get to bring home some of the venison you process. Why should Ted Nugent have all the fun?

length (days) 1 hours 9am-5pm
tuition $85 early bird tuition (6+ wks in advance) $75
materials $16 age with adult 16+

Flatbreads Bakery: From the Wood-Fired Hearth

with Amy James
1/20/13

One of the oldest forms of bread, flatbread can be found in almost every culture around the world. Explore a variety of styles, both leavened and unleavened, as we bake our creations in North House Folk School's wood-fired brick oven. Each student will mix up and bake 'Carta di Musica,' a crisp Italian flatbread, pitas, focaccia, and fougasse, a French flatbread. This course provides a wide introduction to the variety of bread styles for the home baker, as class discussions include how to create a hearth-like baking experience in your home oven. Open to beginning and intermediate bakers, this course requires the ability to stand for periods of time, to knead dough by hand, and to walk to and from the teaching kitchen and the outdoor wood-fired oven. Students will take home loaves of bread.

length (days) 1 hours 9am-5pm
tuition $90 early bird tuition (6+ wks in advance) $85
materials $28
age with adult 10+

Flavorful Rye Breads

with Amy James
12/7/12-12/9/12

Explore the many flavors of rye breads using seeds, spices and fruit to make traditional breads such as Limpa, Pumpernickel, and Raisin Rye. Practice techniques that will allow you to work with a potentially difficult dough. We'll explore the history and characteristics of this nutritious grain, using pre-ferments and soakers to extract maximum flavor and nutrition. Using the commercial ovens in North House's new teaching kitchen will enable students to transfer these techniques directly to the home oven. Class time will allow for tasting and discussion, and students will take breads home. Although this class is open to beginning bakers, it would be beneficial to have had some experience with yeast dough prior to class. This course requires the ability to stand for periods of time, to knead dough by hand, and to walk to and from the teaching kitchen and the outdoor wood-fired oven.

length (days) 2.25 hours Day 1: 3-6 pm; Day 2: 8am-4 pm; Day 3: 8 am-noon
tuition $185 early bird tuition (6+ wks in advance) $175
materials $40

Handmade Pasta

with David Bauer
3/10/13

While a craving for fresh handmade pasta might make you more likely to think "I'll make reservations!" than "I'll make dough!," this does not need to be the case. In this one-day course, students will learn to make basic pasta dough for noodles and ravioli as well as whole grain pasta. The use of traditional hand tools will be explored, as will various types of flour and pasta methods. Forget about going out; you'll be ready to stay in and roll out your new-found culinary skill.

length (days) 1 hours 9am-5pm
tuition $85 early bird tuition (6+ wks in advance) $75
materials $20

new Holiday Pies

with Mary Beams/Katherine Goertz
11/3/12

Just in time for the holiday season, here is a class to get you ready to entertain this year. We'll cover special pie ingredients, traditional holiday pies and methods to dress them up, decorative treatments for crusts, and flavor partners which are perfect for the season. The recipe list includes variations on pumpkin, bourbon pecan pie and eggnog pie–you're sure to leave with a winner for all of your holiday gatherings. The course includes a working lunch.

length (days) 1 hours 9am-4pm
tuition $85 early bird tuition (6+ wks in advance) $75
materials $28

Scandinavian Holiday Baking: Making Lefse

Home Cheesemaking: Intro to Fresh Cheeses

new

with Rob Wells

9/9/12

2/3/13

4/7/13

No cheesy puns here, just an opportunity to spend a day learning just how simple home cheesemaking can be. The main emphasis will be three fresh (non-aged) cheeses – mozzarella, ricotta, and soured milk cheese, but we will also learn the technique for a short-aged (one month) ricotta salata cheese. We'll touch upon the history and culture of cheeses, as well as the differences between the varieties of cheeses – aged vs. fresh, rennet vs. non-rennet, waxed, mold-ripened, and more! At the end of the class, we will be using our new-found skills to make a great pizza lunch, featuring our handmade mozzarella, with North House's very own wood-fired pizza oven.

length (days) 1 hours 9am-2pm
tuition $85 early bird tuition (6+ wks in advance) $75
materials $22 includes pizza lunch

New Scandinavian Cuisine

new

with Chef Scott Graden

1/26/13-1/27/13

If the idea of Scandinavian cuisine brings to mind only meatballs, lefse and lutefisk, it's time to update your palate. In kitchens across the globe, chefs are approaching time-honored classics with a fresh eye, emphasizing seasonal and local ingredients, simple techniques and intriguing flavor combinations. Join regionally-renowned Chef Scott Graden, owner of the Scenic Café, and learn to replicate these new Scandinavian classics and innovate in your own kitchen. With an emphasis on artisan food and a starting from scratch, you'll spend the first day exploring proper ingredient preparation. Day two will feature a variety of cooking techniques and will end with a community feast to celebrate your new knowledge. Chef Graden is well-known for his innovative yet approachable food, as well as his willingness to share his ideas. Open your mind (and your mouth!): this is Scandinavian cuisine like you've never had it before.

length (days) 2 hours 9am-5pm
tuition $180 early bird tuition (6+ wks in advance) $170
materials $60

Oatcakes & Porridge: Traditional Scottish Cuisine with Norman Kennedy

with Norman Kennedy

9/16/12

Hungry for a little traditional fare? The story of a culture can be told in many ways: through craft, through song and of course, through food. Join featured instructor Norman Kennedy in the kitchen as he shares his deep knowledge of Scottish culture. You'll prepare a variety of traditional Scottish foods, including oatcakes, porridge and shortbread. A master weaver and spinner and a renowned singer of traditional Scottish ballads, Norman has stories, songs and recipes to pass on to anyone with an interest in the old ways, an ear to lend and mouth to feed.

length (days) 0.5 hours 9:30am-noon
tuition $50 early bird tuition (6+ wks in advance) $45
materials $5

nuts & bolts

when can I sign up?

Anytime! We are always updating our schedule online. We open most courses for registration online on Sept 1 and March 1 each year. Mark your calendar, or sign up for our e-news and we'll keep you up-to-date with our latest course offerings.

Ovencrafting: Building and Baking In The Wood-Fired Brick Oven

with Derek Lucchese/Kent Jones

9/26/12-9/30/12

4/29/13-5/3/13

Hearth loaves, wood-fired cooking, traditional baking - all potential uses for the wood-fired masonry oven pioneered and made popular by Alan Scott. This workshop will explore the history of masonry ovens, oven construction, mixing dough and brick oven baking. Over the four days of the course we will, as a class, build a 32" x 36" oven starting with hearth construction, followed by the oven walls, arches, door and facade in succession. Construction will end with the facade arch and chimney, as time permits. The building of the foundation, block walls and the finishing of the oven facade, its insulation and housing will be explained in detail. Interspersed with oven building we'll be mixing dough and baking bread! The focus of this portion of the class will be naturally leavened (sourdough), whole grain breads such as whole wheat, rye, spelt and kamut. By class end you'll have natural leavened and baked bread to take home, plus all the knowledge needed to build your own oven and bake in it.

length (days) 4.5 hours Day 1: 4-7pm; Days 2-5: 9 am-5 pm
tuition $445 early bird tuition (6+ wks in advance) $425
materials $20

Prepare and Preserve Healthful Meats

with Craig/Dianne Peterson

11/9/12-11/11/12

In days gone by, eating meat meant butchering whole animals. A whole animal meant, pardon the pun, going "whole hog" into the preparation and preservation of all the parts of that animal. Today, many of those skills have fallen out of daily use, but here´s your chance to reclaim the simple and natural ways to keep meat in your diet all year-round. Through both hands-on participation and demonstration, we'll cover a wide variety of skills and products. We'll render lard, can meat and broth, dry meats, make jerky, prepare fresh sausages, smoke bone-in meats, fish and sausage, and cover freezing, brining, and curing a variety of meats as well. Students will take home a basketful of samples and the knowledge to tackle meat preservation in their home kitchens.

length (days) 2.5 hours Day 1: 3-7 pm; Day 2&3: 9am -5pm
tuition $195 early bird tuition (6+ wks in advance) $165
materials varies ($65-$75)

Rustic Breads for the Brick Oven

with Derek Lucchese

9/7/12-9/8/12

10/19/12-10/20/12

Immerse yourself in the craft of making traditional rustic breads in the wood-fired brick oven. These breads are characterized by their unique blend of flours (wheat, rye, spelt, kamut) and their high water content. This class will teach you how to develop and handle these wet, loose doughs. From hand mixing and kneading to shaping and baking, you'll gain a foundation in the most traditional of techniques. We will discuss the properties of different flours, and students will be introduced to working with and caring for natural leavens (sourdough cultures) as well as commercial yeast. This class will also serve as an in-depth introduction to the wood-fired baking process. These are the best breads on earth.

length (days) 1.5 hours Day 1: 5-8pm; Day 2: 8am-3pm
tuition $145 early bird tuition (6+ wks in advance) $135
materials $25
age with adult 16+

Rustic Pastries

new

with David Bauer

3/8/13-3/9/13

Puffy? Flaky? Crumby? All acceptable (and even highly desirable) if you're a pastry. Your quest for the perfect homemade pastry starts here with baker David Bauer. Students will learn the basics of making croissants, puff pastry, and flaky tart dough by hand. We will explore the use of alternative whole grain flours in these pastries as well as seasonal variations. Don't be tart-y for this delicious adventure in rustic baking.

length (days) 2 hours 9am-5pm
tuition $160 early bird tuition (6+ wks in advance) $150
materials $30

Scandinavian Holiday Baking: Making Lefse

with Craig/Dianne Peterson

12/1/12

Learn to make lefse the way your grandmother used to do it – an easy, time-tested recipe made from whole potatoes. You'll learn the entire process of lefse making – from potato preparation, mixing, rolling, folding and storing – as well as the equipment used to be successful. Other recipes and uses for lefse (some not so serious) will also be covered. No preservatives, MSG, or other undesirable additives. Made from pure, natural ingredients. Take your newfound skills home with you to recreate this wonderful addition to a well-placed Scandinavian meal. Each student will take home several rounds of lefse to freeze or enjoy immediately. The instructors have over 100 combined years of making and eating lefse so come and join a couple of Scandinavians who know their potatoes!

length (days) 1 hours 9am- 5pm
tuition $75 early bird tuition (6+ wks in advance) $65
materials $15

Sweet & Savory Baking for the Family

new

with Candace LaCosse

10/19/12

Everyone loves fresh baked treats from the wood-fired brick oven! Bring the whole family to experience the magic of wood-fired baking in this fun, tasty, kid-friendly baking class. We will be baking both sweet and savory breads to satisfy all ages and taste buds. Don your apron, grab a spoon and come hungry!

length (days) 0.5 hours 9am-1pm
tuition $35 materials $10
age with adult 6+

Venison Cookery: What to do with that Deer

new

with Kurt Mead/ Betsey Mead

2/2/13

So, you've got a freezer full of venison and no idea what to do about it? Tired of dry steaks and burgers and yet another bland venison roast? After 20 years of not buying beef the Mead family has discovered myriad ways of serving up delicious, nutritious, mouth-watering venison dishes. We'll share some of our very favorite meals, super-easy sausage methods and we'll show how to preserve your harvest outside of the freezer, safely, by canning or drying venison. Bring your own venison, or purchase from the instructors (advance notice requested). We will share a meal at the end of class, and you'll take home a variety of preserved meats.

length (days) 1 hours 9am-5pm, followed by a shared meal
tuition $85 early bird tuition (6+ wks in advance) $75
materials $35 plus optional meat purchase

Wood-Fired Bread Baking: Unplugged XI Mini-Course

with The Staff of North House Folk School

9/15/12

Artisan bread is all the rage, but at North House, we've been pulling crispy crusts and steaming dough out of our harborside wood-fired oven for years. With instructor Candace LaCosse you'll learn to bake delicious foccacia that you can replicate in your own home oven. Discover the magic of wood-fired baking and taste the delectable results. To accommodate the hungry masses, this mini-course will be offered twice during the weekend.

length (days) 0.25 hours Morning Session: 10am-noon; Afternoon Session 1pm-3pm
tuition $30 materials included
age with adult 12+

All Ground Up: Sausage Making

Saami Friendship Bracelet

Introduction to Saami Bracelets: Unplugged XI Mini-Course

with Liz Bucheit

9/14/12

Join 12-year veteran NH instructor Liz Bucheit for an introductory opportunity to work with the traditional materials of the Saami "tennetrad" craft. If you have ever wanted to take one of Liz's Saami Bracelet classes in the past or wondered if the course would fit your creative expertise, please join us for this two- hour chance to work hands on! You'll braid strands of pewter coiled thread to create a simple bracelet complete with a reindeer antler button. This project is fun and easy – no "yoiking"!

length (days) 0.25 hours 10 am- noon
tuition $30 materials $0 $12 payable to instructor
age with adult 12+

North Shore Pebble Jewelry

with Barbara Joiner

9/28/12-9/30/12

Picking up pebbles from the shores of the Great Lakes and elsewhere is a pastime many of us enjoy. Most of these special rocks end up in boxes in the closet. But, in this class, we will turn them into wearable jewelry. We'll spend an hour or so the first day gathering pebbles on the shore of Lake Superior. By drilling holes in them using diamond encrusted drill bits and connecting them using sterling silver, copper and brass sheet, tubing and wire students will create unique pieces of jewelry. In this class you will learn to drill, file, saw, make connections and a little bit of soldering as you create necklaces, bracelets, earrings and perhaps a ring. Expect to have loads of fun and go home with three or four finished works of wearable art from the shores of Lake Superior.

length (days) 3 hours 9am-5pm
tuition $275 early bird tuition (6+ wks in advance) $255
materials varies ($30-$50)
age with adult 13+

jewelry

Introduction to Saami Bracelets: Unplugged XI Mini-Course
North Shore Pebble Jewelry
Saami Friendship Bracelet
Saami Friendship Bracelet Continuation
Silversmithing: The Jeweler's Palette
Viking "Knit" Chain Bracelet

Saami Friendship Bracelet

with Liz Bucheit
9/13/12
2/22/13
6/7/13
The serene and dramatic landscape of northern Scandinavia is the land of the midnight sun, the northern lights and the Saami, a nomadic tribal group that follows the migration of the reindeer. Traditional Saami jewelry incorporated elements of their northern landscape – softened reindeer leather and sculpted antler. In this course you'll explore the traditional jewelry techniques of triple braiding coiled pewter wire and sewing the finished braid to a softened reindeer hide strip. A reindeer antler button finishes off the bracelet. Materials fee will be collected by instructor.
length (days) 1 hours 9am-5pm
tuition $85 early bird tuition (6+ wks in advance) $75
materials varies (approx. $95)

Saami Friendship Bracelet Continuation

with Liz Bucheit
2/23/13
6/8/13
Expand on your Saami bracelet skills! In this class we will create a wide multi braided bracelet with a variety of intricate braids and coils using traditional spooled pewter coil. If you loved the single braid style of the Saami bracelet class and want to experiment with different braiding combinations this is your opportunity to individualize your style. New students interested in this course are encouraged to enroll in the Saami Bracelet class offered the prior day. All tools and materials provided. Materials fee will be collected by instructor during the course.
length (days) 1 hours 9am-5pm
tuition $85 early bird tuition (6+ wks in advance) $75
materials varies (approx $125)

Saami Friendship Bracelet

"the sense of community at north house goes far beyond any words that are spoken."

- from a student evaluation form

new Silversmithing: The Jeweler's Palette

with Michael Seiler
2/22/13-2/23/13
4/5/13-4/6/13
6/7/13-6/8/13
Shiny objects catch your eye? Ready to create your own designs in silver? In this class you will learn the basic foundations of silversmithing. Bring your creativity and an aptitude to try new things. We will cover soldering, fabricating and hand forming metal into your own design. This class offers students creative rein with their projects, including rings, necklaces, earrings or simple metal objects. This is a wonderful opportunity to learn the basics or grow as a fledgling jeweler. All the tools will be provided to create your masterpiece. Sterling silver will be available for purchase at the time of the class (see materials fee).
length (days) 2 hours 9am-5pm
tuition $170 early bird tuition (6+ wks in advance) $150
materials varies ($55 and up)

Viking "Knit" Chain Bracelet

with Liz Bucheit
4/6/13
Come explore the ancient tradition of chain making! You'll use "Viking Knitting," a centuries-old looping technique, to create a beautiful silver bracelet with a variety of unusual clasps. You'll have the opportunity to complete a bracelet in a single day – no previous experience required – and all tools and materials will be provided.
length (days) 1 hours 9am-4pm
tuition $85 early bird tuition (6+ wks in advance) $80
materials varies (approx. $95)

Selbuvotter Mittens: The Classic Norwegian Mitten

Fair Isle Knitting: An Introduction

with Allen Holzhueter
10/18/12-10/19/12
Discover the British Isles' most colorful knitting tradition. If you are a fan of BBC's Masterpiece Theater or Mystery productions set in the 1920s or 1930s, and have found yourself being distracted by the colorful and intricately patterned sweaters, you are most likely admiring a Fair Isle sweater. In this two-day class we will spend the first day exploring this tradition by working on swatches, joining color and pattern in creating your own design. During the second day we will take your swatches and work on a small project: wrist warmers as an introduction to combining the Fair Isle elements of color and design that are the essentials of the Fair Isle sweater. If you find the colorful and complex appearance of a Fair Isle sweater enticing, join us for this two-day class.
length (days) 2 hours 9am-5pm
tuition $150 early bird tuition (6+ wks in advance) $130
materials $15

Help Yourself To Knitting: Beginning Knitting Class

with Kate Hartman
10/18/12-10/19/12
2/14/13-2/15/13
This class is an enjoyable, two-day beginning knitting class which focuses not only on basic stitches and skills, but also on recognizing and correcting common mistakes which often frustrate the beginner. Topics include basic knitting skills, yarn basics and pattern reading. You will be provided with a beginning book, one pair of size 8 (Am) knitting needles, practice yarn and several easy project patterns to help you get started in this enjoyable craft and pastime. Children and adults may choose to participate together on this learning experience, taking advantage of a special intergenerational rate.
length (days) 2 hours 9am-5pm
tuition $150 early bird tuition (6+ wks in advance) $130
materials $15 age with adult 10+

knitting

Fair Isle Knitting: An Introduction
Help Yourself To Knitting: Beginning Knitting Class
Icelandic Knitting Traditions
Intermediate Knitting Skills: Shaping Techniques
Knitting Socks: The Essential Craft
Lace Knitting: An Introduction
Mittens: The Perfect Complement
Selbuvotter Mittens: The Classic Norwegian Mitten

new Icelandic Knitting Traditions

with Allen Holzhueter
2/14/13-2/15/13
The classic Icelandic yoke sweater is a post-WWII knitting tradition with a distinct Icelandic twist. The Icelandic sheep breed is two-coated-- a soft inner coat and very long glossy outer coat. When the wool was sent to the mill, it came back as roving, called lopi, and was ready to spin into yarn. In the 1920's an inspired knitter skipped the spinning stage and knit the pencil roving to create a soft, warm fabric. The use of lopi in natural colors became popular for knitting ski sweaters with the distinct yoke design. In this workshop, we will explore the tradition and knit a cap using lopi to introduce you to working with this special yarn. Students should be intermediate knitters.
length (days) 2 hours 9am-5pm
tuition $150 early bird tuition (6+ wks in advance) $130
materials $15

Intermediate Knitting Skills: Shaping Techniques

with Kate Hartman
10/20/12
OK, knitters, so you have learned and practiced the basics. You are comfortable with knitting and purling. Using increases and decreases, you can do some basic shaping. Now take time to go beyond the basics and learn techniques that will improve your knitting skills and the fit and appearance of your projects. During the first part of this day-long class we will explore techniques to accomplish these goals. These will include: gauge, refined increases and decreases, short rows, gussets, shoulder bind-offs and sock heels and toes. Time permitting, students are encouraged to bring their knitting questions and conundrums to the class, and their own knitting "tricks" that have improved their knitting.
length (days) 1 hours 9am-5pm
tuition $75 early bird tuition (6+ wks in advance) $65
materials included age with adult 12+

Knitting Socks: The Essential Craft

with Kate Hartman
10/21/12
2/16/13
Build your own boat and timber frame your own home-so why not knit your own socks? After all, "you can't go barefoot," as your mom used to say. In this day-long introduction to knitting socks, you'll be on your way to making your own socks for the rest of your life. Learn the skills to make socks including reading knitting patterns, circular knitting on double point needles, shaping the heel and shaping and closing the toe. You start on a model sock and are encouraged to bring a sock pattern you would like to make in the future. The instructor will guide you through these sometimes daunting instructions.
length (days) 1 hours 9am-5pm
tuition $75 early bird tuition (6+ wks in advance) $65
materials $20 age with adult 10+

Help Yourself To Knitting: Beginning Knitting Class

nuts & bolts

e-news

Sign up for our monthly e-newsletter and stay up to date with all of the ins and outs at North House.

