



Terrace Ridge Academy

Farm Living and Learning Classes!

Module	Available Topics	Suggested
		<u>Time/Instructors</u>
	The Science of Farming	
	1. Soil fertility and fertilizers	
Soil Science	2. Using a soil survey	2 hours
	3. Soil sampling and analysis	Carol Parker
	4. Using a soil textural triangle	Matthew Parker
	1. Establishing pastures	
Pasture	2. Herbicides	2 hours
Establishment and	3. Pesticides	Carol Parker
Maintenance	4. Weed identification	Matthew Parker
	1. Seed germination	
Agricultural	2. The carbon and nitrogen cycles	1 hour
Biology	3. Nutrients necessary for life	Carol Parker
	Farming the Land	
	1. Overview – What to expect	
Permanent Crops	2. Blueberries - soil preparation, care,	1 Hour
	propagation	Nick Lasala
	3. Grapes - soil preparation, care, propagation4. Blackberries - soil preparation, care,	
	propagation	
	1. Preparation	
Gardening	2. Planting	2 Hours
	3. Maintenance	
	4. Watering	
	5. Picking	

		(910) 039-8113
	6. Crop Rotation	
	7. Green House	
	8. Year Round Gardening	
	9. Composting	
	y. Composing	
	1. Qualitatively evaluating hay quality using	
Hay	sight, smell, taste, and touch	1.5 hours
	2. Quantitatively evaluating hay quality using	Matthew Parker
	a hay test	
	3. Hay production methods in NC	
	4. Comparing hay prices and matching hay	
	quality to animal needs	
	5. Hay storage	
	3. Hay storage	
	Animal Production and Products	
	1. Incubating	
Poultry	2. Hatching	1.5 hours
Production	3. Brooding	Shawna Muhly
Chickens	4. Transferring to Outside	•
Turkeys	5. Culling for Food and other reasons	
j	6. Raising chicks from one day old	
	7. Brooder box	
	8. Chicken coop design	
	9. Roosts vs. nesting boxes	
	10. Chicken nutrition	
	11. Homeopathic Worm Prevention	
	12. Diseases	
	Basics of small animal husbandry	
Small Animal	2. Breeding	1.5 hours
Production	3. Birthing	Shawna Muhly
(Goats, Rabbits)	4. Care	
(5. Raising Rabbits for Fiber	
	2. Training Travels 191 1 1001	
	1. Basics of sheep husbandry	
Sheep Production	2. Sheep pasture and nutrition	1 hour
	3. Breeding	Amy MaComber
	4. Birthing	
	5. Care	

		(910) 039-8113
Bee Keeping	Bee keeping for honey, money and pollination	1 Hour
Milk Production	 Maintaining Cows for milk production Calving Sheltering 	1 Hour
Beef Production	 Beef cattle husbandry Beef cattle facilities Visually evaluating beef quality Managing and predicting average daily gain Reading a cattle market report Beef cattle nutrition From pasture to plate: understanding dressing percentages and yield percentages 	2 hours Matthew Parker Michael Parker
	Farm Maintenance and Building	
Fence Construction and Maintenance	 Wire: Electric, Woven, Barbed, Hi-Tensile Fence Types: chicken, dog, rat, etc. Posts: Wood, T-Posts, Temporary, Fiberglass Electric Fence Set up Post Setting and Corner bracing Calculating cost-per-foot 	1.5 hours Michael Parker Matthew Parker
Farm Equipment Overview	 Selecting and Using a Small Tractor Maintaining a small tractor Connecting Tractor Implements Understanding a hay mower, tedder, rake, and baler Tillage tools: plow, disc, cultivators, and more Mowers: disc mower vs. sickle mower vs. bush hog vs. finishing mower vs. flail mower Miscellaneous: auger, subsoiler, aerator, etc. 	2 hours Matthew Parker Michael Parker

Small Engines on the Farm 1. Chain saws. 2. Weedeaters. 3. Irrigation pumps and principles of irrigation. 4. Lawnmowers. 5. Utility vehicles. 1. Material selection (wood, concrete, etc.). 2. Carpentry tools: circular saw, reciprocating saw, table saw, miter saw, drill, drill press, vice, etc. Farm Living 1. What do you need? 2. Water how to 3. Septic 4. Permits 5. Voluntary Ag District 6. Bona Fide Farm 7. Financing Homeschooling 1. Introduction to Homeschooling 2. What is required? 3. How do you start? 4. Identifying a curriculum 5. Homeschooling Resources/Support Groups 6. Cooping — Play to your Strengths 7. Transcripts Food Preservation 1. Freezing 2. Canning 3. Drying 4. Cellars 1. What can you do to make money on the farm from home? 1. What can you do to make money on the farm from home? 1. What can you do to make money on the farm from home? 3. Soon			(710) 037 0113
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		(910) 039-8113
	4. Crafts	
	5. Angora/Wool Production	
	6. Agri-Tourism	
	7. More	
	Produce your own herbs	
Herb Gardening	2. Composting	1 hour
	Learn about resources	
Home Health	2. Natural herbs	1-2 hours
	3. Natural healing	
	4. Supplements	
	5. Covid 19 Preventatives	
	6. Healing benefits of Bone Broth	
	7. Basic First Aid	
	8. Wound Care and Treatment	
	o. Wound Care and Treatment	
	I have been amazed at how many people	
	ask me how to cook beef. Carol Parker is	1-