Lace Knitting: An Introduction

with Shawn Glidden
3/23/13
Throw me a lifeline, my yarn overs are growing and my ssks are slipping! Discover how yarn overs, ssks, k2togs, and others come together to form beautiful knit lace! These abbreviations might look incomprehensible now but after a fun day of knitting lace you will be able to identify them, execute them and even combine them in ways to create your own lace designs. While knitting a lace sampler scarf, you'll learn to read charts, written directions and how to use that lifeline! If you are comfortable knitting and purling join us for a fun day of exploring lace knitting.
length (days) 1 hours 9am-5pm
tuition $75 early bird tuition (6+ wks in advance) $65
materials varies (up to $25) age with adult 16+

Mittens: The Perfect Complement

with Kate Hartman
2/17/13
Learn to knit a pair of mittens and enjoy a life-long skill set for knitting warm mittens for yourself or to give as gifts for those fingerlings you care about. Learn to read knitting patterns for mittens, practice circular knitting techniques on double pointed needles, thumb techniques, closing the tip of the mitten and how to shape mittens for a good fit.
length (days) 0.5 hours 9am-5pm
tuition $75 early bird tuition (6+ wks in advance) $65
materials varies ($20-$30) age with adult 10+

Selbuvotter Mittens: The Classic Norwegian Mitten

with Allen Holzhueter
10/20/12-10/21/12
6/24/13-6/25/13
If you have always wanted to knit a Norwegian ski sweater, but have been daunted by the size of the project, Selbuvotter mittens are for you. Discover the rich patterns associated with Scandinavian textiles by learning to knit the black and white, intricately patterned Selbuvotter mittens using the stranded knitting technique. Selbu is located near Trondheim, Norway, where in the 1850s, a distinctive mitten and glove design developed. In this class, the student will be introduced to the tradition, choose a pattern and begin knitting a pair of these very beautiful Norwegian mittens. The mittens are knit in the round using small size double pointed needles. These mittens make a great project for knitters of all skill levels. Students need to be able to cast on, bind off, knit and purl easily, and know how to increase and decrease stitches. The instructor will provide needles and yarn (if needed). Because time will be limited, our project will be child-size mittens.
length (days) 2 hours 9am-5pm
tuition $150 early bird tuition (6+ wks in advance) $130
materials $17

music

Music Performance, Professionalism & Presentation with Jonathan Edwards

Performance Workshop with Mollie O'Brien and Rich Moore: Making a Song Your Own

Simple Tunes for Singing and Dancing

The Cedar Hand Drum: Carving, Stretching & Drumming

Traditional Music & Dance Family Workshop

Turning Around a Simple Song: Songs and Stories with Larry Groce

Unplugged Songwriting Workshop with Jon Vezner

Music Performance, Professionalism & Presentation with Jonathan Edwards

with Jonathan Edwards

9/15/12

Musical performance is as much a craft as timber-framing, boat-building and bread-baking more commonly associated with North House. Years of practice & thought, careful care of tools and preparation of materials are key to producing high quality work. Jonathan Edwards is a master craftsman in this field: 45 years of experience, 16 albums, "Top 40" recognition and countless performances later, Jonathan has much to share. Join him for a wide-ranging discussion, covering subjects from personality projection to stage presence to musicianship to engagement with the audience to equipment to travel considerations and more. Jonathan will place a special emphasis on the essential, critical and intimate connection between the singer and the lyric, between the musician and the melody, between the meaning and the groove. Students are encouraged to bring their instruments, their songs, and all the questions and concerns they might have regarding the creation and performance of music.

length (days) 0.25 hours 1:00 pm-3:00 pm
tuition $50 early bird tuition (6+ wks in advance) $45
materials included

Performance Workshop with Mollie O'Brien and Rich Moore: Making a Song Your Own

with Mollie O'Brien & Rich Moore

9/13/12

The American songwriting tradition offers a wealth of soul-stirring material, beloved by musicians across eras and genres. From minstrel era tunes to George Harrison to Rodgers and Hart to Richard Thompson, musicians of all styles are blessed with an abundance of classics to add to their repertoire. The trick, of course, is to make those well-known songs sound like your own: how do you personalize the song without overdoing it? Join Mollie and Rich for this two hour workshop to get some tips from the pros. They'll cover (re-)arrangements, including melody and vocal lines, harmonies and accompaniment parts. Bring a song you'd like to work on in particular, or come and be inspired to try something new.

length (days) 0.25 hours 3pm-5pm
tuition $50 early bird tuition (6+ wks in advance) $45
materials included

Simple Tunes for Singing and Dancing

with Terrence Smith

10/19/12

Always wanted to play along with the band? Here's your chance to learn a few traditional American folk music tunes and be ready to join in. Often called a jam circle, musicians will pick up new tunes by playing them over and over again in unison. In this workshop, you'll be part of a "slow jam," specifically for those who have little experience or mastery of an instrument. Any stringed instrument in the closet--a fiddle, banjo, guitar, dulcimer, or mandolin will do, or you can purchase a penny whistle or harmonica at the workshop and join right in. You'll be reeling and jigging right along in no time! Come a foot-tapper and leave a jammer. The instructor will provide penny whistles and harmonicas for purchase, as well as simple tune books for those who wish to continue. No musical experience necessary--just a desire to play along!

length (days) 0.5 hours 9am-noon
tuition $20 early bird tuition (6+ wks in advance) $16
materials included
age with adult 12+

The Cedar Hand Drum: Carving, Stretching & Drumming

with Eric Mase

9/22/12-9/23/12

The timeless beat of the drum stems back to a time when we made our own music literally from the ground up. Before drum shops and before Putumayo, materials were hand-harvested from the forest. In this course you will learn to carve a cedar hand drum from a hand-harvested log and then explore hand drumming patterns for lifelong skills with music. You will also work with softened rawhide as it is stretched to a desired tension and tone in the drum head. Although every drum will vary depending on the hand-harvested log, the finished drum will be approximately 9" in diameter and 8" in depth.

length (days) 1.5 hours Day 1: 9am-5pm Day 2: 9am-Noon
tuition $170 early bird tuition (6+ wks in advance) $150
materials $45

Traditional Music & Dance Family Workshop

with Terrence Smith

10/20/12

Join dance caller Terrence Smith for a morning of family music-making. Together, children and adults will create a simple toy that is based on a real human activity—dancing! Using a potato, wood and simple tools, you'll build a Limberjack (or Limberjane!) that you can bounce on your knee and keep rhythm with the band, like the spoons or bones used for years by Appalachian and other folk music traditions. You'll take home a fully assembled limber-toy and a head full of ideas to create more limber-friends with things you find in the forest, under your bed or in the garage. In the second portion of this workshop, families will also learn traditional American favorites that feature simple melodies, lots of action and good fun for the whole family. Adult-child pair tuition cost $28/$35.

length (days) 0.25 hours 10 am-Noon
tuition $20 early bird tuition (6+ wks in advance) $16
materials $3 included age with adult 5+

Turning Around a Simple Song: Songs and Stories with Larry Groce

with Larry Groce

9/15/12

Songs are astounding little packages. A handful of words set to a tuneful melody can tell a story that will stick with you for the rest of your life. Larry Groce, host of Mountain Stage Radio, has listened to thousands of songs performed by hundreds of the most talented musicians in America for the past 29 years, and yet he remains fascinated with all that can be conveyed through a humble song. Join Larry for a wide-ranging conversation about the magic of music, featuring some of his favorite recordings from Mountain Stage. After all, "the world is turning around a simple song."

length (days) 0.25 hours 10am-noon
tuition $55 early bird tuition (6+ wks in advance) $50
materials included

Unplugged Songwriting Workshop with Jon Vezner

with Jon Vezner

9/13/12-9/14/12

Songwriting has been part of the fabric of humanity since the dawn of time. This unique songwriting workshop emphasizes an active exchange of ideas as well as hands-on writing, allowing students the opportunity to enhance and expand their songwriting techniques. The workshop's two-day format allows abundant time for songwriting exercises, discussion and an opportunity to have an already existing song critiqued.

length (days) 2 hours 9am-3pm
tuition $160 early bird tuition (6+ wks in advance) $150
materials included

Mushrooming

All About Leaves: Northern Ecology Field Session: Unplugged XI Mini-Course

with Ann Russ

9/14/12

Leaves are all around us in the northern woods, and are especially breathtaking in the autumn, but what do we really know about them? Join Northern Ecology instructor Ann Russ for a short guided hike in the woods near Grand Marais and explore all things leaf-related. What are leaves for? What's the science behind the fall colors? Are needles leaves? What makes some leaves curl? What's with the spotty birch leaves? What are these specks/dots/bumps on the leaves? What are web worms? Come with your questions, learn something new, and escape the hustle and bustle for a few hours while enjoying a taste of our northern landscape curriculum offerings.

length (days) 0.25 hours 2 pm - 4pm
tuition $30 materials included age with adult 12+

From the Deck: Lake Superior Shoreline Naturalist Tour: Afternoon Session

with Ann Russ/Dave, Samantha and Stephanie Williams

9/8/12
7/6/13
8/10/13
9/7/13

Looking back at the coast from an ecological, historical and geological view is the goal of this outing as we head out on Lake Superior armed with binoculars and cameras, traveling to a remote rookery, eagle's nest or waterfall. This water-based workshop takes place aboard the charter boat "Fishin' Chicks," a 27' boat with twin engines, comfortable seating and a private bathroom below deck, to ensure a safe and comfortable learning platform. The determination of safe travel on Lake Superior will be ascertained by the captain. With the Sawtooth Mountains and rugged shoreline as a backdrop, be sure to remember your camera!

length (days) 0.25 hours 3:30pm-5:30pm
tuition $60 early bird tuition (6+ wks in advance) $50
materials $50 (charter boat fee)

northern ecology

All About Leaves: Northern Ecology Field Session: Unplugged XI Mini-Course

From the Deck: Lake Superior Shoreline Naturalist Tour: Afternoon Session

Mushrooming

Searching For Migrants: The October Session

Spring Birdsong Ensemble

Mushrooming

with Mike McCall

9/2/12
9/8/12

Our parents always told us to stay away from them, but now you can spend an afternoon with "the" fungus expert and discover which mushrooms are safe, delicious, and easy to identify. This course is appropriate for all levels of mushroom hunters because the local climate and conditions change often enough to provide numerous opportunities for discovering and re-discovering the fungus of northern Minnesota. Bring a knife, a collecting basket and a mushroom guide, as a portion of the course is spent in the field collecting and identifying. You are encouraged to bring mushrooms from your local area for identification.

length (days) 0.5 hours 10am-3pm
tuition $70 early bird tuition (6+ wks in advance) $65
materials included

Searching For Migrants: The October Session

with Dave Bartkey

10/26/12-10/27/12

Dave returns for a late-fall session of Searching For Migrants. Many of the resident birds will have already left for their wintering grounds, so the number of birds may have dwindled, but the possibiliy of spotting rarities increases during the late-fall migration. During this two-day session, we will travel to many well-known migration sites, including the Croftville Road, Five Mile Rock, Paradise Beach, Judge C. R. Magney State Park, Hovland, Grand Portage State Park, and Superior Game Refuge. We will search Lake Superior shoreline and adjacent land areas for migrating waterfowl and other species. On day two, we will visit Good Harbor Bay, Cascade River State Park and the Spruce Creek area, which involve moderate hiking. This trip will also include some inland birding to look for other migrating species.

length (days) 2
hours Day 1: 8am-2:30 pm, Day 2: 8am 2:30 pm
tuition $150 early bird tuition (6+ wks in advance) $140
materials included age with adult 12+

Spring Birdsong Ensemble

with Ann Russ

5/18/13

Spring is a wonderful time to experience the sounds, smells, and sights of the boreal forest. Not only are birds bursting forth with territorial songs, rivers are overflowing, the forest is flowering, and pungent smells abound. The aim of this workshop is to discover some of this delightful diversity, hone observation skills, and produce a creative musical ensemble response. During moderate morning hikes you'll learn to recognize birds by song, sight, and habitat, and explore other boreal spring delights. In the afternoon become part of a musical ensemble as we make a creative response to our morning observations using percussion instruments from around the world. All levels of experience are welcome.

length (days) 1 hours 7am-4pm
tuition $75 early bird tuition (6+ wks in advance) $65
materials $10 age with adult 12+

"we had a blast!"

- from a student evaluation form

Wooden Toboggan For Winter Travel: Make Your Own

september

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"i learned so much in just one day!"

- from a student evaluation form

NORTH HOUSE FOLK SCHOOL

fall **WINTER**

Spring Summer **2012/13**

Fly Tying & Selection

Bows and Arrows: Crafting a Traditional Longbow and Arrow Making

with Rick Yonker
12/28/12-12/30/12
8/1/13-8/3/13

This course takes students through the step-by-step process of crafting a wooden longbow, wooden-shafted arrow and bow string. To facilitate learning about constructing a traditional bow, students start with a rough-cut stave of hickory. Bows are backed with flax-fiber linen. Arrows include field point and feathers. String is made using the traditional Flemish twist technique. Throughout the course participants learn the basics of working wood with a drawknife, carpenter's scraper and other traditional hand tools. Class discussion includes design theory, different bow shapes, and the art of tillering a bow (getting it to bend correctly). As time and weather permit, students will practice shooting techniques on campus.

length (days) 3 hours 9am-5pm
tuition $270 early bird tuition (6+ wks in advance) $255
materials $260 age with adult 12+

outdoor skills

- Bows and Arrows: Crafting a Traditional Longbow and Arrow Making
- Bushcooker Trail Stove: Craft Your Own
- Carving Inuit-Style Snow Goggles
- Craft of Birch Ski Making: Making Your Own Set
- Entry Level Angling for Adults
- Fjord Horse Experience: Two-Hour "Pleasure Driving"
- Fly Fishing The North Shore
- Fly Tying & Selection
- Kick Sled Building: Push and Glide
- Northern Bushcraft: In the Field
- Northwoods Deer Hunting
- Snowshoe Construction: Build Your Own
- Staying Alive in the Woods: Intro to Wilderness Survival
- Traditional Finnish Ski Poles: Craft Your Own Set
- Traveling by Pencil with Alaskan author Seth Kantner
- Winter Camping at 30 Below
- Wooden Toboggan For Winter Travel: Make Your Own

Bushcooker Trail Stove: Craft Your Own

with Don Kevilus
11/16/12

Discover the energy-efficient, inexpensive, one-pot cooking stove that's fit for trail, canoe trip or your next winter camping expedition. Proprietor of the famed Four Dog Stove Company, Don Kevilus, will teach you how to build and fire this 9-oz tin backpacking stove (4.25" x 5.25") - a hybrid designed from combustion stoves developed in Norway, Denmark, and Switzerland that use secondary combustion at the top of the stove to burn gases for increased efficiency. No need for any liquid fuel bottles or the additional weight and worry of gas canisters. Just 3 oz. of handforged twigs will give you a 6-minute boil and an additional 9 minutes of simmer time with this stove - perfect for any backcountry meal. Don will also cover the basics of fuel efficiency, learning how to tinder a fire out in the woods and how to quickly dry damp material for an efficient firing of your new trail stove.

length (days) 0.5 hours 9am-1 pm
tuition $55 early bird tuition (6+ wks in advance) $50
materials varies ($10-$25)

Carving Inuit-Style Snow Goggles

with Fred Livesay
11/17/12-11/18/12

Reduce "snowblindness'" on your next winter travel adventure by carving your own snow goggles. You'll be the talk of the town and the envy of every winter enthusiast you meet in your new goggles. Traditional goggles not only prevent snow blindness, but evidence from the Danish Polar Research Institute has shown that they improve vision by blocking out the wind and cutting UV rays to a minimum … and they won't fog up when you step in and out of the winter camp. You will learn useful carving and design skills, as well as the history of snow goggle usage by native peoples of the Arctic. A must-have for your next snowshoe or ski adventure!

length (days) 2 hours 9am-5pm
tuition $150 early bird tuition (6+ wks in advance) $130
materials $10

Craft of Birch Ski Making: Making Your Own Set

with Mark Hansen
1/10/13-1/13/13

Discover the secrets of the old Saami school of ski construction by crafting a custom pair of birch skis to meet your needs. In this course you'll learn about the origin of ski design, function and construction. We'll also cover topics such as wood grain, bending wood, types of bindings, and information related to use and handling of these ancient tools of transportation. Craft your own pair of skis custom-sized to your height, weight and intended use and prepare to enjoy the wintry wonderland of backcountry and ski trails outside your back door. Evening sessions may include films and a variety of discussion topics on the history and craft of ski making.

length (days) 3.5 hours Day 1: 5-9pm; Day 2-4: 9am-5pm
tuition $350 early bird tuition (6+ wks in advance) $335
materials varies (approx. $150-$225)

Entry Level Angling for Adults

Craft of Birch Ski Making: Making Your Own Set

new

Entry Level Angling for Adults

with Shawn Perich
5/18/13

Learn how to catch fish from North Shore lakes and streams in this hands-on class with local angling writer Shawn Perich. Students will receive a rod and reel outfit and a small tackle box of proven north country lures. Classroom instruction includes learning to use fishing tackle and basic fishing instruction in casting and techniques. In the afternoon, students will head to a local lake to practice what they've learned. Upon class completion, students will be competent with a fishing rod and know enough to go fishing on their own for walleye, bass, pike and trout.

length (days) 1 hours 9am-5pm
tuition $75 early bird tuition (6+ wks in advance) $65
materials $80 includes rod, reel, line and tackle
age with adult 16+

Fjord Horse Experience: Two-Hour "Pleasure Driving"

with Philis Anderson
9/1/12-10/15/12

Enjoy a two-hour experience with Norwegian Fjord Horses, a unique breed of gentle horses, while learning the basics of pleasure driving a horse and cart. Selectively bred for more than 20 centuries, Norwegian Fjord Horses might best be described as short and stocky, friendly and versatile. Whether pulling boats along Scandinavia's fjords, working in farm fields, or pulling a cart to market, fjord horses were important partners for generations of farmers. Lessons begin in an outdoor arena and progress to beautiful trails through the quiet woods above Grand Marais. This experience is open to all, including those who would prefer simply to relax and take a pleasure drive with a team of fjord horses driven by the instructor. Up to four additional family members or friends are welcome to share in the cart/wagon ride pulled by these gentle giants, for an additional $25 per person. Available most days May 15 to October 15, weather permitting.

length (days) 0.5 hours 10am to Noon or 2-4pm
tuition $75 ($25/for additional friend/family member)
early bird tuition (6+ wks in advance) $75
materials included age with adult 12+

Fly Fishing The North Shore

with David Asproth/Mike Hero/Rueben Swenson
7/11/13-7/14/13

The North Shore of Lake Superior provides some highly prized fly fishing opportunities—ranging from fly fishing the streams for native brook trout, steelhead and coasters, to fly fishing the inland lakes of the BWCAW for rainbow and lake trout, smallmouth bass and pike. This course is designed both for the beginner and the experienced fly fisherman. The student will learn proper equipment, knots, casting techniques, tactics for streams, and identifying fish food sources and matching them with flies. There will also be extensive instruction in the flies and tactics used in all still water fishing, as well as those specific to the North Shore. The course begins each day with a classroom session. The class then moves outdoors to apply the skills in a series of on-the-water field sessions on local "honey holes" where the students will usually catch trout. The course is designed not only to teach the skills necessary for fly fishing the North Shore, but to also provide a good foundation for fly fishing anywhere. Course materials provided by the instructors will include fly tippet, a sink tip head, backing, a leader, a dozen flies, and some other useful gear.

length (days) 4 hours 1pm-9:30pm
tuition $395 early bird tuition (6+ wks in advance) $380
materials $95 age with adult 12+

Fly Tying & Selection

with Mike Hero
2/22/13-2/24/13

Tying flies is only the beginning; to be successful, you also have to match the fly with various situations encountered on the water during the year. This course will cover both the tying of flies and the proper selection. Appropriate for both beginning and experienced tyers, students will learn to tie a variety of flies that will catch fish in northern Minnesota waters. The class will also focus on flies that match mayfly, caddis, and stonefly hatches throughout North America. A portion of each class will be devoted to discussions about basic food sources for fish, with a corresponding discussion about how to imitate such food sources using flies the student will tie. The characteristics and uses of traditional and modern fly tying materials will also be discussed and students will work with most of these materials. Each student will tie and take home more than a dozen hand-tied flies from the class. Please note, the $85 materials fee must be paid in full at the time of registration. In the event of a cancellation, this materials fee is non-refundable, but the materials can be mailed to the participant who is unable to attend upon request.

length (days) 2.5
hours Days 1/2: 9am-5pm, Day 3: 9 am-noon
tuition $235 early bird tuition (6+ wks in advance) $225
materials $85 age with adult 13+

Wooden Toboggan For Winter Travel: Make Your Own

Kick Sled Building: Push and Glide

with Randy Schnobrich
1/25/13-1/27/13

For hundreds of years the kick sled has been a popular mode of winter transportation throughout Scandinavia and other snow-covered countries. From country hill to city sidewalk, the kick sled goes anywhere there is snow. You start from the ground up handcrafting a functional sled that can be enjoyed by all ages. Laminated wood runners, slats for the seat and hand-finished handlebars will be individually crafted, reflecting your aesthetic vision. Once completed, the sled is collapsible and can be pushed by the driver or pulled by a dog or two. Approx. dimensions: 72"L x 16"W x 36"H. A great family project that will last a lifetime. Up to two people may participate for the base tuition - bring a partner, friend or family member to help with the work.

length (days) 2.5 hours Day 1: 5-8pm; Day 2/3 9am-5pm
tuition $190 early bird tuition (6+ wks in advance) $180
materials $290 age with adult 8+

new

Northern Bushcraft: In the Field

with David Cronenwett
11/18/12-11/19/12

The bushcraft way is a rewarding path that we'll explore in this course. Where the survivalist learns to avoid or endure a wilderness emergency, the bushwalker strives to flourish in the landscape using traditional knowledge and techniques. This two-day immersion experience will go beyond northern wilderness survival by incorporating longer-term bush skills like camp craft, ethnobotany, subsistence methods and natural crafting. By the course end, we will come to understand that prowess with our outdoor skills is important but so is the mindset of humility and thankfulness that has allowed our kind to live in the bush for most of our history. Participants may choose to spend the evening in the field in a primitive shelter, though this is entirely optional. It is strongly suggested that those wishing to enroll in this workshop first take Staying Alive in the Woods: Introduction to Northern Wilderness Survival. Specific projects may include the following; constructing functional bucksaws; field-expedient knife sheaths; emergency snowshoes; longer-term shelters and more!

length (days) 2 hours Day 1: 9am-4pm; Day 2: 9am-3 pm
tuition $160 early bird tuition (6+ wks in advance) $150
materials $25

Northwoods Deer Hunting

with Shawn Perich
10/13/12

Discover the rich traditions of northwoods deer hunting and learn how you can fill your freezer with lean and tasty venison. Spend time in the classroom and in the field with local deer hunter Shawn Perich, author of the book *Whitetail Hunting* and popular columnist for Minnesota Outdoor News. In the classroom you'll discuss where deer are found in North Shore forests, preparing for the hunt, must-have hunting accessories, dressing for success and hunting strategies and techniques. In the field, he will teach you how to scout for hunting\locations, recognize deer sign, pick stand sites and set up a portable tree stand. Upon class completion, students should have the confidence to head afield and try their luck.

length (days) 1 hours 9am-5pm
tuition $75 early bird tuition (6+ wks in advance) $65
materials included

Snowshoe Construction: Build Your Own

with John Beltman
1/18/13-1/20/13

Carve, bend and lace your own pair of wooden ash snowshoes as this course explores the traditional Ojibwe style. Pointed at both ends, this snowshoe design is efficient for travel through both wooded areas or across frozen lakes and open expanses. You will steam bend and shape ash frames and mortise in crosspieces with simple hand tools. The class will learn traditional techniques for lacing their shoes using lightweight, hollowed nylon cord. Traditional bindings will also be provided and their uses will covered in detail. For an additional cost, students may choose to lace their snowshoes with traditional rawhide. Course discussions include a variety of binding types and their application. The end result is a satisfying reflection of craftsmanship and skills handed down through the generations. Students who desire to spend more time completing the intricate lacework of both snowshoes may choose to register for an additional fourth day.

length (days) 3 hours 9am-5pm
tuition $255 (additional $75 for optional day #4
)early bird tuition (6+ wks in advance) $225 materials $65
(additional $75 for optional rawhide lacing)
age with adult 14+

Staying Alive in the Woods: Intro to Northern Wilderness Survival

new

with David Cronenwett
11/16/12

Ever wonder what you should do in a backcountry survival situation? How about how do avoid them altogether?! This workshop will give you the skills and address the psychological issues that a survivor could face in the Northern forests, as well as how to avoid common mistakes that can lead to a life-threatening scenario. We'll cover hands-on skills like modern and primitive fire making, powerful use of the bush knife, shelter construction and survival kits, as well as the "survivor's mind" and how to keep it working for you! The course will include an informative morning lecture & discussion about search & rescue statistics, heat loss, clothing and survival psychology before heading into the field to hone our skills.

length (days) 1 hours 9am-4pm
tuition $90 early bird tuition (6+ wks in advance) $85
materials $20

Kicksled Building: Push & Glide

Snowshoe Construction: Build Your Own

Traditional Finnish Ski Poles: Craft Your Own Set

with Mark Hansen
1/14/13-1/15/13

Enhance your winter adventures with these lightweight, durable ski poles which are based on the types used by northern Minnesota Finnish immigrants for winter travel. The poles are constructed with balsam shafts, copper rivets, whitetail-tanned buckskin grips and moose rawhide and red willow baskets. You will make your custom-sized ski poles using age-old techniques passed from Finnish ski maker Marvin Salo (whose father was a master ski maker trained in the old Saami school of ski construction) to your instructor Mark Hansen. This course is a great complement to the Traditional Birch Ski making course.

length (days) 2 hours 9am-5pm
tuition $195 early bird tuition (6+ wks in advance) $185
materials varies (approx. $125)

Traveling by Pencil with Alaskan author Seth Kantner

new

with Seth Kantner
11/15/12-11/16/12

Join Seth Kantner to write your story. The bestselling author of *Ordinary Wolves* and *Shopping for Porcupine* in a two day workshop will make it happen: from idea, to getting the details down, shaving paragraphs, shaping sentences, demanding work from every word, and finally corralling that heap in story. Kantner will draw from his experience as a novelist and essayist to help you write and polish an essay of your own, and along the way discuss the writing process as a whole. Bring an idea, a raw essay—not too long--or just intent, and enjoy this opportunity to be it, a writer. Students enrolled in this class may wish to take Seth Kantner's photography workshop on Saturday.

length (days) 2 hours 9am-5pm
tuition $190 early bird tuition (6+ wks in advance) $180
materials included

Winter Camping at 30 Below

new

with Don Kevilus
11/16/12

Winter camping: the phrase itself is a siren song to many and an oxymoron to others. The coldest season offers many rewards for those willing to venture out: starry skies, dazzling aurora borealis displays, astonishing quiet, and deep beauty. Don Kevilus has spent many nights enjoying the pleasures of winter camping, and as he'll tell you, being comfortable is no accident, but simply requires planning and a bit of forethought. Anyone can do it, and there's no need to spend thousands of dollars on high-tech gear. In this half day workshop, Don will cover the basics of simple, inexpensive winter camping: equipment, nutrition, sleep systems (hammocks anyone?), needed skills, and generally how to be happy outdoors at thirty below.

length (days) 0.5 hours 2pm-5pm
tuition $50 early bird tuition (6+ wks in advance) $45
materials included

Wooden Toboggan For Winter Travel: Make Your Own

with John Beltman
11/16/12-11/18/12

Toboggans were used for centuries by the woodland peoples of the north where deep snows could only be navigated by floating on top of the snowpack. Today, they continue to be used by winter camping enthusiasts and as recreational sleds for downhill adventures. In this course you will build a birch toboggan that tracks easily behind snowshoes or skis or can be loaded with a number of people for a downhill sledding adventure. The width of the toboggans ranges from 10" to 16" and the length varies from 6 to 12 feet. The slender design is constructed from local woods which students steam bend, shape, assemble and fit for use. The course includes making tuglines for pulling the toboggan behind a snowshoer, skier or dogs. The class also covers the use of the toboggan, use of tuglines and harnesses, hill travel techniques, and loading of the toboggan.

length (days) 2.5 hours Day 1: 5pm-9pm; Days 2/3: 9am-5pm
tuition $245 early bird tuition (6+ wks in advance) $225
materials varies ($150-$200)

Carving Inuit-Style Snow Goggles

Rosemaling: Shaded Telemark Style & Traditions

72 HOURS: Grand Marais & Beyond: Summer Session

new

with Layne Kennedy
7/24/13-7/28/13

72 HOURS is a unique opportunity to photograph and explore the pristine shores of Lake Superior with editorial photographer Layne Kennedy (www.laynekennedy.com). The course is designed for the enthusiastic photographer, amateur or professional, with an emphasis on story-telling with your photography. At the conclusion of the workshop, each photographer will learn to edit and prepare up to 10 images for inclusion into a self-published book of all individual workshop stories. You will explore and photograph the scenic shores of Lake Superior, create portraits of local folks, photograph history of the region at the Fort at Grand Portage, point your lens at the iconic images that identify Grand Marais, and explore the pine-laden Superior National Forest near the picturesque community of Grand Marais. Participants will learn to "light-paint" in numerous situations, developing new techniques to enhance your personal photographic vision.

length (days) 5 hours Day 1: 6pm-9pm; Day 2-4: Sunrise to 5pm; Day 5: Sunrise to 11am
tuition $450 early bird tuition (6+ wks in advance) $425
materials included

painting & photography

painting

- Gubrandsdal Rosemaling
- Rosemaling: Old World-Style Valdres
- Rosemaling: Shaded Telemark Style & Traditions

photography

- 72 HOURS: Grand Marais & Beyond: Summer Session
- Capturing the Frozen Shore: Photographing Lake Superior in Winter
- Hunter's Moon: Night Photography Workshop
- Photography with Seth Kantner
- Superior/Gunflint Photography: Fall Equinox Session
- Wildflower Photography

Capturing the Frozen Shore: Photographing Lake Superior in Winter

with Bryan Hansel
3/8/13-3/9/13

On the north shore, Lake Superior first begins to freeze in March. Waves and wind push the ice against the shore where it piles up into infinite shapes and shades of blue. Combining the unique ice features with winter sea smoke, which rises off Superior only during the winter months, open water, and the sun, makes for one-of-a-kind images. Join instructor Bryan Hansel for a photography workshop along Superior's frozen shoreline. Participants should bring a digital camera, preferably a DSLR, extra batteries, memory cards, a laptop, a sturdy tripod and snowshoes.

length (days) 1.5 hours Day 1: 5-8 pm; Day 2: sunrise-5 pm
tuition $145 early bird tuition (6+ wks in advance) $135
materials included age with adult 14+

Gubrandsdal Rosemaling

with Judy Ritger
9/18/12-9/20/12

This beautiful style of rosemaling (traditional Norwegian painting) originated in the Gubrandsdal valley of Norway. Modeled after the look of the acanthus-style wood carving the valley is also known for, Gubrandsdal rosemaling reflects the three-dimensional appearance of acanthus leaves. Students will practice the basic strokes of the style, and then move to a 12" round design that will fit on a plate or other surface of their choice. This is a fairly challenging style of rosemaling, so it is recommended that students be at an intermediate skill level in other styles before taking this class (see Valdres or Telemark styles offered at North House).

length (days) 3 hours 9am-5pm
tuition $255 early bird tuition (6+ wks in advance) $225
materials included

Hunter's Moon: Night Photography Workshop

new

with Bryan Hansel
10/27/12-10/28/12

When you combine the hunter's full moon, the north shore of Lake Superior and a passion for photography, something interesting and beautiful is bound to happen. In this course, you'll join photography instructor Bryan Hansel in the darkness to capture images of star trails and the full moon over Lake Superior. The light from the full moon will give your images an unearthly and almost daylight feel. During the night we'll also experiment with spinning flaming steel wool, light painting and making light orbs with LED lights. The course starts with a presentation and then heads out into the field after twilight and stays out until after midnight. We'll meet up mid-morning the next day for an image review session. It's certain to be an unforgettable experience.

length (days) 1.5 hours Day 1: 5pm-1am; Day 2: 10 am-1 pm
tuition $145 early bird tuition (6+ wks in advance) $135
materials included

Hunter's Moon: Night Photography Workshop

new

Photography with Seth Kantner

with Seth Kantner
11/17/12

Author Seth Kantner often uses photos to supplement his essays, helping to frame the reader's imagination so that the story can emerge. In this one-day workshop, you will learn about cold-weather photography, light metering, focus, aperture, various lens lengths, and what to do when surrounded by caribou. Students will learn elements of the photograph: angles, repetition, depth of field, rule of thirds, cropping, and also the use of accessories including tripod, flash, editors, and any friends with connections to get your amazing photographs published right beside your words. Bring your camera. Students may wish to take "Traveling By Pencil," a two day writing workshop with Seth Kantner.

length (days) 1 hours 9am-4pm
tuition $95 early bird tuition (6+ wks in advance) $85
materials included

Rosemaling: Old World-Style Valdres

with Mary Schliep
10/12/12-10/14/12

Rosemaling is a decorative painting style which originated in Norway where it traditionally decorated churches, homes and farmhouse interiors. The Valdres style of rosemaling originated in the Valdres valley and is known for its strong floral motif. This course emphasizes the basic techniques of painting these traditional floral bouquets. You will apply your skills to decorating a plate and a Christmas tree ornament. Students interested in building an even more solid base of skills are encouraged to register for the optional fourth day of instruction for $50.

length (days) 3 hours 9am-5pm
tuition $255 early bird tuition (6+ wks in advance) $225
materials $10
age with adult 15+

Rosemaling: Shaded Telemark Style & Traditions

with Mary Schliep
5/24/13-5/27/13

Rosemaling means "rose painting" in Norwegian, and the Telemark region in southeastern Norway is known for the classic look of its painting with asymmetrical scrolls and varied placement of leaves and flowers. In this course you'll study and practice basic techniques of this traditional decorative painting style. You will decorate a plate and then apply the same techniques to the creation of Christmas ornaments. Plenty of one-on-one instruction is provided. Students interested in building a solid base of skills are encouraged to register for the optional fourth day of instruction for $50.

length (days) 3 hours 9am-5pm
tuition $255 early bird tuition (6+ wks in advance) $225
materials $10
age with adult 15+

Photography with Seth Kantner

72 HOURS: Grand Marais & Beyond: Summer Session

Superior/Gunflint Photography: Fall Equinox Session

with Layne Kennedy
10/3/12-10/7/12

Capturing inspiring images of the spectacular fall colors and the rugged landscape of the North is the focus of this fall session. The course offers a unique opportunity to experiment with and explore both digital and 35mm photography with magazine photographer Layne Kennedy. You'll devote time exploring Superior's shoreline, combing through colorful boreal forests, hiking rivers and discovering the picturesque community of Grand Marais. Primary medium is the 35mm digital camera. The course concludes with each photographer presenting photos to the group. Workshop participants should be prepared with 35mm digital cameras with a variety of lenses. Participants should bring their own cameras, laptop, and media flash cards with abilities to download images and burn CDs on location.

length (days) 5 hours Day 1: 6pm-9pm; Day 2-4: Sunrise to Sunset; Day 5: Sunrise to 11am
tuition $450 early bird tuition (6+ wks in advance) $425
materials included

Wildflower Photography

with Bryan Hansel
6/14/13-6/15/13

Wild strawberry, wood anemone, bunchberry, hawkweed, blue flag iris and lupine are a few of the many flowers blooming in the northwoods during June. The boreal forest feels vibrant with green, and although you can't capture smells in photos, the woods smells of pine sap. It's the perfect time to spend a day in the woods capturing photos of flowers. During the workshop, professional photographer Bryan Hansel teaches techniques for taking your macro images from a simple picture of a flower to dreamy fine art while emphasizing the emotion of discovery. Participants should bring a digital camera, a macro lens, memory cards and extra batteries.

length (days) 1.5 hours Day 1: 5-8 pm; Day 2: sunrise-5 pm
tuition $145 early bird tuition (6+ wks in advance) $135
materials included
age with adult 10+

Sail Training Trip: Isle Royale Circumnavigation

Lake Superior Coastal Navigation: Traditional and Electronic Methods

with Ted Gephart
12/1/12

Get yourself oriented to the 'rules of the road' and learn the basic navigational skills needed for safe boating on coastal waters from certified U.S. Coast Guard instructor Ted Gephart. This classroom-based course covers safe boating topics that apply to any boater including both power and sail. You'll learn to use charting methods including traditional methods such as dead reckoning and modern methods using GPS and radar. This course is great for new boat owners of all types as well as experienced boaters wishing to refresh their navigational skills.

length (days) 1 hours 9am-4:30pm
tuition $75 early bird tuition (6+ wks in advance) $65
materials included
age with adult 12+

Ropework: Knot Tying Workshop

with Ted Gephart
6/21/13

Can you tie down that canoe? Lash up those sails? Throw a half hitch around the docking lines? Spend the day learning the craft of knot work and open the door to an indispensable skill that will last a lifetime. This course begins by introducing landlubbers and sailors to rope work used aboard traditional and modern vessels and progresses to learning the 15 knots everyone needs to know. You will learn to tie whippings, bends, hitches, lashings and splices...and know what to do next time someone asks you to show them your bowline.

length (days) 1 hours 9am-4pm
tuition $85 early bird tuition (6+ wks in advance) $75
materials $15
age with adult 8+

sailing

Lake Superior Coastal Navigation: Traditional and Electronic Methods

Ropework: Knot Tying Workshop

Sail Training Trip: Isle Royale Circumnavigation

Sew a Bag: Sailor's Ditty or Sailcloth

Sew a Bag: Sailor's Ditty or Sailcloth

Sail Training Trip: Isle Royale Circumnavigation

with Mark & Katya Gordon
6/16/13-6/25/13

In the northwestern portion of Lake Superior is a unique and remote island archipelago. Isle Royale National Park preserves 132,018 acres of land that were federally designated as wilderness on October 20, 1976. The park consists of one large island surrounded by over 450 smaller islands, located in the largest fresh water lake in the world. Isle Royale's unique ecosystem led to it being designated an International Biosphere Reserve in 1980. Set sail for an adventure that only miles of wilderness, a seaworthy sailboat, and a seasoned captain can provide. NHFS is partnering with Amicus Adventure Sailing to provide a 10-day circumnavigation of Isle Royale. The island provides an ideal setting to bring you into a world without cell phones and other modern "conveniences." The hundreds of secluded bays and inlets around Isle Royale are ideal for exploring from a sailboat, and we will also bring two kayaks and a rowing dinghy for exploring the bays and streams around our anchorages and accessing the hundreds of miles of hiking trails that lace the island. Bring your sense of adventure and get ready to discover one of Lake Superior's most precious gems as we sail, kayak and hike our way around Isle Royale National Park.

As a participant you will have the total sailing experience: from sail handling to navigation and anchoring you will have the opportunity to participate in all aspects sailing and cruising Amicus II. There will be plenty of time for hiking the trails and exploring the bays and streams by kayak and dinghy. Discussion topics throughout the trip include the unique eco-system of Isle Royale, the biology and geology of Lake Superior, fish and exotic species, and the rich history of the island.

By the end of this adventure you will have developed a new appreciation for the lake, formed a unique bond with your shipmates, and gained some incredible sailing experience. This course is open to children (ages 13+) but the tuition rate is the same as adults. Maximum group size is four, discounted rate for groups of 4.

length (days) 10 hours Day 1: 5pm start; Final Day: 5pm finish
tuition $1550 $1550-$2100 single berth; $3300-$3800 sharedearly bird tuition (6+ wks in advance) $1550
materials included age with adult 13+ at full price

Sew a Bag: Sailor's Ditty or Sailcloth

with Ted Gephart/Karen Anderson
11/16/12-11/17/12

Sew up the perfect utility bag for whatever handy purpose you imagine. The same skill set and materials required to maintain traditional sailing vessels are reflected in the traditional sailor's ditty bag. A sewn canvas 'bucket' held the tools of the traditional mariner. The classic maritime look comes from using leather, sail canvas and seams hand sewn with the tools of the sailmaker. In this class, you will design, cut and sew (using both hand sewing and machine sewing) your own bag custom fit for your tools. Whether used for home, work, school, gardening, knitting or carving, you'll learn the techniques to sew a gracious and classic-looking utility bag. Students may choose to hand sew their own grommets or incorporate brass hammered ones and tailor additional pockets and accessories to match their desired outcome. Students will chose from 2 projects; a canvas sailor's ditty bag or a sail cloth bag in a similar style.

length (days) 1.5 hours Day #1 - 9am-5pm; Day #2 - 9am-noon
tuition $110 early bird tuition (6+ wks in advance) $95
materials varies ($15-$50)

Sail Training Trip: Isle Royale Circumnavigation

Yurt Building: Design and Construction

Build Thoreau's Cabin

with Randy Schnobrich

9/5/12-9/9/12

Pick up your hammer! This course is designed for students with little or no building experience who want to build a small cabin or workshop. The techniques for building a small frame building are not only for the skilled carpenter; nearly anyone can come away from this course with the skills needed for building virtually any small structure. Jack studs to joists, fly rafters to d-edge, birds' mouths to top plates -- students will learn the use of basic hand and power tools, and develop knowledge of the materials and techniques used in frame or "stick" construction. Together, students will construct a 10' x 14' cabin based on Henry David Thoreau's "Walden" cabin, with an added sleeping loft.

length (days) 5 hours 9am-5pm
tuition $400 early bird tuition (6+ wks in advance) $375
materials included

Dovetail Log Cabin: Builder's Workshop

with Lonnie Dupre

5/23/13-5/26/13

Want to learn the classic dovetail log home construction technique, also known as American heritage or Appalachian log homes? This course provides the opportunity for students to learn by constructing an 8'x8' shelter with a 4' porch out of 4"x8" pine timbers from foundation to roof, including window and door placement and framing, that can be outfitted as a small guest cabin or sauna. This course will begin with discussions on building strategies and foundations, a site visit to a finished dovetail cabin in Cook County, hands-on application of dovetailing and milling timbers, a how-to-chink session and techniques for cutting in and framing doors and windows. Whether you're a potential do-it-yourself home or cabin builder, or an experienced contractor looking to expand your skill set, this workshop covers all the techniques to get you on your way to a successful building project.

length (days) 4 hours 9am-5pm
tuition $360 early bird tuition (6+ wks in advance) $340
materials included
age with adult 16+

shelter

Build Thoreau's Cabin
Dovetail Log Cabin: Builder's Workshop
Dovetail Log Sauna/Cabin: Build Your Own
Handcrafting Doors: From Stiles to Rails
Masonry Heater Building Workshop
Yurt Building: Design and Construction

Dovetail Log Sauna or Cabin: Build Your Own

with Lonnie Dupre

10/25/12-10/28/12
4/25/13-4/28/13

Traditional dovetail log homes, also known as American heritage and Appalachian log homes in the United States, began to emerge in the 1700s as a sturdy abode of our ancestors. The walls were traditionally made of logs hand hewn square into timbers with approximately 6" x 12" profiles and joined at the corners with a weather-resistant half-dovetail notch. This authentic design allows the weight of the building to pull the timbers tightly together for stout, tight joinery. The spaces between the timbers back then were filled with an array of clay, mortar, moss or oakum. Today's construction includes varied thicknesses of foam backing rod and flexible latex chinking. The rustic dovetail joinery and white pine timbers are reflective of the quality construction of those bygone days.

This Build Your Own option allows you and your friends/family the option to build your own 8' x 8' white pine dovetail sauna or writer's cabin, including a 4' porch OR the northwoods retreat cabin, a 10'x16' dovetail cabin. Tuition covers instruction and all materials, including 6"x10" white pine timbers, chinking and use of specialized dovetail framing tools. The shelter may be built by individual students, however, working with multiple partners (up to 6) on the project is welcome and encouraged.

length (days) see below hours 9am-5pm
- Sauna or Writer's Cabin:
  8' x 8' (with a 4' porch) ' - $4,070: 4 days
- Northwoods Retreat Cabin: 10' x 16' - $7,250: 6 days

Handcrafting Doors: From Stiles to Rails

with Randy Schnobrich

2/2/13-2/3/13

Doors play a role in everyone's day-to-day life, whether solid, windowed or screened. They do everything from keeping the weather out to guarding our belongings. In this course, you'll learn about the basic techniques of door construction. Styles include a basic interior door (32" wide) and a screen door (36" wide). If time allows, cabinet doors will also be discussed. Each day will include the use of a table saw for material preparation and mortise-tenon joinery. Interested students have the opportunity to purchase the completed doors (approx $125/door) at the end of the weekend.

length (days) 2 hours 9am-5pm
tuition $150 early bird tuition (6+ wks in advance) $130
materials included

Dovetail Log Cabin: Builder's Workshop

nuts & bolts
volunteering

We love our volunteers! Opportunities are endless, from events to painting projects. Just let us know how you'd like to pitch in!

Masonry Heater Building Workshop

with Eric Moshier

1/24/13-1/27/13
2/7/13-2/10/13

Masonry heaters originated in Northern Europe where winters were cold and fuel wasn't always plentiful. The natural response? Create a wood-fired presence that was at once incredibly efficient and highly attractive, capable of generating abundant heat and ideal for cooking/baking. Masonry heaters are built with fire bricks and utilize their high mass to radiate heat for 12 - 24 hours, a feature which means they only need to be fired once or twice per day. Students in this course will build a classic Finnish masonry heater (approx 36" wide x 31" deep and 72" high). Bricks will be laid with clay, rather than mortar, as the heater will be disassembled at the end of class. Students will experience and discuss heater design, sizing options, brick selection, oven integration, door and hardware installation, code considerations, and tool use. An exterior finish of clay brick will be utilized. Stucco and clay plaster options will be discussed, as will larger heaters capable of heating spaces up to 2,500 sq. ft., and masonry cook stoves. In addition to designing and building, students will learn to fire the heaters to maximize efficiency and will experiment with the student-built masonry oven located on the North House Folk School campus. The materials fee includes a complete resource packet (allowing students to return home and start their own project) and the resources used during class for the building process.

length (days) 4 hours 9am-5pm
tuition $360 early bird tuition (6+ wks in advance) $340
materials $60 age with adult 14+

Yurt Building: Design and Construction

with Matthew Brown/Ian Andrus/Jim Ouray

10/12/12-10/15/12

Whether you're looking for a spare bedroom, office, studio, tent, sauna, summer cabin, or just looking to reduce your footprint, the Yurt may be your answer. Yurts are ancient, portable shelters and one of the classic inventions of human history: simple, efficient, easy to heat, sturdy, and beautiful inside and out. In this course, students will work together to build a 14' diameter yurt, and will cover the basic principles of yurt design and construction. This includes constructing the wooden framework and stitching the fabric cover, building the rafter ring, windows, door options, a stovepipe thimble, and carrying bags. When completed, students will have the experience and skills necessary to construct a yurt of their own. The team of instructors and small class size ensures that each student will get hands-on experience with all parts of the process. Once built, the yurt will be for sale to interested students at a set price (a raffle will take place on the final day if multiple students are interested).

length (days) 4 hours 9am-5pm
tuition $380 early bird tuition (6+ wks in advance) $360
materials included

888-387-9762

Natural Botanicals: Wild Medicine Workshop

Grafting & Growing Your Own Apple Orchard

with Lindsay Lee

3/9/13

Grafting fruit trees is a craft that dates to 2000 B.C. and was commonplace among the ancient Greeks. Yet today, precious few gardeners practice grafting in their own orchards. Learn how simple this useful skill really is and use it at home to enlarge your orchard, collect antique varieties, or to give an old tree new life. Students will learn about various methods of grafting and will complete up to five grafted trees to take home with them. Bring your own scion cuttings if you'd like, or the instructor will have several choices on hand from the heritage orchard at the Seed Savers Exchange in Decorah, Iowa (cost is included in your materials fee). The second half of this day will be spent with a discussion of apple culture, covering planting, pruning, and pest control . Then we'll put a smooth finish on the day with a bit of cider tasting. Grafting your own orchard is one of the most rewarding undertakings a homesteader can do.

length (days) 1 hours 9am- 4 pm
tuition $75 early bird tuition (6+ wks in advance) $70
materials $35
age with adult 14+

sustainable living

Grafting & Growing Your Own Apple Orchard
Green Medicines
Herbal Healthcare for Winter
Herbalism Apprentice: Beginner's Botanical Medicine, Self Care to Community
Natural Botanicals: Wild Medicine Workshop
Complete Seed Saving

more details, more photos: www.northhouse.org

Green Medicines
with Gigi Stafne
5/4/13
This course could also be called "down to the ground medicine." When what was once considered an alternative is being recognized as true tradition, a certain shift is happening! Earth medicines from wild edibles to green salves and spring tonics will be introduced and explored through hands-on opportunities for making teas, restorative recipes and herbal remedies. Each student will learn to identify the plants within your own ecosystem to restore sustainability and simplicity in life and home.
length (days) 1 hours 9am-5pm
tuition $75 early bird tuition (6+ wks in advance) $65
materials $20 age with adult 14+

Herbal Healthcare for Winter
with Gigi Stafne
11/10/12-11/11/12
11/16/13-11/17/13
Discover holistic ways to deal with the chills and ills that accompany Old Man Winter and help ease discomforts associated with the common cold. Boost and build your immunity... naturally. Learn about preparatory winter nutrition and cleansing/detoxifying your body. There will be hands-on opportunities for making teas, restorative recipes and herbal remedies as well as tips on learning to listen to your body to determine what it needs. Get ready before the snow flies and go home well-prepared and stocked for the coming winter season.
length (days) 2 hours 9am - 4pm
tuition $150 early bird tuition (6+ wks in advance) $130
materials $20 age with adult 14+

new
Herbalism Apprentice: Beginner's Botanical Medicine, Self Care to Community
with Gigi Stafne
10/26/12-10/28/12
Desire to be more self-sustainable with your health care and home? Dipped your toes into the deep waters of herbalism, and ready to learn more? Combine the intuitive art and solid science of botanical medicine, apprenticing with a Master Herbalist for an intensive weekend. Core components include: foundations in natural & botanical medicine, cross cultural herbalism, herbs for the life cycle, top twenty herbs in North America, botanicals not only for physical health, but for contemporary life stressors such as stress, anxiety, depression, and environmental factors. Learn to create your own herbal apothecary and take home handcrafted preparations including teas, tinctures, lotions, oils and flower essences. This course is a special offering certificate level; a strong pathway and prerequisite for those who desire to pursue a future degree in Master of Herbalism.
length (days) 3 hours 9am-5pm
tuition $255 early bird tuition (6+ wks in advance) $225
materials $45 age with adult 14+

"it's a special place and a very special opportunity."
- from a student evaluation form

Grafting & Growing Your Own Apple Orchard

Natural Botanicals: Wild Medicine Workshop
with Gigi Stafne
7/13/13-7/14/13
Explore nature-based green medicines in this intensive botanical class. You'll discover a bounty of foods and plants to use during the seasons and cycles of plant life to create your very own natural medicine kit, including over 30 botanical and herbal mixes and applications. The course tailors to individual needs as we investigate specific applications of green medicines that resonate with your body type. Learn how the solar and lunar cycles affect optimal wellness and craft herbal blends for cleansing and detox purposes useful in the sauna or during meditation. Both wild and cultivated plants will be covered.
length (days) 2 hours 9am-5pm
tuition $150 early bird tuition (6+ wks in advance) $130
materials $40
age with adult 14+

new
Complete Seed Saving
with Grant Olson
4/19/13-4/20/13
In the days before seed catalogs, collecting and saving seeds for the next year's garden was essential. Today, seed saving plays a critical role in preserving rare, heirloom varieties and the garden heritage they represent. Join Seed Savers Exchange to discuss the complete process of seed saving - from garden planning to seed processing - and learn how to participate in this backyard preservation. We will explore plant pollination, plan our home gardens, investigate differences between open-pollinated and hybrid seed, practice threshing, winnowing, and fermenting seeds, and build our own seed screens for processing and drying. Seed swap to follow.
length (days) 1.5 hours Day 1: 5-8pm Day 2: 9am-5pm
tuition $115 early bird tuition (6+ wks in advance) $100
materials varies ($20-$40)
age with adult 15+

Basic Timber Framing

new
Architectural Hand Drawing
with Tom Westbrook
3/1/13
In the days before CAD programs, architectural design meant time spent at a drafting table with pencils and erasers. Though the delete button has replaced the eraser in most cases, the skills needed to render these drawings remain useful. Architectural hand drawing introduces students to creating and using measured scaled plan, section and elevation drawings for architectural investigation and design. Using a T-square, triangles, an architect's scale and tape measure, students will measure and make scaled orthographic drawings of an existing space. Using tracing paper we will refine our drawings adding details and corrections and learn to develop sections and elevations from plans. We will also examine axonometric projections, especially useful for examining and explaining joints.
length (days) 1 hours 9am-5pm
tuition $85 early bird tuition (6+ wks in advance) $75
materials included age with adult 12+

timber framing

build your own
Timber Frame: Build Your Own, Larger Frames
Timber Frame: Build Your Own, Smaller Frames (Tiny Home, Sauna or Outbuilding)

learn the techniques
Architectural Hand Drawing
Basic Timber Framing
Grindbygg: Norwegian 'Trestle Frame' Timber Framing
Introduction to Timber Frame Engineering: Design it , Make it & Break it
Raise a Timber Frame: Unplugged XI Mini-Course
Timbered 'Red' Entryway: Handcut Joinery Service Learning Project

Basic Timber Framing
with Peter Henrikson
6/13/13-6/17/13
Learn the planning, layout and joinery necessary to construct a traditional timber frame (post and beam) structure, such as North House's blacksmith shop, bread oven shelter, fish house classroom and other structures around campus. The course begins with the basic mortise and tenon joint, and then expands on these techniques to cover through-tenons, shouldered mortises and scarf-joinery. In both thorough classroom sessions and hands-on experience, you will explore the use of traditional tools and techniques of timber framing as well as adaptations using common and specialized modern tools. We will also discuss foundations, enclosing the frame, wiring and plumbing issues, and basic frame and joinery design. The course culminates with the raising of a full-sized timber frame completed by the group on the final day of class.
length (days) 5 hours 9am-5pm
tuition $450 early bird tuition (6+ wks in advance) $425
materials $30

new
Grindbygg: Norwegian 'Trestle Frame' Timber Framing
with Peter Henrikson
2/25/13-3/1/13
Did the Vikings build timber-frames? Yes, as a matter of fact, they did. Join in a 3,000 year old tradition and take up your tools to try Grindbygg-style timber-framing. The oldest construction method known in Norway, and archeological evidence suggests the style was in common use in the Viking era (790-1066 AD). Up until the early 20th century, Grindbygg frames were common in western Norway as unheated outbuildings: barns, boathouses and storehouses. Recently there has been renewed interest in preserving this building technique and there are numerous builders in western Norway constructing Grindbygg frames, mostly for outbuildings and carports.

The basic form of a Grindbygg frame is similar to many European and American timber frames: posts held together by tie beams and topped by wall plates supporting common rafters. Yet there are no mortises or tenons. The tie beam sits in a slot cut into the top of the post – a bridle joint. The "plate" sits on the tie beam and against the top of the post. All the bracing is let into the sides of the wall timbers and pegged. Braces are commonly made from naturally curved birch or root knees.
length (days) 5 hours 9am-5pm
tuition $450 early bird tuition (6+ wks in advance) $425
materials $25

new
Intro to Timber Frame Engineering: Design it, Make it & Break it
with Joe Miller
2/28/13-3/1/13
Starting with a basic overview on how to determine the forces one can expect a traditional timber frame structure to see over the course of its lifetime, the course focus will transition into sizing individual timber beams, as well as basic joinery and connection design. For a bit of practical tie-in, we will also (individually or in pairs) design a basic timber frame joint, calculate its allowable design strength, and then actually cut it. We will follow this up by busting the joints by pulling them apart using a hydraulic load frame, with friendly bragging rights awarded for the best prediction of strength and best capacity. Experience in design or fabrication of timber frames is not required, but basic math skills will be handy. There will be something to learn for beginners up through experienced framers.
length (days) 2 hours 9am-5pm
tuition $160 early bird tuition (6+ wks in advance) $150
materials varies ($25-$55)

Raise a Timber Frame: Unplugged XI Mini-Course
with The Staff of North House Folk School
9/13/12
9/14/12
Always been curious about timber-framing? This ancient and beautiful style of building is a hallmark of the North House campus. In this mini-course, you'll learn the basics by touring several timber-framed buildings, trying your hand at ancient and modern timber-framing tools, and raising an actual frame. Working with a group of students, you'll raise North House's Teaching Frame, a small timber frame designed to teach the basics of mortise and tenon joinery, and allow first-hand experience in the joy of a community working together.
length (days) 0.25 hours Morning Session: 10 am- noon; Afternoon Session 1:00-3:00
tuition $30 early bird tuition (6+ wks in advance) $30
materials included
age with adult 12+

Timber Frame: Build Your Own, Larger Frames
with Peter Henrikson
5/7/13-5/18/13
8/15/13-8/26/13
This course offers students the opportunity to immerse fully in the craft of timber framing by building a larger and/or a custom-designed timber frame structure. Whether creating a getaway cabin, woodshop or retirement home, the beauty and durability of a timber frame structure offers a unique opportunity to literally build your own home.

To participate in this course, students select from a list of stock full-sized frames or custom design a building to meet their individual needs. To make the larger projects possible, students also recruit a group of assistants who journey to North House together to participate in the project. Interested students will consult with the instructor to determine scheduling and project timeline.

During the first days of class, participants engage in lessons on timber frame terminology, joinery and layout. Working together, the group of family or friends actively cut timbers for the structure every day. Ultimately, students complete all or most of the joinery on the structure and develop timber framing skills that will last a lifetime. Near the completion of the course, a raising rehearsal demonstrates pre-assembly and raising techniques.

Students may choose from a variety of base/stock frame of different sizes or may develop their own custom frame. Every project includes a complete set of timber frame plans. The plan set includes 3-D and 2-D views of the frame, detailed drawings with a 3-D view of each timber as well as a timber list. Tuition and course length varies depending on frame and group size (minimum six participants).

Some prior exposure to timber framing is recommended but not required. Custom course dates are created for each project and each group of students. Given this, advance planning and scheduling is essential. Separate tuition payment & cancellation policies apply to this course.
length (days) 10 or more hours 9am-5pm
- 16'x24' with loft – approx. $9,750
- 28'x24' with loft – approx. $12,500
- custom frames – tuition and design fees vary based on project

*Options for Forest Stewardship Council certified timbers or reclaimed timbers are available, please request more information

Timber Frame: Build Your Own, Smaller Frames (Tiny Home/Sauna/Outbuilding)

with Peter Henrikson
7/13/13-7/21/13

Tired of unimaginative, small outbuilding kits available from your local lumberyard? Explore all the basic elements of timber frame construction and take home a hand-crafted building. More than 100 timber frame buildings have been built and raised throughout the country by North House students since 1997.

During the first days of class, participants engage in interspersed lessons on timber frame terminology, joinery and layout. As the course progresses, each day prioritizes students actively cutting timbers for their structure. Ultimately, students complete all or most of the joinery on the structure and develop timber framing skills that will last a lifetime. Near the completion of the course, a raising rehearsal demonstrates pre-assembly and raising techniques. All that's left is to load the timbers into a truck or trailer and then raise the building at home.

The Build Your Own course emphasizes smaller timber frame structures that can be completed in a single session (for larger frames see Custom Built). Students may choose from a variety of different stock frames that vary in size. Tuition and course length varies depending on the frame selected. Students may work alone or with a partner on their frame.

Tuition covers instruction and all materials, including timbers and pegs, as well as use of specialized timber framing tools. Traditional and modern tools will be used and/or demonstrated during the course. The frames listed above are often completed by individual students; however, working with a partner on the project is recommended for the larger projects. Plans are provided for all of the standard North House frames. Separate tuition payment & cancellation policies apply to this course.

length (days) varies, see below hours 9am-5pm
· 10'x12' - 7 days - $1,995
· 10'x16' - 9 days - $2,495
· 13'x13' Sauna - 14 days -$3,595 (one assistant required)
*Options for Forest Stewardship Council certified timbers or reclaimed timbers are available, please request more information

Timbered 'Red' Entryway: Handcut Joinery Service Learning

"opened and stimulated my imagination to go further."

- from a student evaluation form

Timbered 'Red' Entryway: Handcut Joinery Service Learning Project

with Peter Henrikson
4/18/13-4/21/13

Sharpen your chisel and get out your auger bits - this Service Learning Project is for timber framing enthusiasts aspiring to polish up their hand skills working timbers. On the agenda: cutting timbers for new covered front entryways on the Red Building. Given the unique and highly visible location on campus, we want the project to both tell the story of timber framing and underscore North House's commitment to handcraft. Anticipate spending abundant time using traditional timber framing tools including cutting with hand saws, mortising with beam drills, utilizing slicks and chisels, shaping with draw knives & spoke shaves, etc. Sharpen your tools, pack your tool bag and be part of North House's 'Raise the Roof' efforts, helping make campus an ever-more inspiring place to learn! Past North House timber framing students and other experienced woodworkers with timber framing aspirations are urged to participate. The frames will be raised the last day of the class.

length (days) 4 hours 9am-5pm
tuition $100 includes lunch each dayearly bird tuition (6+ wks in advance) $100 materials included
age with adult 16+

Hookers & Spooners: Working in Horn, Bone, Antler

Hookers & Spooners: Working in Horn, Bone, Antler

with Harley Refsal
11/13/12-11/15/12

Fishhooks to spoons, flutes to waterproof containers. Cowhorn, bone and antler have served as valuable materials for northerners since the Stone Age. Each is surprisingly workable once the characteristics of each material are understood. These were the plastics of the pre-industrial age...soft and malleable when heated, hard and consistent when cooled. These intriguing mediums offer a rich and historic arena for exploration and learning. In this course Harley Refsal weaves together history, archaeology, cultural studies, art, and some modern science as we create historic spoons, utensils, a Stone Age-inspired fishhook and decorative jewelry.

length (days) 3 hours 9am-5pm
tuition $240 early bird tuition (6+ wks in advance) $225
materials varies age with adult 12+

Raku Pottery Experience

with Kristi Downing
9/1/12

Experience the thrill, alchemy and magic of the ancient pottery process called "raku." Making pots is typically a multi-step process that takes time and patience. This class is for those who want immediate gratification with an extravagant outcome! A variety of pots will be ready for students to glaze and fire in the raku kiln, then the drama begins. Watch your red hot pot come out of the kiln, go into chambers of sawdust and newspaper and immediately burst into flames. After about 15 minutes, we plunge them into icy Lake Superior water and scrub away the soot to reveal the amazing colors and crackles underneath. By the end of the day, students will have at least two one-of-a-kind artworks to take home. Participants will pay the instructor the materials fee ($15-$40) during class.

length (days) 1 hours 9:30am-4pm
tuition $80 early bird tuition (6+ wks in advance) $75
materials varies $15-$40 per pot (paid day of class)
age with adult 15+

traditional crafts

- Hookers & Spooners: Working in Horn, Bone, Antler
- Raku Pottery Experience
- Soap Making: The Old Fashioned Way
- Stilt Walking & Building
- Wirework: Swedish Luffarslöjd
- Woodblock Printmaking
- Wreath Weaving: The Traditional Balsam Bough Wreath

Soap Making: The Old Fashioned Way

with Jeanne Wright
1/26/13
4/27/13

Soap - so simple, yet so misunderstood. Have you ever pondered the ingredients contained in a typical bar of soap? Petroleum distillates, sulfates, and many other unpronounceable additives. Whatever happened to that good ol' fashioned soap that Grandma made? Using the same ingredients Grandma used, animal fat and lye, learn how to make gentle, natural soaps, and explore the history and science of this cleanser. You'll leave with at least two varieties of handmade soap, information and resources, and plenty of experience to make soap at home.

length (days) 0.5 hours 9am-1pm
tuition $55 early bird tuition (6+ wks in advance) $45
materials $12
age with adult 12+

new Stilt Walking & Building

with Jim Ouray
10/20/12

Your family may already feel like a three ring circus, but after this workshop, you'll be able to rise above it all (and have some fun!) on your very own pair of stilts. You'll spend the morning building a pair of stilts in the circus style using simple woodworking skills, some bike tire and ingenuity, and then spend the afternoon learning to walk like the pros. Instructor Jim Ouray and his sons Otis and Andrew have years of experience teaching kids and grown ups of all ages to strut their stuff on stilts, and they will have you safely and comfortably on your feet in no time (you may recognize them from Summer Solstice Pageants, May Day parades and the Running of the Smelt). All students are encouraged to make stilts, but adults may opt for an assistant role. Adult-child combined tuition $131.25 early bird/ $148.75 regular.

length (days) 1 hours 9am-4pm
tuition $85 early bird tuition (6+ wks in advance) $75
materials $25 per pair of stilts
age with adult 6+ with adult; or 14+ unaccompanied

Wirework: Swedish Luffarslöjd

with Kurt Mead/ Betsey Mead
1/26/13-1/27/13

Luffarslöjd, or Swedish wire craft, is experiencing a renaissance in Sweden, with items for sale at every market and konsthantverk craft shop. A wide variety of household and decorative items can be made with inexpensive wire, which is why it was so widely practiced by Swedish vagabonds during the early 20th century. Although there are many traditional luffarslöjd items, there seem to be no rules to the craft, with designs and intricacies limited only by the crafter's imagination. Some traditional items include egg-beating whisks, trivets, baskets, candleholders. coat hooks and jewelry. Course participants will choose from a variety of projects which will be created using traditional tools and materials.

length (days) 2 hours 9am-5pm
tuition $150 early bird tuition (6+ wks in advance) $130
materials $17
age with adult 10+

"i feel capable of doing this myself!"

- from a student evaluation form

Woodblock Printmaking

Wreath Weaving: The Traditional Balsam Bough Wreath

with David/Lise Abazs
12/1/12

Spend a cozy, wintry day on the Round River Farm in Finland, MN (48 miles SW of Grand Marais), an inspirational homestead environment, as you learn to create a hand-woven, balsam-based holiday wreath from start to finish. Use forest materials harvested in a sustainable fashion and learn specialized weaving techniques to create fresh, natural greenery wreaths, unadulterated by waxes, paint or artificial scents. We will learn how and when to cut greens, what particular materials you will need and how to weave these greens into a circular form. Your efforts will provide you with a wreath to take home.

length (days) 0.5 hours 9 am- 1 pm
tuition $65 early bird tuition (6+ wks in advance) $60
materials $10
age with adult 13+

Woodblock Printmaking

with Nick Wroblewski
5/10/13-5/12/13
5/17/13-5/19/13

Woodblock printing is one of the oldest ways of creating multiple images. Through the tactile process of literally "carving" imagery, this workshop will investigate the methods of relief woodblock printmaking. This course is an introduction to the basics of creating a multi-color woodblock print. Techniques covered will include transfer, carving, reduction, and multi-block methods, simplifying the seemingly complicated world of layers, woodcarving, reversed imagery, registration and printing. Co-hosted with the Grand Marais Art Colony and the Besty Bowen studio, this course will utilize a professional printing studio, allowing students to learn hand printing techniques as well as techniques that utilize a manual printing press. Students will also be encouraged to discuss imagery, abstraction and conceptual intent. Embark on the adventuresome process of creating a unique, colorful image through woodcarving!

length (days) 3 hours 9 am- 5 pm
tuition $275 early bird tuition (6+ wks in advance) $255
materials $60

Timber Carving: Classic Posts for the Northern Home

Carving the Cree Hunter's Shovel

with Jarrod StoneDahl

11/16/12-11/18/12

The snow shovel has been essential to survival in the north for untold millennia. The materials have changed, but the design has remained more or less the same: sturdy, lightweight and efficient. Inspired by the 1974 documentary film "Cree Hunters of the Mistassini," you will use simple, ancient methods to craft a very useful snow shovel from a birch log. Using the axe and crooked knife, you'll learn techniques that can be applied to canoe paddles, snowshoe frames and other woodworking projects as well. Leave with new skills and a new shovel to inspire your snow removal efforts throughout the long winter.

length (days) 2.5 hours Day 1 & 2 9am-5pm; Day 3: 9-noon
tuition $185 early bird tuition (6+ wks in advance) $160
materials $28

woodcarving

Carving the Cree Hunter's Shovel
Chip Carving: An Introduction
Cut-out Relief Carving; Scandinavian Themes
Just a Spoonful: Wooden Spoon Carving Traditions
Kolrosing: Decorative Line Carving
Letters, Numbers & More: Incise Carving
Relief Carving: An Introduction
Scandinavian Style Flat-Plane Carving: Continuation
Scandinavian Style Flat-Plane Figure Carving
Timber Carving: Classic Posts for the Northern Home
Wood Carving Tutorial
Yokes on You

Chip Carving: An Introduction

with Judy Ritger

9/22/12-9/23/12

Take a chip off the old block—try your hand at chip carving! This centuries-old form of decorative carving is easily mastered and requires only basic tools. Students will first draw a design on a wooden object (wooden plates and practice boards will be provided), then, using a special chip carving knife, they will remove precise, geometric chips of wood to create a decorative design in the wood's surface. Chip carving can be adapted to create designs that are strictly geometric in nature, or used for more natural, free form designs. Have something wooden that could use some decoration? Feel free to bring your own wooden object to class. Soft woods like basswood work best.

length (days) 2 hours 9am-5pm
tuition $170 early bird tuition (6+ wks in advance) $150
materials $16

new Cut-out Relief Carving: Scandinavian Themes

with Bruce Futterer

7/5/13-7/7/13

Here's your opportunity to develop your relief carving skills alongside national award-winning carver Bruce Futterer while also exploring Scandinavian traditions. In this class, you will work from a cutout blank to create a relief carving. A third day has been added to this course to offer students more time to experiment with finishing techniques and to start an additional project. By the end of this course, students will have enjoyed multiple relief carving projects and utilized finishing stains, paints and waxes. Students unable to stay for three days may choose to stay for just day 1 and 2 (tuition $130/$150). The instructor will have a large variety of tools availble for students to use.

length (days) 3 hours 9am-5pm
tuition $225 early bird tuition (6+ wks in advance) $195
materials varies ($20-$30)
age with adult 14+

Just a Spoonful: Wooden Spoon Carving Traditions

with Fred Livesay

10/5/12-10/7/12

Scandinavia and other countries have folk traditions of carving spoons for home use and as gifts. This three-day class continues this art and craft. Spoon carving opens the door to a host of other woodcraft skills using axes and knives. The focus of this class is to develop the student's confidence in the use of an axe and knife for roughing and finishing of a beautiful, durable, and usable wooden spoon. The morning of the first day will be spent in the forest gathering birch wood suitable for carving spoons. Upon returning to North House, students will carve butter spreaders to familiarize themselves with traditional knife strokes, wood grain and carving techniques. The remaining two days will be devoted to roughing out, carving, and finishing an eating spoon and completing one or two spoons depending on time and chosen projects. Other aspects of the class will cover sharpening, design, decorating and finishing. Beginners and experienced carvers are welcome. Please bring your own old and new spoons to share with the class. Instructor will give a presentation on spoons from Scandinavia, other countries and several private collections. Instructor will have some tools for student use and additional spoon blanks for sale.

length (days) 3 hours 9am-5pm
tuition $225 early bird tuition (6+ wks in advance) $195
materials $25
age with adult 12+

Kolrosing: Decorative Line Carving

with Judy Ritger

9/21/12

Adding a personal touch to an everyday object is as ancient a tradition as craft itself. Kolrosing, or "painting with coal," has its roots in Viking traditions. To kolrose an object, students use a specially designed knife to incise a fine line onto wood, and then rub dust (traditionally coal, now coffee) into the line to bring out the design. This simple method can be used to add a folk flourish to any wood craft- plates, spoons, bowls, furniture, skis and more. You'll begin by practicing traditional kolrosing designs (similar to rosemaling), and then kolrose a variety of woodenware objects of your choice.

length (days) 1 hours 9am-5pm
tuition $85 early bird tuition (6+ wks in advance) $75
materials $7 age with adult 12+

new Letters, Numbers & More: Incise Carving

with Jock Holmen

2/28/13-3/1/13

Learn to carve letters, numbers and small insignia to mark your work. We'll cover how to transfer designs to wood and incise letters and numbers, with an emphasis on freehand drawing. These skills can be utilized for projects and prominent as road signs and as discreet as a small smiling face that only the most observant passerby will notice. There will be a number of tools available for you to try, including a variety of chisels and v-gouges, but much can be accomplished with a simple carving knife. This type of carving is a great skill for anyone who works in wood. Feel free to bring a small project you have in mind, or simply practice before you dig into a big project.

length (days) 2 hours 9am-5pm
tuition $150 early bird tuition (6+ wks in advance) $140
materials included

Kolrosing: Decorative Line Carving

Carving the Cree Hunter's Shovel

Relief Carving: An Introduction

with Cecilia Schiller

3/8/13-3/10/13

In some ways, relief carving is akin to painting: once you've mastered the basics, there is no limit to the stories you can tell through wood. In this beginning course, you'll be introduced to the tools used in relief carving and develop the basic skills needed to move into more complex design elements. We'll cover proper technique for holding and using gouges, ambidextrous carving and working with the grain of the wood. After a simple introductory project, students will be able to choose from a variety of patterns provided by the instructor. Students will need to provide their own set of basic carving tools.

length (days) 3 hours 9am-5pm
tuition $225 early bird tuition (6+ wks in advance) $195
materials $20 age with adult 12+

Scandinavian Style Flat-Plane Carving: Continuation

with Harley Refsal

6/24/13-6/26/13

Another appropriate name for this course could simply be: "Let's Keep Carving!" It is an inspiring immersion for students with prior carving experience, including seasoned figure carvers, as well as new-to-carving folks who have just completed the three-day Scandinavian Style Figure Carving course. Need some inspiration or a few new ideas? Carving blanks and patterns for over 40 different characters will be available. Workshop discussions and demonstrations will be facilitated by master carver Harley Refsal. Pick up your knife and get carving!

length (days) 3 hours 9am-5pm
tuition $255 early bird tuition (6+ wks in advance) $240
materials varies (see description)
age with adult 12+

Scandinavian Style Flat-Plane Figure Carving

with Harley Refsal

2/1/13-2/3/13
6/19/13-6/21/13

This course provides beginning carvers with the opportunity to carve several figures in the Scandinavian flat-plane style. Beginning with tool sharpening, the course provides hands-on carving experience as you complete a figure in step-by-step fashion. You will then paint the figures and apply a final oil finish. After this initial figure, you will carve additional pieces independently while the instructor offers assistance on an individual basis. Sharpening equipment and finishing supplies are also covered. Band-sawn wooden cutouts may be purchased directly from the instructor and he will also have a supply of basic carving tools for purchase for students who do not have their own.

length (days) 3 hours 9am-5pm
tuition $255 early bird tuition (6+ wks in advance) $240
materials varies (see description)
age with adult 12+

Timber Carving: Classic Posts for the Northern Home

with Jock Holmen

11/3/12-11/4/12

A decoratively carved timber with a hand-hewn look is a classic signature of the northern home. In this course, you'll choose from two design templates to carve a white pine timber suitable for a door entry beam. Using chisels, gouges and other hand tools, you'll complete one face of an 8 foot long 6"x6" or 8"x8" timber in two days. Creative embellishments are encouraged as time allows. Options for finishing timbers will be discussed. Your hard work will produce a family heirloom that will be treasured for years to come. Due to the physical nature of carving, we encourage you to bring a partner to share the load.

length (days) 2 hours 9am-5pm
tuition $150 early bird tuition (6+ wks in advance) $130
materials $40 ($65.00 for 8'x8')
age with adult 15+

Yokes on You

Wood Carving Tutorial

new

with Phillip Odden/Else Bigton
11/30/12-12/2/12

Break out the v-gouges and chisels! This tutorial format course is a great opportunity to get going on a new carving project or finish up something you've already started, all under the expert guidance of instructor Phil Odden. Phil specializes in Nordic-style carving, and will have a variety of projects to choose from, many with a holiday theme: ornaments, candleholders and rocking horses (for the very ambitious!) are all possibilities. This is the perfect way to get those handmade gifts underway, or seek the assistance you need to get to the finish line.

length (days) 3 hours 9am-5pm
tuition $255 early bird tuition (6+ wks in advance) $225
materials varies ($10+)

Yokes on You

new

with Jarrod StoneDahl
3/22/13-3/24/13

If you've hauled buckets full of water, sap or anything else, you have probably realized that carrying buckets without a yoke is for the birds: humans are just not very well built for it- we bang our shins, our shoulders ache and we have a tendency to slosh. The carrying yoke is the simple & elegant solution to this age-old problem. In this course, you'll begin with a basswood log, a material that is lightweight, sturdy and yields easily to the sharp edge of well-chosen tool. Using axes, draw-knives, and gouges, you'll carve your own custom fit carrying yoke. Perfect for use in the sugar bush or any of your carrying needs, your yoke will make even the heaviest burdens a joy to carry. This class will also be a great introduction to using and maintaining an axe and other hand tools used to shape wood.

length (days) 2.5 hours Day 1: 1pm- 5 pm, Day 2 & 3: 9am-5pm
tuition $185 early bird tuition (6+ wks in advance) $160
materials $25 age with adult 16+

Scandinavian Style Flat-Plane Figure Carving

Three-Legged Milking Stool

woodworking

Artistic Bark-Edged Wooden Bowls
Carry Your Fuel: Craft a Steambent Firewood Carrier
Continuing Turning
Five Day Slöjd Immersion: Shrink Boxes, Ale Bowls, and Knife Work
Kubb: Build a Set for Your Family
Lathe Turning: The Wooden Bowl
Perfect Pitch: Crafting a Hayfork
Pony Up: Build Your Own Shaving Horse, Smaller Style
Saw, Drill, Plane: Intro to Wooden Toy Building
Shaker Box Tradition: Make a Stacking Set
Six Board Chest
Slöjd Workshop: Shrinkboxes, Ale Bowls & Knife Work
Spring-Pole Lathe: Build Your Own
Steambending & Greenwood Primer: Unplugged XI Mini-Course
Wooden Bowl Turning: Norwegian Ale Bowls

furniture craft

Bury Yourself in Your Work: Build Your Own Casket
Cabinetry Basics: Building the Wall Cabinet
Outdoor Timbered Benches
Three-Legged Milking Stool
Timbered Workbench: Early American Style
Traditional Furniture Building with Hand-tools, Spring Pole & Electric Lathes
Twig Furniture: Crafting the Twig Chair

Artistic Bark-Edged Wooden Bowls

with Lou Pignolet
4/5/13-4/6/13
8/10/13-8/11/13

This course is intended for students already familiar with bowl turning on an electric lathe, and who want to learn more advanced woodturning methods. We will explore turning asymmetrical forms from bark-edged bowls to unusual end-grain pieces. The course will include selection of wood, cutting of bowl blanks, choice of form, and techniques of mounting and turning amazing bark-edged bowls. We will also cover the details of drying and finishing (sanding and oiling) of a turned bowl. Each student will turn several bark edged bowls suitable for artistic display and learn many tricks of the trade. This class is most suitable for students who have some prior turning experience. This class takes place at the instructor's home studio, located in Hovland, a 20-minute drive east of Grand Marais. Students will meet at North House on the first day of class and can arrange to carpool if they wish.

length (days) 2 hours 9am-5pm
tuition $180 early bird tuition (6+ wks in advance) $160
materials $75

Bury Yourself in Your Work: Build Your Own Casket

with Randy Schnobrich
3/8/13-3/10/13

None of us are getting out of this alive, so you might as well bury yourself in your work. Join a growing number of independent-minded people looking for a more meaningful alternative to today's burial arrangements. This course covers a range of important details such as: proper sizing, joinery, handle construction, hardware and design options. The finished casket need not wait for a final departure before being put to use. Above-ground applications include use as bookshelves, coffee tables, storage containers and entertainment centers. The course presentation will be broad enough to include beginning woodworkers while also providing ample opportunity for more advanced participants to apply their talents. Two people may work together on this project for the base tuition - bring a partner to work on this memorable project.

length (days) 3 hours 9am-5pm
tuition $255 per casket
early bird tuition (6+ wks in advance) $225
materials $470 per casket

Cabinetry Basics: Building the Wall Cabinet

with Randy Schnobrich
2/8/13-2/10/13

Considering when and where to start on that big cabinet project you want to build and install? Start here. Before you jump into a big project, learn the basic techniques, tools and equipment used by both traditional and contemporary cabinet makers. As a class project, each student builds a pine wall cabinet (24" x 32" x 5") with a door, using hand tools, while exploring some basic machinery techniques as well. Students learn the proper techniques to cut clean mortise and tenons with chisels and drills, work with a shoulder plane to rabbet the door panel and explore the safe use of a table saw, planer, jointer, band saws, and hand saws. If time permits, finishes ranging from traditional milk paints to more contemporary varnishes suitable to cabinetry will be covered.

length (days) 2.5 hours Day 1: 5-9pm; Day 2/3: 9am-5pm
tuition $185 early bird tuition (6+ wks in advance) $160
materials $60
age with adult 16+

Carry Your Fuel: Craft a Steambent Firewood Carrier

with Paul Linden
11/16/12-11/17/12

Whether you heat your home or cabin with wood, or just carry it to the backyard bonfire pit, the steam-bent firewood carrier you'll make in this course is fantastically useful (and quite pleasing to the eye). By following a pattern developed by chair-maker Dave Sawyer, we will begin by splitting and riving our stock from a fresh log. Students will learn the techniques of preparing green wood using hand tools exclusively. Once sized, the main bow will be steamed until flexible and bent in a purpose-built form to dry overnight. The second day will be spent shaping the cross braces, assembling the carrier, then scraping and applying an oil finish. The elegant beauty of this project is that although only a small amount of wood is used, this carrier will easily haul up to 50 pounds of firewood. This project is an excellent introduction to some of the processes of green woodworking, and allows students to make a beautiful utilitarian object that will last a long time.

length (days) 2 hours 9am-5pm
tuition $150 early bird tuition (6+ wks in advance) $130
materials $11

Continuing Turning

with Jim Sannerud
2/23/13-2/24/13

Take your turnings a step (or two) further! Inspired by Scandinavian designs, students will explore the three-footed bowl design as well as how to lay out and carve a textured rim. We will also use green wood to turn ale bowl designs - letting them dry to make a gracefully curving rim. Students should be experienced with turning bowls and bring their own tools. Your materials fee includes all wood for projects plus individual lathes.

length (days) 2 hours 9am-5pm
tuition $190 early bird tuition (6+ wks in advance) $170
materials $50

Bury Yourself in Your Work: Build Your Own Casket

"i learned that i am capable of woodworking"

- from a student evaluation form

Five Day Slöjd Immersion: Shrink Boxes, Ale Bowls & Knife Work

with Jim Sannerud
11/5/12-11/9/12

Five days of handcraft can be the beginning of a passionate relationship that will last a lifetime. Immerse yourself in craft step-by-step during this unique five-day course with Jim Sannerud. On day one, you'll turn simple ale bowls, concentrating on form and thickness. Day two will focus on knife skills while carving spreaders and coathooks. Crafting shrink boxes, turning bowls on the lathe and adding embellishments (including natural pigments), will round out days three and four. On day five, you'll design and begin a project of your own choosing to take home and continue your journey. You'll also head into the woods to harvest materials for use in some projects and draw a direct connection between tree and craft. Five days full of craft, stories, laughter and undoubtedly some new friendships…a truly wonderful immersion. Optional evening activities and film screenings will enhance the session.

length (days) 5 hours 9am-5pm
tuition $450 early bird tuition (6+ wks in advance) $425
materials $30

Kubb: Build a Set for Your Family

new

with Ian Barrett
10/19/12

Ready to throw a few logs? Play a round of Viking chess? Welcome to Kubb (rhymes with tube) a great Swedish lawn game that will become a fixture at all your family gatherings, whether you're Swedish or not! In this half day we will dive into basic woodworking to make your very own Kubb set. We will learn not only how to build a kubb set but also play the game with our freshly finished set. We will use traditional hand tools like a block plane, spokeshave, drawknife and some modern tools as well.

length (days) 1 hours 9am-3pm (with a lunch break)
tuition $55 early bird tuition (6+ wks in advance) $50
materials $15 age with adult 10+

Lathe Turning: The Wooden Bowl

with Jim Sannerud
2/21/13-2/22/13

The wooden bowl is a reflection of both utility and beauty - an inspiring craft form to experience. Explore the grains of northern hardwoods - birch and maple - as you learn detailed lathe handling and turning techniques to turn a wooden bowl on the electric lathe. From tree to bowl, learn how to identify the best parts of a tree for a bowl blank and how to orient stock for the best grain patterns to match the outcomes you desire. To ensure longevity and finishing of the bowl, drying techniques will also be covered. Take home a traditional utility bowl for the kitchen as well as an artistic form and natural edged bowl for the coffee table. Your materials fee includes all wood for projects plus the use of individual lathes and set of tools.

length (days) 2 hours 9am-5pm
tuition $190 early bird tuition (6+ wks in advance) $180
materials $50

Outdoor Timbered Benches

with Randy Schnobrich
4/5/13-4/7/13

A sturdy, timbered outdoor bench will invite years of use and is perfect for long conversations, a short break from walking or simply watching the world go by. This unique bench design borrows joinery common to timber-frame construction and utilizes the rough cut, white pine timbers. It's beautiful, comfortable and highly durable. We should know: North House has built several benches in this style for our campus as well as downtown Grand Marais. Over three days, you'll use professional timber-framing equipment to construct a 4.5 ft bench, ready to be finished and located in a spot with a view. Due to the size of this project, students are highly encouraged to bring a partner.

length (days) 3 hours 9am-5pm
tuition $225 materials $150
age with adult 16+

Perfect Pitch: Crafting a Hayfork

with Paul Linden
3/23/13-3/24/13

Following a traditional pattern, and working with wood riven (split with control) from a freshly cut log, we will learn the process of rough-shaping a handle and cutting, shaping, and bending the tines to make a beautiful and functional hayfork. Students will learn the process techniques and also get some practice using many of the common hand tools specific to green woodworking, including a drawknife, froe, and spokeshave. It is possible and entirely practical to complete this course using exclusively hand tools and elbow grease, but we will also have access to certain power tools, if needed, to speed things along. The first day will involve splitting, rough-shaping and bending the fork into form, on the second day we will finish the handle, refine the shape of the tines, and scrape the whole piece smooth. Various finishes will be discussed and available.

length (days) 2 hours 9am-5pm
tuition $150 early bird tuition (6+ wks in advance) $130
materials $20

nuts & bolts

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Membership starts at $25 annually and is a vital part of our story. Consider a gift and let the world know your support for our educational mission. Benefits include special event passes, our newsletter and warm and fuzzy feelings.

Pony Up: Build Your Own Shaving Horse, Smaller Style

with Jim Sannerud
11/10/12-11/11/12

The shaving horse is a must-have shop tool for the traditional woodworker committed to pursuing classic building projects that require handtools and handwork, but can be a lot to lug around. In this session of BYO, you'll build a simple shaving horse that fits on your lap, is lightweight, ready to go anywhere, and customized to your body proportions, inspired by Swedish craftsman Ramon Persson. Compared to a standard workbench with a conventional wood vise, the shaving horse allows for quick adjustments and leverage that ultimately suits drawknife and spokeshave work. The instructor will demonstrate varied uses of the shaving horse, including working chair legs, preparing wood to be turned on a lathe and carving spoons and other Swedish influenced woodworking projects.

length (days) 1.5 hours Day 1: 9am-5pm; Day 2: 9am-noon
tuition $125 early bird tuition (6+ wks in advance) $115
materials $45

Saw, Drill, Plane: Intro to Wooden Toy Building

with Greg, Jeanne & Olya Wright
10/18/12-10/19/12

Give a child a few blocks of wood and some glue, and the magic is sure to happen. Whether a boat or a castle, the result delivers untold satisfaction, both during creation and beyond. This workshop is for adult-child pairs hoping to continue the toy building journey, creating several classic wooden toys while laying a foundation of basic woodworking skills with hand tools. Miter boxes to coping saws, framing squares to block planes, tack hammers to brace/bits – emphasis will be placed on introducing time-tested hand tools and discovering their purpose. Spinning color wheels, whirling tops and tumbling Jacob's ladders are on the list of possible projects. Applying finish/paint may be possible as time allows. Students are asked to bring their favorite wooden toy for Show & Tell. Once the door to the woodshop is opened, a journey filled with discovery (and toys of all sizes!) awaits ahead. Combined adult child tuition is $131.25/$140 per pair.

length (days) 2 hours 9am-12:30 pm each day
tuition $80 early bird tuition (6+ wks in advance) $75
materials $10
age with adult 8+

Shaker Box Tradition: Make a Stacking Set

with Bob Ristow
10/6/12-10/7/12
7/27/13-7/28/13
10/5/13-10/6/13

There was a time when households had few belongings, and clutter from too much stuff was not an issue. Basics such as matches, glue powders and paint pigments, and sugar, coffee, tea, and spices needed containers. Before the age of canisters and Tupperware, Shaker craftsmen made and marketed their oval boxes to meet this purpose. Explore the traditions of the Shaker box as you learn to make a stacked set of boxes (5 total), reflecting on both the traditional uses and production methods, as well as more decorative touches such as the use of cherry woods rather than plain maple and wood finishes suited for the coffee table rather than cupboard. The Shaker Box-a box for all occasions, utilitarian as well as decorative. Its charm and grace make a difference whatever role it plays.

length (days) 2 hours 9am-5pm
tuition $150 early bird tuition (6+ wks in advance) $130
materials $60
age with adult 12+

Six Board Chest

with Mike Siemsen
1/25/2013 – 1/27/12

Part of a long history of simple furniture forms that have stood the test of time is the six board chest. Used by the Vikings and before, these chests are easy to build, look good, and are useful as benches and storage boxes. We will use hand tools to make our version from pine, and it will measure approximately 24" x 11" x 17 1/2". There will be design opportunities to personalize your chest and make it your own. We will paint our chests with milk paint which we will make ourselves from milk and slaked lime. You won't need any special skills other than a willingness to learn and enough power to push the tools! (a 12 year old can do it!)

length (days) 3 hours 9am-5pm
tuition $225 early bird tuition (6+ wks in advance) $195
materials $25
age with adult 12+

Slöjd Workshop: Shrinkboxes, Ale Bowls & Knife Work

with Jim Sannerud
3/14/13-3/17/13

Four days of handcraft can be the beginning of a passionate relationship that will last a lifetime. Immerse yourself in craft step-by-step at North House during this unique four-day course with Jim Sannerud. On day one, you'll turn simple ale bowls, concentrating on form and thickness. Day two will focus on knife skills while carving spreaders and coathooks. Crafting shrink boxes, turning bowls on the lathe and adding embellishments (including natural pigments), will round out days three and four. You'll also head into the woods to harvest materials for use in some projects and draw a direct connection between tree and craft. Four days full of craft, stories, laughter and undoubtedly some new friendships...a truly wonderful immersion. Evening activities will be part of this session.

length (days) 4 hours 9am-5pm
tuition $360 early bird tuition (6+ wks in advance) $340
materials $30

Artistic Bark-Edged Wooden Bowls

Three-Legged Milking Stool

Spring-Pole Lathe: Build Your Own

with John Beltman
4/26/13-4/28/13

Spring-pole lathes are reminiscent of colonial woodworking traditions and have been used for hundreds of years to create elegant chair legs, spindles, and bowls from freshly cut, rough wood stock. In its simplest form the foot-powered spring-pole lathe is both easy to operate and efficient, allowing for complete control over the turning process. In this course you work with traditional woodworking tools to build your own wood turning machine from freshly milled white pine. The course also covers the basics of wood turning. You will have the chance to split green wood into rough stock and experience a real sense of satisfaction as a piece of wood evolves into a chair stretcher, candlestick or similarly shaped object.

length (days) 3 hours
tuition $255 materials $190

Steambending & Greenwood Primer: Unplugged XI Mini-Course

with Paul Linden
9/15/12

This mini-workshop will discuss two crucial elements of traditional woodworking that involve curved or bent pieces. First, we will discuss splitting, riving, and processing billets of wood straight from the log... following the wood fibers along the length of the whole piece to retain maximum strength. Second, by using either steam (or one of several other ways) to heat the moisture that is within the green (freshly cut) wood we will bend curves that are as strong as possible while also using the least amount of material. Snowshoes, basket handles, hayforks, and many other traditional wooden products were made using some form of hot bending and with a knowledge of the inherent strength of the wood itself.

length (days) 0.25 hours 10am- noon
tuition $30 early bird tuition (6+ wks in advance) $30
materials included
age with adult 12+

Three-Legged Milking Stool

with John Beltman
3/14/13

Explore the fundamentals of traditional furniture making with this classic Americana piece, the three-legged milking stool. Steeped in the tradition of working exclusively with vintage fine woodworking tools, you'll learn precise handwork to shave wooden birch legs using a drawknife on the traditional woodworker's 'bench' of choice, the shaving horse. The finer details will be smoothed with a spokeshave and the seats sculpted of white pine. You'll learn to mortise and tenon the legs to the seat with a hand tenoner. Finishes such as milk paints and other traditional wood preservatives will be discussed, allowing you the most fashionable chair for sitting upon whilst hand milking your cow or goat...or whittling on your next project.

length (days) 1 hours 9am-5pm
tuition $85 early bird tuition (6+ wks in advance) $75
materials $35

Timbered Workbench: Early American Style

with John Beltman
2/1/13-2/3/13

Have bench, will travel? Indeed - with this workbench you can do both! A fine workbench is an essential fixture in the home workshop. In this class students will build a sturdy timbered workbench based on early American designs using simple and classic joinery that echoes timber framing techniques. Mortise and tenon joints of different sizes are used so the finished bench is held together with wedges and can easily be disassembled. The portable, knock-down features of this workbench make it a versatile addition to your workspace and easy to load to bring home. Dimensions: 38"H x 72"L x 30"W (with some variations possible). The bench is made using white pine timbers for the legs and top, and oak for the wedges.

length (days) 3 hours 9am-5pm
tuition $255 early bird tuition (6+ wks in advance) $225
materials $245

Traditional Furniture Building w/ Hand-tools, Spring Pole & Electric Lathes

with John Beltman
3/14/13-3/17/13

If the desire to build beautiful, functional furniture has ever struck you, this course is the place to begin. Over four days, you'll explore the primary techniques of traditional woodworking and furniture-craft. You'll begin with a classic Americana piece, the 3 legged stool, using vintage fine woodworking tools to shape birch and white pine. The second project, a Windsor stool, will utilize both spring-pole lathes & electric lathes, and will provide an in-depth introduction to Windsor-style furniture-craft. Finishes such as milk paints and traditional wood preservatives will be discussed. This extended course format allows ample time for conversation and discussion of furniture design, tradition and function.

length (days) 4 hours 9am-5pm
tuition $360 early bird tuition (6+ wks in advance) $340
materials $135

"it's a cordial & supportive atmosphere."
- from a student evaluation form

Twig Furniture: Crafting the Twig Chair

Twig Furniture: Crafting the Twig Chair

with Paula Sundet Wolf
4/26/13-4/28/13

The twig chair is the hallmark project for someone who appreciates the traditional craft of twig furniture making. In this course you will work with native alder and willow following a basic twig chair design that can be individualized with curved, bent, or straight twig furniture techniques. A harvesting field trip will provide an opportunity to gather some of the materials that will personalize each chair, in addition to providing a chance to field identify twig furniture materials. During the first day of class, students will construct a basic chair frame using materials provided by the instructor. On the following morning, students will take a field trip to identify brushwood species and to gather materials for the chair seat and back. By afternoon, students will start constructing the seat and back using gathered materials. By day three students will finish their chair and talk about other applications such as footstools, tables, etc.

length (days) 3 hours 9am-5pm
tuition $225 early bird tuition (6+ wks in advance) $195
materials $35

Wooden Bowl Turning: Norwegian Ale Bowls

with Roger Abrahamson
11/9/12-11/11/12

Wooden ale bowls are an excellent example of functional Scandinavian folk art. These ceremonial drinking vessels were used both for serving on special occasions and in the brewing process. In this class, students begin with a green birch log. Using axes, knives, hook tools and a foot-powered spring-pole lathe (plus lots of vigorous work), you'll create an ale bowl to take home and use. Tool sharpening and proper cutting techniques will be taught. There will also be lively discussions on the design, function and culture surrounding these objects, as well as the history of woodturning. The instructor will have available several antique bowls from his collection for study and inspiration. Skills taught in this class will also be very useful to modern bowl turners.

length (days) 3 hours 9am-5pm
tuition $255 early bird tuition (6+ wks in advance) $225
materials $35

Harley Refsal - Scandinavian Flat-Plane Figure Carving

David/Lise Abazs - *Finland, MN*
David and Lise of Round River Farm live on the North Shore of Lake Superior. There the rocky soil provides the materials to build their homestead, and the northern elements provide the solar and wind power to keep it all running. The Abazses grow and sell organic fruit and vegetables, make wreaths, and raise livestock. Teaching, consulting, and installing renewable energy systems fill out their lives as they strive to balance their needs with what the Earth can provide. Visit www.round-river.com.

Roger Abrahamson - *Minneapolis, MN*
Roger is a traditional bowl turner. Using a spring pole lathe, hand-forged tools and freshly harvested native woods, he specializes in the creation of Norwegian ale vessels. Roger's fascination with these objects has its roots in his immigrant grandmother's ale bowl which is still in the family. Roger has demonstrated his trade at the Nordic Fest, Norsk Hostfest, the Minnesota State Fair, the Smithsonian Institute's Viking Exhibition and several other historic sites. He has been a turner for 18 years working with a pole lathe exclusively for the past 12.

Karen Anderson - *Afton, MN*
A self-taught artist , Karen enjoys working in many different mediums, including wood, stained glass mosaic and clothing design. She left a "conventional" day job to pursue passions and hasn't looked back. Her pieces, both decorative and functional, can be found all over the United States. Her latest venture is creating dresses from previously loved, "up-cycled" t-shirts. When not creating art, she can (or can't) be in the woods or on the water.

Philis Anderson - *Grand Marais, MN*
Philis has owned and trained horses since the 1970s. The Norwegian Fjord horse has been her horse of choice in recent years because of its intelligence and gentle nature. Philis and her horses enter pleasure driving competitions and shows, and her horses have received high evaluations in the Norwegian system of confirmation and work discipline. Learn more about Philis at www.SawtoothMountainFjords.com.

Ian Andrus - *Grand Marais, MN*
Ian lives in the woods outside Grand Marais without running water or electricity in a yurt he built himself, spending much of his time gathering wild foods, firewood and craft materials. He is inspired by traditional lifestyles and is always seeking to uncover the lost art of living off the land. Aside from yurts Ian makes black ash and birch bark baskets, birch bark canoes, and other utilitarian crafts. Ian is a former North House Folk School intern. Ian's website: www.superioryurt.wordpress.com

David Asproth - *Grand Marais, MN*
David ties flies commercially and has a passion for brook trout fishing. He has tied at five national events and currently serves as a demonstration fly-tier for the Federation of Fly Fishers, the Arrowhead Fly Fishers, and the Thunder Bay Fly Fishers. David continues to demonstrate his fly-tying and casting abilities through demonstrations at the Midwest Fly Fishing Expo, Sawbug Festival in Arkansas, and the Chicago Sports Show. David pioneered the use of the float tube in Cook County and has been instrumental in the shaping of youth educational programs with Minnesota Department of Natural Resources.

Ian Barrett - *Grand Marais, MN*
Ian is an avid outdoorsman with many passions. He has always been intrigued with living simply and building what you need to survive. He loves Grand Marais and the north shore and has been visiting since
he was a child. He is from St.Paul, MN and is one of the 2012 North House interns.

Chef Judi Barsness - *Lutsen, MN*
Judi is Chef and co-owner of Chez Jude, a restaurant located on the Grand Marais Harbor. Chez Jude offers contemporary cuisine, private dining, catering and a series of culinary classes. Judi has served an internship with Chef Alice Waters at Chez Panisse in California. A second generation chef, Judi learned her passion for cooking and baking growing up in her mother's French kitchen. She has studied at The Culinary Institute of America, Greystone and the National Baking Center.

Dave Bartkey - *Faribault, MN*
One day, Dave curiously marveled at some birds in a dead tree across his lawn. He had his roomates binoculars handy and figured out they were Cedar Waxwings and Eastern Kingbirds. "These birds never come to my feeders", he thought. That May, he bought his own binoculars; his first pair. Trying them out in a state park near Faribault, Dave was constantly frustrated as the warblers he was trying to focus on just wouldn't hold still! Just when Dave was on the brink of throwing in the towel, some movement just above the trail caught his eye. Dave brought the binoculars up and there the bird stayed, a brilliant male Scarlet Tanager! Needless to say, Dave was totally hooked! Since that day in 1996, Dave has birded all over Minnesota. He co-founded the Rice County Bird Club, is a member of the M.O.U. and is a field trip leader for the Sax/Zim Bird Festival. His state list stands at 340 birds and is still a work in progress.

David Bauer - *Candler, NC*
David completed an internship at North House Folk School with an emphasis on wood-fired baking and received further training at the San Francisco Baking Institute. Formerly the bread baker for Lucia's Bakery and Corner Table in Minneapolis, he now bakes independently in a wood-fired bakery in the Appalachian Mountains with his trusty hound Rosie.

Mary Beams/Katherine Goertz - *Grand Marais, MN*
Katherine Goertz and Mary Beams have baked over 25,000 pies together for the past 15 years, as owners of The Pie Place Café in Grand Marais. Not only the daily preparation of pies for the restaurant, but also the opportunity to hear about family pie traditions learned from guests, make the art of pie baking one which they are eager to share with others. They are happy for the opportunity to inspire others to be creative and confident
in exploring this satisfying and very American dessert, PIE.

John Beltman - *Nashwauk, MN*
John is a master woodworker who specializes in working with traditional hand tools and utilizing traditional building techniques. His students consistently comment that this approach permeates every class he teaches. John has recently concentrated his efforts on traditional early American methods of woodworking, including spring-pole lathe turning, the construction of snowshoes, and hand-crafting Windsor chairs & stools. John's training includes work with the Rockport Apprentice Shop in Maine, Strong's Canoe Yard in Vermont, and the Windsor Institute in New Hampshire.

Traudi Bestler - *Minnetonka, MN*
Traudi has been weaving and creating textile projects for over 30 years. Her prime interest is passing along the history and joy of making fiber art. Traudi studied weaving, spinning, and dyeing at the Weaver's Guild of Minnesota, The Weaving School and Sievers School of Fiber Arts. She currently teaches weaving and dyeing at the Minnetonka Center for the Arts and has been a workshop presenter for the last 25 years at the MN Federation of Weavers conferences.

Jeanne Bourquin - *Ely, MN*
Jeanne is a full-time wood-canvas canoe builder and runs her business, Bourquin Boats, from her workshop in Ely. She began her canoe building career by repairing her own wood-canvas canoe in the early 1980s. In 1985, she built her first wood-canvas canoe with Jerry Stelmok. Since then she has been hooked, and has been building and repairing canoes in her Ely shop. She is known among canoe builders for her care in construction and finishing details. See her work at bourquin.wcha.org

Matthew Brown - *Grand Marais, MN*
Active in sailing since the 1980s, Matthew has sailed a wide variety of boats from sloops to tall ships on the Great Lakes and the Atlantic Ocean. A U.S. Coast Guard licensed captain, Matthew has played a major role aboard North House's schooner Hjørdis since she was acquired in September 1997.

Liz Bucheit - *Lanesboro, MN*
Liz is owner of Crown Trout Jewelry in Lanesboro, Minnesota, and has been a goldsmith for over 25 years. She holds a Master's degree in metalworking and jewelry from the University of Iowa, Iowa City, and has trained in traditional jewelry and metalworking techniques both in Ireland and Norway. Liz has been awarded grants from the Minnesota State Arts Board, Sons of Norway, and the SE Minnesota Arts Council. Known for her Scandinavian-inspired bridal crown and wedding jewelry, Liz was recently awarded a MN State Arts Board grant to travel to China to research Miao silverwork. Preview her designs at www.crowntrout.com.

Dennis Chilcote - *Minneapolis, MN*
Dennis has a great appreciation for historical crafts and a long-standing fascination with the way our ancestors expressed art through craft. In that vein, he uses baskets, brooms and traditional woodwork as both canvas and palette for his art. His work can be viewed at mnartists.org/dennis_chilcote.

Carol Colburn - *Cedar Falls, IA*
Carol travels throughout Norway to find inspiration from the landscape, people, and old clothes found in museums and private homes. Some of her favorite historic garments were discovered in the walls of old log buildings, tucked into cracks ages ago for insulation. During the academic year, she teaches costume design and technology at the University of Northern Iowa in Cedar Falls. She has also taught garment design and construction at Vesterheim Museum in Decorah, Iowa, and at Vesaas Farm Studio in Telemark, Norway.

David Cronenwett - *Choteau, MT*
David Cronenwett has taught wilderness survival and bushcraft for many institutions around Montana, including the University of Montana, Carroll College, The Nature Conservancy, Helena National Forest and many others. He has worked as a consultant for the Discovery Channel's "Dual Survival" program and has appeared in Field & Stream, Experience Life and several other outdoor publications. David works as a professional naturalist, survival instructor and writer. He lives along the spectacular Rocky Mountain Front in Choteau, Montana.

Jim Dahn - *Rolling Meadows, IL*
Jim Dahn is fascinated by traditional cultures and their inventive technologies, clothing and shelter. Jim has traveled into the heart of Mongolia, exploring the mountains and Little Gobi Desert where the ger, or yurt, culture reigns. From his travels, Jim created a documentary, "Say La Ger," that debuted at North House Folk School's 2007 Arctic Film Festival. Jim has researched the footwear migration from Asia to America up to 1860. From his research, he has replicated five styles of American Indian moccasins and explores those patterns in courses he has offered over past years.

Patty Doherty - *Grand Marais, MN*
A life-long knitter, Patty began felting in 1988. She demonstrated hand felting for three summers at the historic Swedish settlement at Bishop Hill, Illinois, under a grant from the Illinois Arts Council. A natural teacher, Patty has offered workshops for children and adults at local schools, 4-H, the Fiber Arts Guild, and North House. Patty also loves traditional folk dancing and is part of the local music group Over the Waterfall.

Kristi Downing - *Grand Marais, MN*
Kristi began potting in the 1960s, but it is only since "retiring" in 1998 that she has been able to pursue her dream in earnest. Her studio and raku kiln are located on the Lake Superior shore just east of Grand Marais. In 2002, Kristi and her raku firing were featured on two Twin Cities television stations: Channel 45, "Environmental Journal," and Channel 5, "On The Road with Jason Davis." She is one of 14 artists on the fall Duluth-to-Thunder Bay Crossing Borders Art and Studio tour.

Carol Dunn - *Hackensack, MN*
Carol is a 5th grade teacher with a Master's degree in curriculum and instruction. As a way to relax and maintain her calm easy-going personality, she became a "hooker" when a friend taught her to rug hook in 1989. In the 20 years since then, Carol has attended many hooking retreats and workshops, and has taught hooking to friends and family members. Carol and her husband Bart (who still does not have his own rug!) have been coming to Grand Marais on their summer vacation for many years. Carol's sister Mary is a rug hooking designer - see samples at www.designsinwool.com

Lonnie Dupre - *Grand Marais, MN*
During an Arctic career spanning more than two decades, Lonnie Dupre has traveled over 14,000 miles throughout the high Arctic regions of northeastern Russia, Lapland, Alaska, Canada and Greenland. He has led five major Arctic expeditions and participated in six. Lonnie's expeditions have been featured in Reader's Digest, Sports Illustrated, Outside, and National Geographic Online. In 1991, he organized and led the Northwest Passage Expedition, making a 3,000-mile transit of the Canadian Arctic by dog sled while comparing changes in Inuit culture since Knud Rasmussen's expedition in 1923. Recently, Lonnie worked on the One World Expedition project, a trip from Greenland to the North Pole, pulling and paddling specially modified canoes across shifting sea ice and open ocean to raise awareness of global warming and climate change. Visit www.lonniedupre.com.

Jonathan Edwards - *Cape Elizabeth, ME*
Well-known for his crossover hit "Sunshine," country and folk singer/songwriter Jonathan Edwards is a Minnesota native. Four decades into a stellar career of uncompromising musical integrity, the man simply delivers, night after night , songs of passion, songs of insight, songs of humor, all rendered in that pure and powerful tenor which, like fine wine, has only grown sweeter with age. These days Jonathan Edwards, a vital and relevant artist in today's folk and Americana scenes, is most likely to be found on the road with longtime accompanist Stuart Schulman on bass, piano, fiddle, and vocals and Taylor Armerding, formerly of Northern Lights, on mandolin and high-tenor vocals. "I've been I doing what I do best, which is playing live in front of people. I've been concentrating on that and loving it," he says. Since 1971, Jonathan has released 15 albums, including Blue Ridge, his standard-setting collaboration with bluegrass favorites the Seldom Scene, and Little Hands, his collection of children's songs, which was honored with a National Library Association award.

Scott Graden - *Two Harbors, MN*
The regionally-renowned creative force behind the sustainable, local & distinctly northern cuisine at the New Scenic Café, Chef Scott Graden does not hesitate to share his cooking artistry with others. Chef Graden has taught at the Blue Heron, the Kitchen Window, and the Minnesota State Fair, among other places. His passion for culinary arts, industriousness, and wry humor are revealed in his tutelage. He teaches in systems and philosophies, shifting the focus away from memory-based methods.

Tina Fung Holder - *Washburn, WI*
Since 1996, Tina Fung Holder has lived and worked in northwest Wisconsin after moving from the urban city life in Chicago. While pursuing her formal education in Chicago, Tina did extensive research in basketry techniques at the Field Museum. Since moving to the north woods she has explored both traditional and new applications of the available natural materials and thinks that anything that grows flexible is fair game. Tina enjoys developing new basket designs and teaching them in workshops. Her basketry is sold in galleries in the region.

Bruce Futterer - *Russellville, AR*
Bruce has been an avid carver since 1977. Since 2000, Bruce has won numerous blue ribbons at the International Carving Competition held each year in Davenport, Iowa. In 2004 his Santa Claus carving was selected as the National Grand Prize winner in the Woodcraft/Wood Carving Illustrated contests. In 2006, Bruce won Best of Show at the National Caricature Carvers Competition, and in 2005, he was awarded a Gold Medal for Scandinavian style carving from the Vesterheim Norwegian American Museum. Bruce was raised in Grand Marais and returns to the North Shore each summer. Visit www.futtererwoodcarving.blogspot.com.

Kim Garrett - *Ely, MN*
Kim started rosemaling 6 years ago by taking a class at the North House Folk School with rosemaling instructor Mary Schliep. She fell in love with it and has been painting ever since. Kim has studied with several Vesterheim Gold Medal winning rosemaling instructors. She has also studied with Norwegian instructors here in the US and while studying traditional rosemaling and other Scandinavian folk art in Norway. Kim's goal is to bring together a blend of traditional Scandinavian folk art with modern techniques and point of view.

Ted Gephart - *Bayfield, WI*
Ted lives on Wisconsin's "north coast" of Lake Superior with his wife and two daughters. He missed the boat for the first time as a young boy and has been doing it since then as a hobby. Okay, he's also been a charter captain since 1985. Among the many marine classes Ted has instructed are Wisconsin boater safety and the U.S. Coast Guard license exam review course. He is the founder of North Coast Community Sailing.

Shawn Glidden - *St. Paul, MN*
Shawn Glidden is immersed in the world of knitting; designing, teaching and creating one-of-a-kind clothing and accessories. Her goal is to keep traditional styles of knitting alive, honoring them without distorting them, and keeping them fresh and new given the vast array of fiber available to knitters today. Yarns are spun not only from animal fiber but also from plants such as bamboo, cotton, seaweed, trees, beautiful silks and even corn and milk. Shawn is on an unending quest to find just the right approach to every single stitch matched up with just the right fiber that shouts out the glory of both and screams, "Touch me! Touch me!"

Mark & Katya Gordon - *Two Harbors, MN*
Mark and Katya Gordon are co-owners of Amicus Adenture Sailing, a small family-owned charter business that operates out of Knife River, MN. Mark (captain) has more than 25 years experience in leading tripss and over 18 years as a licensed Captain and EMT. Katya (first mate) is a lifelong sailor and is a veteran of outdoor wilderness experiences, with more than 15 years of experience leading trips in mountains, lakes, deserts, rivers and oceans. Together they have sailed thousands of miles on Lake Superior and beyond with their two daughters Cedar and Lamar.

Larry Groce - *Charleston, WV*
Larry Groce is one of the founders of West Virginia Public Radio's Mountain Stage and has been host and artistic director since its beginning in 1983. The show is heard on 120 radio stations nationwide as well as on Voice of America overseas. Before Mountain Stage, he worked as a singer and songwriter and has recorded twenty-three albums including a top ten hit song (Junk Food Junkie) and many Walt Disney records for children, one of which was nominated for a Grammy Award. Larry moved to West Virginia in 1972 as part of a National Endowment for the Arts program. He still makes his home in the Mountain State with his wife and two daughters.

Brent Gurtek - *Duluth Township, MN*
Brent Gurtek has been professionally fashioning authentic, custom muzzle loading firearms since 2001, having made over 70 such weapons, to date. He is a member of the National Muzzleloading Rifle Association and the Contemporary Longrifle Association. He has successfully hunted white tail deer and black bear with firearms he has made himself. He lives with his wife, Ann, just north of Duluth in French River, in a period house they built themselves, along with much of the furnishings.

Bryan Hansel - *Grand Marais, MN*
Bryan likes spending his mornings and evenings along the shore of Lake Superior making photographs of the sun creating new colors in the sky. He learned photography over 20 years ago in the black and white darkroom. Now, he makes his living taking photos. Not only is he a professional photographer, he writes freelance articles for magazines and he's a Lake Superior kayak guide. Bryan loves the north shore and shares his passion for the area teaching photography workshops and guiding. Learn more about him at www.bryanhansel.com.

Mark Hansen - *Grand Marais, MN*
Mark was introduced to the craft of wooden ski making after meeting Marvin Salo, whose father was a master ski maker trained in the old Saami school of ski construction, nearly two decades ago. Since then, he has collaborated with ski historians, researchers, and builders, to learn about the wooden ski's origin, design variations, cultural functions and construction methods. From his findings, Mark has been teaching students from around the globe about wooden ski construction. His investigations into the wooden ski have also led him to a number of exhibitions, commissions and presentations on the subject. Mark's interest in traditional methods of transportation throughout northern cultures also include wooden work boat construction, from birch bark canoes to Norse prams; toboggan and sled construction; northern clothing; and traditional shelter designs, including the yurt. Mark was instrumental in the founding of the North House Folk School. He operates his own business, Hansen Boat Works, and was recently nominated to receive an invitation for the Bush Foundation's Enduring Vision Award.

Dave Hanson - *Duluth, MN*
Metalworking has always been important in Dave's life, learning from his cousin who owns one of the largest machine shops in Iowa. Known to have one of the largest travelling blacksmith shops in the five-state area, Dave spends countless hours around the Midwest demonstrating his work and skills to the public at rendezvous and special events. Dave founded the Lake Superior Metal Smith Club. Other pastimes include training and caring for his horses, woodcarving and pottery.

Kate Hartman - *Madison, WI*
Kate first learned to knit in high school. Since then, she has explored a variety of knitting traditions, including both the English/American and Continental knitting techniques, lace knitting, Aran, and the multi-colored Fair Isle and Scandinavian techniques. Kate enjoys making sweaters, socks, mittens, and other garments in a variety of styles and materials, using many of her own wheel-spun yarns. She likes teaching and believes that enjoyment and enthusiasm are necessary as adults learn a new craft. Kate currently resides in Madison, Wisconsin, and has the good fortune of to be married to a knitter/spinner.

Peter Henrikson - *Grand Marais, MN*
Peter settled in Grand Marais after a transient career of log building, basket making, timber bridge building, and teaching timber skills on public lands. He is now a professional timber framer and designer and has been teaching timber framing at North House since 1998. Peter has taught black ash basketry and paddle making courses, but now focuses on timber framing and spending time with his family (he's a man who's rich in daughters).

Mike Hero - *Grand Marais, MN*
Mike caught his first trout on a fly stream of the North Shore more than 40 years ago and has avidly tied flies and fly fished the lakes and streams of the area ever since. Mike also has extensive experience fishing the Driftless Area of southeastern Minnesota and southwest Wisconsin, as well as many of the famous trout streams of the eastern and western U.S. He was a long time member of the St. Paul Fly Tiers Club and is a life member of Trout Unlimited.

Jock Holmen - *Burnsville, MN*
Jock Holmen, "The Norwegian Termite," has been a professional woodcarver for over 30 years. He is a gold medal winner at the Vesterheim Norwegian-American National Juried Exhibitions in Decorah, Iowa, and won the First Place Carving award at the 2005 Northern Woods Exhibition in Minneapolis. In addition to his commissioned projects, Jock is a contributing editor at American Woodworker magazine, and teaches woodcarving classes. He has received training and tutoring from various American and Norwegian master carvers.

Allen Holzhueter - *Madison, WI*
Allen has been knitting since the 1980s with an interest in multicolor knitting techniques. He has focused on the knitting traditions of Northern Europe and the British Isles and has taught traditional Scandinavian, Fair Isle and Latvian projects using the multicolor technique. Allen has expanded on his fiber interests to include spinning his own knitting yarns on one of his several spinning wheels. Allen lives in Madison, where he divides his time among knitting and spinning projects and spoiling the family Greyhounds.

Beth Homa - *Grand Marais, MN*
Growing up on the edge of the prairie and visiting the Gunflint Trail in the summers, ingrained a reverence for the great outdoors in Beth. Her father's workshop sparked a fascination of craft which led Beth into studying Studio Arts at Hamline University and exploring handmade trades. Beth has spent the last three + years in Baltimore, Maryland providing case work for the homeless, including facilitating an art therapy group. Compelled to share the joy of the creative process and manifestation of projects with communities, Beth is excited to get her hands dirty at North House. With a growing admiration for painting, print making, and all forms of transportation, Beth is ready to dig into woodworking, snowy hikes, boat building, and making/eating sausages.

Jason Hovatter - *Portland, OR*
As far back as he can remember, Jason has been wondering how things worked before our modern age of convenience and forgetfulness. As he traveled the country via foot and train hopping, he learned various leatherworking skills and apprenticed with a master shoemaker in southern Oregon. He now runs his own custom shoemaking business, traveling to medieval re-enactments across the Western US, and teaching both period and modern styles and leaving a growing army of cobblers and cordwainers in his wake. http://laughingcrowe.com/shoemaking-classes/

Amy James - *Grand Marais, MN*
Amy taught herself to bake using a free Fleischmann Yeast booklet back in 1972. She has been a teacher almost as long, in settings from traditional school classrooms to wilderness, with students from preschoolers through seniors, and covering topics from life science to sea kayaking. Combining her passions for teaching and baking, with a little science and history thrown in for good measure, Amy leads bread baking courses for new to intermediate bakers.

Peter James - *Grand Marais, MN*
Peter has been drinking beer for over 30 years and began to discover how to make beer he really enjoys drinking about 15 years ago. Since then he has brewed well over 150 batches of beer in over 25 different styles and has progressed from pre-packaged kits to all-grain brewing. Sharing his love for creating and appreciating flavorful beer is part of his passion for supporting life-long learning.

Barbara Joiner - *Brasstown, NC*
Barbara has been a working artist for over 30 years. She studied clay at the University of Illinois, silversmithing at Indiana University and has an MFA from Southern Illinois University. She developed the jewelry program at the John C. Campbell Folk School in Brasstown, NC where she has been the resident artist in metals for the past 14 years. Besides teaching, which she loves and has done for over 30 years, Barbara runs her own studio and is a member of the prestigious Southern Highland Craft Guild in Asheville, NC. Her works are in many collections including the High Museum of Art in Atlanta, Georgia.

Kent Jones - *Grand Marais, MN*
Kent has a passionate and professional interest in the ecology and history of northern Minnesota. He loves to explore the often-overlooked areas. Before moving to the North Shore, he worked for 20 years as an interpretive naturalist near the Twin Cities. This led him to research and experiment with elements of sustainable living. He now lives in his self-built timber frame, cordwood masonry, solar-powered home in the woods near Grand Marais.

Seth Kantner - *Kotzebue, AK*
Seth Kantner is a commercial fisherman, wildlife photographer and author of Shopping for Porcupine and the national bestselling novel, Ordinary Wolves. He was born and raised in northern Alaska, schooled at home and living off the land, and later attended the University of Montana and received a BA in journalism. His writings and photographs have appeared in the New York Times, Outside, Alaska, Reader's Digest and other
magazines and anthologies. He's a columnist for the Anchorage Daily News, the Arctic Sounder, and Bristol Bay Times, and a former dispatch writer on climate change for Orion magazine. He lives with his wife and daughter in northwest Alaska.

Julie Kean - *Hovland, MN*
Julie has been making baskets and ornaments since 1981. She utilizes materials gathered from the woods around her home in Hovland. Her favorite materials are birch bark and red-osier dogwood. In 2001, Julie's artistic talents were featured on the program "Venture North" on public television. At times, Julie integrates other natural materials into her work including pinecones, driftwood and spruce roots.

Layne Kennedy - *Minneapolis, MN*
Layne Kennedy is a nationally recognized magazine photographer. His assignments take him all around the globe for publications like Smithsonian, National Geographic, Traveler, Islands, Backpacker, Time, Newsweek, and National Geographic Adventure, to name a few. Layne is the founder and director of the Superior/Gunflint Photography Workshop, conducting wilderness adventure photography trips. Visit his website at: www.laynekennedy.com or his blog at www.firstexposure.wordpress.com.

Gene Tokheim - Knifemaking: Crafting the Norwegian Tollekniv

Norman Kennedy - *Plainfield, VT*
Norman Kennedy was born in Aberdeen, Scotland, into a family with roots in that port city dating to the 13th century. The Kennedys had been shipbuilders and merchant seamen for generations. While learning songs, stories, and lore from family members and neighbors, Kennedy spent part of his teen years "hanging around" the local handweavers.

During the 1950s, he made annual trips to the Outer Hebrides to learn the local weaving, Gaelic songs, and cultural practices. In 1965, he was invited to perform at the Newport Folk Festival to represent Scotland in a program on the origins of the American ballad tradition. A year later, he returned to the United States to co-found Country Roads, a shop and organization intended to support traditional crafts.

From 1967 to 1972, he served as the master weaver at Colonial Williamsburg. Finally, Kennedy founded the Marshfield School of Weaving in Marshfield, Vermont, in 1976 where he taught until he closed it in 1995. Kennedy travels the country performing the old songs, telling stories, and instructing people in traditional weaving techniques, including the rarely practiced community method of waulking (shrinking) cloth accompanied by group song. He is a frequent instructor at the John C. Campbell Folk School. He once answered someone, who asked him why he didn't use some of the new labor and cost-saving devices for preparing cloth, with his own question: "How much is a pound of pride and maybe a half a pound of satisfaction?"

Don Kevilus - *St. Francis, MN*
Don is the proprietor and owner of the renowned Four Dog Stove Company. He has been designing and building wood stoves for the past 21 years and is known as the leading innovator in traditional trail stove design and construction. All of his items are hand crafted in his small Minnesota-based workshop with his wife, Roxanne. Don's passion for creating a tested and true design is evident in his stories of hunters, trappers, outfitters, and guides that have helped shape his work.

Art Kidd - *Grand Marais, MN*
From Huron to Michigan to Superior, the Great Lakes are no stranger to Art, who has been sailing their waters since 1987. Art's keen sense of sailing is equaled by his passion for building small wooden watercraft. Art has been building prams at North House during the winter season since retiring from teaching mathematics in 1998.

Ken Koscik - *Monona, WI*
Canoes and canoeing are Ken's passion. If he's not building canoes for the local Kiwanis club, he's paddling them in the Quetico. Ken first learned to build canoes in 1968 and has added over 60 new projects to his list since then. A former student at the Wooden Boat School in Brooklin, Maine, Ken keeps refining the cedar strip construction technique. The chevron has become his trademark. Visit Ken's web site to learn more about cedar-strip canoe building - kencanoe.com.

Elise Kyllo - *Minneapolis, MN*
Elise is a gardener and visual artist. She finds balance in the urban chaos by engaging the seasons. In the summer, she is usually outdoors in somebody's garden; in the cold months, she is making art. The simplicity and endless possibilities of working with wool intrigue her, especially creating felted creatures inspired by her experiences as a painter and printmaker. "I can't think of a more meditative, pure and organic medium than working with wool and water and reusing old socks."

Candace LaCosse - *Grand Marais, MN*
After two years of traveling, teaching, writing and cooking her way around Asia, Candace is psyched to once again be living on the dynamic shore of Lake Superior. A graduate of the University of Minnesota in Duluth with a degree in graphic design and journalism, she gleaned an eclectic skill set working for the Duluth News Tribune, an organic farm and the Whole Foods Co-op in Duluth before moving to Minneapolis to work for Mpls.St.Paul and Mpls.St.Paul Weddings magazines and then heading east to teach at an all-girls' high school in South Korea. Candace is most excited to explore the worlds of non-profits, bees, boats, metals, wood-fired brick ovens, maple syrup and wild rice. She currently has an affinity for fermenting vegetables, home brewing, metalsmithing, bookbinding, berry picking, saunas and snowy night walks.

Lindsay & Lee Zeike Lee - *Decorah, IA*
Lee and Lindsay have operated their perennial flower nursery in NE Iowa for the past 20 years. Willow work has followed them during these years as a serious sideline and passionate pastime. Together they grow a sizeable cultivated willow patch, offering their willow to craftspeople across the country. Their own willow work combines functional and beautiful baskets with garden and fencing projects. Lee and Lindsay are excited to share their knowledge and experiences about basket making, willow lore, history and culture with their students.

Paul Linden - *Minneapolis, MN*
Paul Linden is a sculptor who lives in Minneapolis and works in the Art Department of the University of Minnesota. He has taught courses and workshops in sculptural woodworking, metal fabrication and metal-casting and has a deep love for craft-based techniques. Paul has almost never met a tool that he didn't like, and proves this by his ever-expanding collection. He takes great satisfaction from using self-made tools and is constantly modifying, remaking, and learning the use of old and new hand tools. Paul tries hard to spend all of his extra time either in the wood or metal shop, or outside with his 10-year-old son and/or his 1-year-old daughter.

Fred Livesay - *St.Paul, MN*
Fred discovered his woodworking skills at age 10. He later trained as a wheelwright and carriage-builder for seven summers and then went on to study Scandinavian folk art, decorative arts, art history and museum studies. Fred currently makes his living as a carpenter but hopes to make teaching and craftwork his fulltime job. Fred has taught at North House since its beginning, has studied crafts in Sweden and demonstrates crafts in the five state area. Fred also teaches at the Milan Village Art School, Ingebretsen's, the American Swedish Institute and Woodcraft.

Derek Lucchese - *South Gillies, ONT*
Derek was an understudy and longtime friend of the famed bread oven builder Alan Scott. In fact, Derek's first run-in with Alan happened during one of the first bread oven building workshops that North House ever hosted. Since then, Derek has gone on to build a wood-fired bakery of his own on a homestead just outside Thunder Bay, Ontario. Derek runs a portable wood-fired pizza business and builds brick ovens in addition to baking weekly for the Thunder Bay Country Market. Learn more about Derek's baking and building at www.bothhandsbread.ca.

Eric Mase - *Ely, MN*
In 1996, Eric Mase moved to Ely, Minnesota, to continue building birch bark canoes. Since then, he has built over 60 bark canoes, both full sized and scale models. For the past 12 years, Eric has spent time renewing his true passion: the drum. Eric's focus on the cedar hand drum has been influenced by the same traditional tools and building methods that stem from handcrafted bark canoes.

Charlie Mayo - *St. Croix Falls, WI*
Since the 1970s, Charlie has had a consuming interest in birch bark. He has traveled to Scandinavia many times to study with the masters while pursuing this interest. He has demonstrated at Rice Lake Audubon, Swedish Institute, Luther College, Hostfest, and the Minnesota State Fair. Charlie is a founding board member of North House.

Mike McCall - *Mankato, MN*
Mike was born sometime in the last century in a humble log cabin that he built with his own hands. When asked about his early life, Michael tends to mumble and change the subject. If he isn't out collecting fungus or flint, he may be seen wandering the beach at Grand Marais where he believes he lost his Congressional Medal of Honor. Mike's favorite color is blue.

Marcie McIntire - *Grand Portage, MN*
Beadwork is widely practiced at Grand Portage, where for generation after generation it has enlivened the lives of Ojibwe people. Many of Marcie's relatives have been beadworkers, and Marcie learned by watching her mother. Today she is a traditional artist specializing in floral-based Ojibwe beadwork, operating her own gallery, Ningii-Ozhitoomin Ojibwe Art Gallery, in Grand Portage. Marcie has been commissioned for exhibitions and instruction and teaches as far away as Arizona and Florida, and as close to home as Ontario and throughout Minnesota. Learn more about her work by visiting www.mnfolkarts.org/marcie/marcie.html.

Kurt Mead/ Betsey Mead - *Finland, MN*
Betsey (and her family) recently lived and worked in Sweden where she taught English, arranged for private Luffarslöjd lessons and worked diligently at improving her Swedish. She also mastered the art of making Swedish cinnamon rolls. She is a naturalist at Wolf Ridge ELC and is a passionate student of poetry. Kurt Mead is a naturalist and homesteader trying to make a living in the forest near Finland, MN. He is the founder of the Minnesota Odonata Survey Project (dragonflies and damselflies) and the author of the award-winning "Dragonflies of the North Woods." He recently spent a year in Sweden with his family, where, among other things, he played with Swedish birch and pine in an attempt to make beautiful items of practical value. Every year brings him closer to his goal of becoming an old, eccentric putterer.

Joe Miller - *Allouez, MI*
Joe Miller is a structural engineer specializing in the design and engineering of timber framer structures. As partner with Fire Tower Engineered Timber, he heads up the Michigan office located just across the lake on the Keweenaw Peninsula. Catching the timber framing bug early in life when helping restore the familial homestead, Joe gained academic experience through graduate engineering degrees in mortise and tenon joinery as well as key-laminated timber beams. He had hands-on experience working with several timber frame companies, both in the office and in the shop, before working as a consulting engineer, licensed throughout the US and Canada.

Emily Moe - *Duluth, MN*
Emily Moe has been a milliner and haberdasher for close to ten years. She learned her trade by apprenticing under Master Milliner Eva May in Chicago. She is captain of the Milliners of Etsy, a global group of over 300 milliners. She has been active in a dizzying number of artistic projects from knitting to radio drama, tango to bead embroidery and has been a piano teacher for 18 years. She loves hat-making because she can use all of her experience with other media in her hats. She believes that what one wears is a person's purest form of artistic expression and that it is good to be comfortable in both stilettos and Carhartts, but probably not at the same time. She and her husband Adam, an embroidery artist, are the driving forces behind Moe Sew Co -- Fine millinery and hand-embroidery for the discriminating weirdo. They have shown their work together at craft fairs in Minneapolis, Chicago and Nashville. Emily's Moe Sew Co millinery division maintains an Etsy storefront at MoeSewCoMilliner.etsy.com. She relocated to Duluth from Chicago last August.

Eric Moshier - *Duluth, MN*
Eric is a third-generation stone mason who has over 25 years of experience. As the owner of Solid Rock Masonry in Duluth, he has built Finnish, Swedish, Russian and German style masonry heaters throughout the Midwest and southern Ontario. A longtime member of the Masonry Heaters Association, he has led numerous workshops across the Great Lakes Region and at the MHA annual gathering. To compliment his strong desire to educate people about heating with wood in efficient and beautiful ways, Eric has pursued projects ranging from coaching hockey to building log homes to being an environmental consultant. Visit www.solidrockmasonry.com.

Cindy Muus - *Grand Marais, MN*
Cindy is a graduate of Concordia College in Moorhead, Minnesota, and has taught family and consumer sciences at Cook County High School in Grand Marais since 1976. She has been an instructor with North House since 1999 and calls this region home. She enjoys sewing not only because it is a creative outlet, but also because it gives one the ability to customize style, fabric, fit, and design features to suit individual tastes and needs.

Northwoods Fiber Guild - *Grand Marais, MN*
North House is pleased to partner with the members of our area's Northwoods Fiber Guild to host the Northern Fibers Retreat. The Northwoods Fiber Guild has over 55 members and meets bi-monthly to celebrate the many forms fibers can take. Each December, the Guild hosts a not-to-be-missed Holiday Open House and Sale with hundreds of handmade items. During the Retreat, the Guild will host the Saturday night Show-and-Share, as well as the Fibers for Kids program, which will be taught by Kay Rosenthal, Mary MacDonald, Cheryl Larsen, Penny Ortmann, Maxene Linehan and Karen Cedarmoon.

Mollie O'Brien & Rich Moore - *Denver, CO*
Mollie O'Brien and Rich Moore have known each other for 31 years, been married for 29 of them, made music together and apart all that time, raised 2 daughters and finally in 2010 recorded their first studio release as a duo - Saints & Sinners. Long time Mollie fans know her remarkable voice from her many years working with her brother, Tim O'Brien, as well as her solo work released on Sugar Hill Records. She knows no limits to stylistic boundaries and is unlike any singer in her ability to deliver an unaffected performance in any style she tackles. Amazingly, given how many artists fall to the temptation, O'Brien and Moore have managed to resist the siren call of singer-songwriterdom and have instead focused their efforts on the fading art of interpretation. Rich Moore's impeccable guitar work is the perfect complement to O'Brien's versatility and together their egoless endeavors rouse the spirit of the songs and never cast the performance in cliches. Saints & Sinners, with sounds of ragtime, jazzy blues, tango, folk and saloon cabaret is the definition of Americana music. Mollie and Rich are also part of the family band, O'Brien Party of 7 which features their family (Mollie, Rich, daughters Brigid and Lucy), brother Tim O'Brien and Tim's sons Jackson and Joel. Their new cd, Reincarnation - The Songs Of Roger Miller was released in April 2012. Mollie and Rich will be featured on Mountain Stage Radio and in the Unplugged Singer-Songwriter Circle in September, 2012.

Phillip Odden/Else Bigton - *Barronett, WI*
Phillip and Else are professional woodcarvers and furniture makers in the Norwegian tradition. They have taught carving classes for over 20 years, specializing in the classic ornamental styles of Baroque (acanthus), Rococo, and Romanesque dragon style. Else is also an accomplished weaver and cabinet maker. Phillip enjoys picture carving, free form ale bowls, and kubbestols. The couple was commissioned to work on the Stave Church which stands in the Norwegian Pavilion at Epcot in Florida and the Gol Stave Church replica, which stands in Minot, North Dakota. Visit www.norskwoodworks.com to learn more.

Beatrice Ojakangas - *Duluth, MN*
Beatrice is a freelance food writer who lives in Duluth, Minnesota. She has BS degree in Home Economics from the University of Minnesota Duluth. Beatrice has been a food editor at Sunset Magazine in California and has also written for food magazines including Gourmet, Woman's Day, Family Circle, Country Living, Bon Appetit, Cooking Light, and Fast and Healthy. Beatrice has written 29 cookbooks, one of which, "The Best Casserole Cookbook Ever (500 recipes!)," was recently cited as one of the top 100 cookbooks by Cooking Light Magazine. In May 2005, she was inducted into The James Beard Foundation's Cookbook Hall of Fame, joining famed foodies Julia Child and Jacques Pepin.
www.beatrice-ojakangas.com

Grant Olson - *Decorah, IA*
Grant is a gardener, builder, and teacher who developed an interest in self-sufficient living while growing up in the fields and forests of southwest Wisconsin. He currently creates educational and interpretive content for Seed Savers Exchange in Decorah, Iowa, and maintains their display gardens during the growing season.

Jim Ouray - *Duluth, MN*
Jim is a puppeteer and builder. He has directed and performed in the summer solstice puppet pageant here at North House for many years. When he is not making puppet shows, Jim is often tinkering with shelters. Having grown up in a big city on the east coast, Jim has long yearned for smaller dwellings in beautiful places. Jim loves home made cabins and camp shelters, and has found yurts to be a remarkable hybrid between the two. He appreciates the adaptability of yurts, and believes that time spent in a circle improves the disposition. Jim lives on the beach in Duluth and in the forest outside Grand Marais.

Shawn Perich - *Grand Marais, MN*
Shawn Perich grew up in a northern Minnesota hunting family and began helping out with home deer processing at a young age. He is an avid hunter who enjoys preparing and eating wild game. Perich is veteran outdoor writer and co-owner of Northern Wilds Media, Inc. in Grand Marias. His popular weekly column, Points North, has appeared in Minnesota Outdoor News for over 20 years. He resides in Hovland with his partner Vikki and their two dogs.

Craig/Dianne Peterson - *Grand Marais, MN*
Craig and Dianne relocated to Grand Marais from Waseca, Minnesota, where they made their own Swedish Potato sausage and demonstrated sausage making at Farmamerica, the Minnesota Agricultural Interpretive Center. With a focus on organic ingredients and healthy food products, they have been teaching classes at North House for over 11 years and have been featured in the Minneapolis Star Tribune. Over the years, they have expanded sausage offerings to include German, Italian, Mexican, American, Morroccan and Minnesota's own "North House Wild." They are currently expanding into smoking sausage.

Lou Pignolet - *Hovland, MN*
Lou grew up in New Jersey and came to Minnesota in 1970 where he taught and did research as a chemistry professor at the University of Minnesota in Minneapolis. After 38 years he retired to Hovland, MN to enjoy the wild nature of the North Shore. Lou and his wife have had a cabin in Hovland since 1980. Lou has always had an interest in woodworking and became inspired by the beautiful lathe turned wood bowls in Hawaii during a vacation in 2005. After taking a course in wood turning on a spring-pole lathe at the North House in 2006, he set up a woodturning shop in Hovland and learned the craft by trial and error and advice from wood turners in Hawaii. Lou spends much of his time turning artistic bark-edged and unusual shaped bowls from local wood. His bowls combine the natural beauty of the wood with form and function. He participates in art shows and workshops on the North Shore and has established a reputation for making unique wooden bowls that are in high demand.

Harley Refsal - *Decorah, IA*
Harley specializes in Scandinavian-style flat plane figure carving, a minimalist style that leaves the tool marks exposed. He has won numerous carving awards and has taught carving classes throughout the United States, Canada, and Scandinavia. In 1996, he was decorated by the government and King of Norway for his contributions to Norwegian folk art studies. Harley is the author of "Art and Technique of Scandinavian-Style Woodcarving." In addition to his carving and teaching, Harley is a professor of Norwegian language and Scandinavian folk art at Luther College, Decorah, Iowa.

Bob Ristow - *Hopkinton, IA*
Bob's interest in Shaker Oval Boxes began with a visit to the Canterbury Shaker Village in New Hampshire. To advance his knowledge in box making he attended several classes taught by John Wilson at the Home Shop in Charlotte, Michigan, to learn the procedures in making these boxes. Since then Bob has demonstrated these procedures at several woodcarving clubs in Iowa and Minnesota, and has taught several classes at the Fine Woodworkers Store in Cedar Rapids, Iowa, Waldorf Woodcarving Weekend at Forest City, Iowa and at the Woodcarvers Rendezvous at West Glacier, Montana. Bob is also experimenting with different woods, shapes and sizes to make these boxes. His other interests are woodcarving, woodturning, winemaking and fiber arts.

Judy Ritger - *River Falls, WI*
Judy has been rosemaling for over 30 years and has studied with many Norwegian instructors. She has had the privilege of joining three study tours to Norway through Vesterheim Museum, and has earned a Gold Medal in both rosemaling and woodcarving. Her interests in Norwegian craft include kolrosing, chip carving, figure carving, acanthus carving and dragon-style carving. If that weren't enough, Judy and her husband can boast of 4 children, 13 grandchildren and 4 great-grandchildren, keeping them quite busy all year-round.

Karen Rognsvoog - *Minnetonka, MN*
Karen has been dyeing natural fibers and growing plants for dye since the mid-70s. Always interested in the colors of nature, boiling plants, weeds, flowers and bark for use with fibers made this an inexpensive hobby for her. After some hands-on experience, she began teaching in schools and community centers in the Twin Cities area. She regularily teaches at North House Folk School and the Clearing Folk School, Minnetonka Center for the Arts, and the Minnetonka Community Center. She is a professional pianist, amateur cellist and teaches piano lessons. Some of her other hobbies include fishing, Japanese ink painting, Japanese shibori, gardening (has her own dye garden), spinning and ham radio. She's always on the lookout for new and interesting dyestuffs so don't follow her on the road too closely. She notes, "I brake for roadside weeds."

Ann Russ - *Grand Marais, MN*
Ann has been a resident of Cook County since the 1980s. She has led numerous naturalist activities for all ages in all seasons and considers annual bird migrations one of life's joys. Harmony singing is another passion; her ability to spontaneously coax multiple harmony parts out of any size group, whether four or four hundred, is legendary.

Jim Sannerud - *St. Paul, MN*
Jim Sannerud has been working with wood since he took a woodworking class at the age of nine. That experience inspired him to start his own woodworking business and teaching others the beauty and quality of hand-made woodenware. In 2007 he began a pilot program in Ukraine, teaching woodturning to children in orphanages. He has taught private and small group classes for the last 4 years in his St. Paul studio, as well as in various folk schools throughout Minnesota and the Woodcraft store in Bloomington. Jim makes his living as a woodturner, and lives with his wife Nancy and dog Jack in St. Paul.

Mary Schliep - *Grand Marais, MN*
Mary started rosemaling in 1989 and has been busily painting ever since. Mary specializes in the Valdres and Telemark styles (each defined by the geographic region where they found their beginning in Scandinavia). Since the school's founding, Mary has been a consistent teacher at North House. She demonstrates annually at Hostfest in Minot, North Dakota.

Larry Schmitt - *Madison, WI*
As a child, Larry learned many textile techniques from his parents, including nalbinding. Since the early 1980s, he has been teaching and researching nalbinding and has written a number of instructional manuals. These workbooks are some of the only resources on nalbinding in English. Larry has taught and exhibited nalbinding throughout the country and has even had students from Norway and Germany, but he considers North House home base. Larry is also interested in traditional, easy-to-complete textile projects that utilize tools and equipment that are portable and easy to obtain or construct. His classes at North House reflect his continuing interest in traditional textile crafts.

Randy Schnobrich - *Grand Marais, MN*
Randy's life in the North is a classic: he has mushed dogs, planted 20,000+ trees on his homestead and built eight outbuildings on his property (but still no garage). He moved to the North Shore from Wisconsin in 1994 with plans to raise a family and create a new lifestyle. After buying some land "back in the woods a bit," he and his wife built a woodshop and log home, a perfect spot to raise three kids and live a little closer to the earth. With more than 20 years of woodworking under his belt, Randy has built everything from cabins to dogsleds, commissioned furniture to custom doors. Nearly all of his interests lie in the outdoors, and he says it's hard to remember life before Cook County.

Michael Seiler - *Robbinsdale, MN*
Michael is a goldsmith and jewelry designer in Minneapolis, MN, and has been working in the metal arts since 1995 mastering the techniques of fabrication, stone setting, wax carving, stone cutting, and stone inlay work. He has worked with a number of prominent local designers as well as teaching metal working classes at Minnetonka Center for the Arts. Michael's jewelry designs were recently exhibited at the Dahl Center for the Arts, Rapid City, SD. His goals are to create new and innovative techniques in stone setting, and ring design combining lapidary and metal work. Visit www.michaelseilerdesigns.com.

Mike Siemsen - *Chisago City, MN*
Mike Siemsen is a woodworker with over 40 years experience as a carpenter, a cabinet maker and a restorer of 18th century furniture. Mike feels that using hand tools keeps us closer to the material and allows us more freedom when making design choices. He finds that using the tools and methods of our ancestors connects us to our past, that the "old" way of working wood is quieter and safer and allows for relaxation and reflection. He enjoys studying the history of woodworking and using the tools of the past and present to make furniture. Mike works and teaches classes at his shop in Chisago City, MN. Visit his website at www.schoolofwood.com

Erik Simula - *Grand Marais, MN*
Erik is a master birch bark canoe builder and former national park ranger at Grand Portage National Monument. Inspired by Finnish, Saami, and Anishinabe art and culture, Erik skis or hikes to his cedar sauna-home in the woods. Hunting, trapping, fishing, harvesting wild rice, netting fish, and hauling ice and firewood by dog team contribute to Erik's subsistence lifestyle. A former outdoor skills instructor for Voyageur Outward Bound and Vermillion College in Ely, Minnesota, Erik's many skills include being a logsmith, dogsled builder, snowshoe-maker, and wilderness guide. Visit www.arrowheadjourney.wordpress.com to learn more of Erik's latest adventures.

Karen Smaby - *Grand Marais, MN*
In an effort to un-earth herself from the mountains of scraps she accumulates as an avid fiber artist, Karen revels in recycling projects, like penny rugs, that make use of materials she already has. Karen works with both wool and paper to create an intensity of colors and textures in items of everyday use. She is a member of and exhibits through the Northwoods Fiber Guild and teachers bookbinding to local high school students.

Terrence Smith - *Duluth, MN*
The beat of a drum, the jangle of bells and the sight of ribbons flashing by: Terrence Smith is in the house! Terrence has been sharing traditional American folk dances and music with people of all ages for more than 30 years. A dance caller, musician and general community-builder, Terrence specializes in teaching tunes and dances to beginners, including young children, and has a unique gift for making anyone feel comfortabler. Just try not to smile when Terrence is at work!

Melinda Spinler - *Grand Marais, MN*
Melinda Spinler, together with her husband/man of all trades, lives on a self-sustaining homestead outside of Grand Marais. She is a partner in a cooperative Community Supported Agriculture, raises chickens and ducks for eggs and meat, operates a commercial maple syrup operation, harvests wild edibles of all kinds, enjoys electrical usage generated via the sun and wind, fills their freezers/root cellar/pantry shelves with their food year round and still has time to enjoy the northwoods. Whew…

Gigi Stafne - *New Auburn, WI*
Gigi is an enthusiastic educator, activist and writer within the botanical and natural medicine world, presently the coordinator of Herbalists Without Borders, a national & international non-profit addressing issues of natural medicine health care access globally. Earth ethics, ecology, sustainability and environmental health are woven through all the courses that she teaches. Presently, she teaches through Green Wisdom and operates Wild Earth Eco Tours offering programs herbalism to cross cultural ethnobotany tours. Gigi invites you to join her in a North House class with open hands, heart and mind.

Jarrod StoneDahl - *Odanah, WI*
Jarrod lives in Northern Wisconsin with his wife, April, and their four children. Jarrod is of Scandinavian descent and much of his woodworking style is taken from this. He has been working with wood professionally since 1993. Using primarily hand tools, Jarrod carves spoons and bowls, builds skin boats and birch bark canoes, and log and timber framed homes and much more. WOODSPIRIT, their business, is dedicated to the preservation and use of the items that were used in earlier times through day to day living.

Paula Sundet Wolf - *Grand Marais, MN*
Paula has been gathering grasses and brush to make traditional crafts for the past 25 years. A resident of northern Minnesota, Paula has a deep appreciation for the Northwoods and its resources and likes to convey that appreciation through her basket weaving and twig furniture. Paula has an MA in anthropology with an emphasis on utilitarian art of North American cultures. She shows and sells her work at the Johnson Heritage Post and area art stores.

Rueben Swenson - *Grand Marais, MN*
News articles written about "The Frugal Fly Fisher" make apparent Rueben's wealth of knowledge of fly fishing the Arrowhead region of Minnesota, as well as the southern regions of the White River system of Arkansas and Missouri. Rueben was certified as a fly casting instructor by the Federation of Fly Fishing in 1998 and has instructed numerous individuals and groups on all facets of fly fishing. Ask him about the two world records he holds for brown trout caught on a fly rod sometime.

Gene Tokheim - *Dawson, MN*
Gene has been teaching since the 1980s in the United States and Norway. His work has been exhibited in shows at the University of Minnesota, the Folk Art Museum in New York City, and the Hedmark Museum in Hammer, Norway. Gene has won the Gold Medal in knifemaking in the national competition at the Vesterheim Museum in Decorah, Iowa. Gene graduated with an arts degree from Southwest Minnesota State University.

Rob Wells - *Grand Marais, MN*
Rob Wells is the executive chef of Lutsen Resort. He is a native New Mexican having grown-up in the vicinity of Santa Fe and has worked at several area restaurants most notably the Coyote Café, Inn of the Anasazi, and La Casa Sena. Rob lives in Grand Marais with his wife Kate, and their two daughters Bronwyn and Aria.

Tom Westbrook - *Minneapolis, MN*
Tom Westbrook is an artist, writer, designer, teacher and craftsman. He studied Art History, Studio Arts and Architecture at the University of Minnesota. He has practiced at Shelter Architecture and Sala Architects. Currently he is an Adjunct Assistant Professor at the University of Minnesota, a Lecturer at the College of Visual Art where he teaches a visual geometry class, and has taught at Augsburg College and the Minneapolis College of Art and Design. He designs and builds objects, furniture and structures.

Marie Westerman - *Grand Marais, MN*
Marie Westerman is a weaver/fiber artist who exhibits her work around the country. She also teaches, writes and lectures about weaving. The particular weaving technique she specializes in, pick-up doubleweave, is a modern adaptation of an ancient type of weaving associated with the Scandinavian countries. Her artwork involves pictorial images woven using two or more different-colored warp layers, interwoven to achieve reversible patterns. Much of her current inspiration comes from her surroundings near her home in the north country near Grand Marais.

David, Samantha and Stephanie Williams - *Grand Marais, MN*
David Williams along with daughters Samantha Williams and Stephanie (Williams) Radloff, who were born and raised in Grand Marais, are all U.S. Coast Guard Licensed, operate their Lake Superior charter fishing and guiding business on Lake Superior. Their love for fishing, friendliness, and knowledge of the area will assure you of a memorable trip aboard the 27' Foot Regal Commodore, aptly named "Fishin Chics & Dad".

Jo Wood - *Duluth, MN*
Jo loves gardening, walks in the woods, and every kind of textile art. An award-winning bead and fiber artist, she has practiced her skills with needle and thread for over 40 years, making everything from tipis to wedding ensembles. She has shared her knowledge and passion for hand stitching with students both regionally and nationally since 1997. Jo is a bead artist inspired by nature. Through her work she shares her connection with the abundance, peace and beauty of this place. Visit her website at www.JoWoodBeads.com.

Greg, Jeanne & Olya Wright - *Grand Marais, MN*
Jeanne, Olya and Greg have been playing with wood their whole lives (or so it seems to one member of the family!). Perhaps this is an inevitable sensation when home building is on the To Do List. Timber cutting to floor laying, window trim to porch decking an endless array of projects insured that a limitless supply of small wood blocks have always been nearby, ready to be put to good use. Chickens, abundant gardens, bees, collecting
rocks and endless miles of ski trails & canoe routes beckon as well, offering equally intriguing activities to compliment their woodshop adventures. Woodworking is just one of many excuses Jeanne, Olya and Greg use for hanging out at North House.

Jeanne Wright - *Grand Marais, MN*
Jeanne believes that hands are a glimpse into a person's life story. Her grandparents'strong thick fingers supported their farming life. Inspired by those around her that create with their hands, Jeanne has kept hers busy, too. She has built her own timber frame house and sauna (with her trusty husband), stocks the root cellar with garden produce, renders bear fat for soapmaking, and wields a hammer to build toys with her daughter. From wood working to fiber arts, beekeeping to mosaics, her hands are beginning to show her life's work. Grandpa would be proud.

Nick Wroblewski - *Viroqua, WI*
Nick is a Midwest printmaker specializing in hand cut wood block prints. He studied art at Bennington College in Vermont and later taught himself the technique of relief printmaking. Nick was a working member of Highpoint Center for Printmaking in Minneapolis for three years and now has a print shop in Viroqua, Wisconsin. Nick's work is usually derived from the natural world with themes about animal communication, migration, and survival. He has been busy creating new images with woodblocks since 1996. Visit Nick's website at www.nickwroblewski.com.

Rick Yonker - *White Bear Lake, MN*
Rick has been tinkering with wood for many years. He has also been bow hunting and doing recreational archery since 1980. In 1995 he began learning the craft of building traditional longbows. He has taken several classes and taught many others how to build their own wooden bows. Rick managed his own bow building business called Kickapoo Valley Longbows. Now a high school teacher, Rick lives in White Bear Lake with his lovely wife Sue, three beautiful daughters, and his cat Honey.

John Zasada - *Grand Rapids, MN*
The biology, ecology, use and management of birch in northern forests has been a favorite topic of John's for many years. John is a retired silviculturist with the U.S. Forest Service in Grand Rapids.

staff

L-R seated: Kay Costello, Registrar and Office Manager; Kelly Dupre, Volunteer Coordinator and Classroom Coordinator; Jessa Frost, Program Director; Beth Homa, Program Intern; Greg Wright, Executive Director; Kate Watson, Communications Manager. L-R standing: Candace LaCosse, Program Intern; Cindy Hansen, Office Assistant; Mica Harju, School Store Manager and Intern Coordinator; Ian Barrett, Program/Sailing Intern; Russ Viton, Facility Manager; Kathleen Viton, Office Assistant.

Course Registration

Course registration may take place over the telephone, by mailing/faxing in a completed course registration form or by going online to www.northhouse.org Upon receipt of a registration and payment of the registration deposit, space in the selected course is reserved. A confirmation packet is then mailed out, including a required tools/materials list, a list of local accommodations and a liability release form which must be signed prior to class.

Course Sizes & Registration Deadlines

Courses are intentionally kept small and often fill quickly. Pre-registration as early as possible is encouraged. Registering at least three weeks prior to the course start date is especially advisable as courses without a minimum number of registrations may be cancelled. If you find a class you want to take close to the start date, give us a call. Last minute changes may have left a spot open just for you!

Deposit & Payments

A registration deposit equal to $50 or 33% of the course tuition (whichever is greater) is due upon registration. For courses with tuition less than $50, the registration deposit equals the full course tuition. The remaining tuition balance plus the materials fee (unless otherwise indicated), is due three weeks before the course begins. For courses where the materials fee varies, the fee is paid directly to the instructor on the first day of class. Payments must be made in US funds by cash, check or money order payable to North House Folk School. We also accept credit cards: Visa, M/C, AMEX or Discover.

Waiting Lists

North House manages waiting lists for courses that have filled to capacity. Individuals on the waiting list are contacted only if an opening becomes available.

Cancellations

If we must cancel a course, students receive a full refund of any payments made for that course. Students who cancel their enrollment more than 21 days prior to the first day of the course will receive a refund less a $50 cancellation fee to cover administrative costs. In recognition of the time and energy instructors invest in preparing for courses, students who cancel their enrollment 21 days or less prior to the first day of the course are not eligible for a refund.

Age Policy/"Age with Adult" Intergenerational Learning

All classes at North House Folk School are designed for and open to students 18 years old and up. In the interest of encouraging intergenerational learning, some North House courses are open to students under the age of 18 provided that they are accompanied by a fully enrolled adult student. Due to the unique nature of each course, minimum age requirements are defined by the instructor. All courses that are open for intergenerational learning are clearly defined by the course description, and tuition rates may vary for adult/youth pairings. Generally youth tuition is discounted 25% , please inquire at registration about restrictions and more information.

Local Discounts

A local discount of 25% off course tuition (up to $200 a calendar year) is available to legal, year round residents of Cook County, Minnesota. The discount does not apply to materials fees. Proof of legal residency is required (MN Driver's License or MN State ID).

Scholarships

Scholarships are available based on financial need. Call us at 218-387-9762 for more information.

Non-Discrimination Policy

In the operation of North House Folk School programs, no individual or group will be discriminated against because of race, gender, national origin, age or disability.

Membership

North House Folk School exists thanks to the financial support of 700+ donors whose foresight and generous commitment have been an essential. If our educational efforts align with your own ideals and interests we encourage you to become a supporting member. Every gift makes a difference.

Membership benefits include two annual course catalogs, our membership newsletter *Shavings,* invitations to special events and programs, and free-admission to special event speaker programs.

North House Folk School is recognized by the Internal Revenue Service as a 501(c)(3) non-profit school. All donations are tax deductible to the extent allowed by law.

Memorials, In-Kind Gifts and Endowment Bequests

North House Folk School welcomes many types of charitable contributions as long as they support our educational mission and vision. Gift types include annual support, memorials, in-kind donations and planned giving. For more information on giving, please contact us at 888.387.9762. North House's endowment fund is part of the Cook County Community Fund and the Duluth-Superior Area Community Foundation.

course registration &membership form

Name _____

Mailing Address _____

City _____State _____ Zip _____

Phone _____

E-mail _____

☐ **YES, I want to sign up for the following courses:**

Course Title	Date of Course	Tuition	Materials
_____	_____	_____	_____
_____	_____	_____	_____
	Totals	_____	_____

Deposit ($50/course or 1/3 tuition, whichever is greater) _____

☐ **YES, I know North House is a 501(c)3 non-profit and want to support its mission. (Your gift is tax-deductible.)**

My/Our donation amount is: (circle one) $25 $50 $75 $100 Other _____

Please list my/our name as follows for donor recognition: _____

___ This donation is for North House annual/membership support campaign
___ This gift is a memorial recognizing _____
___ I/We wish to be anonymous
___ My gift will be matched by my employer
___ I have included North House in my estate
___ I would like to learn more about including North House endowment in my will

☐ **Payment Information**

Total Enclosed: Deposit of _____ + Donation of _____ = _____

___ check enclosed: made payable to North House Folk School
___ credit card: please bill my credit card

name on credit card _____
card number _____
exp. date _____ security code (on back of card) _____

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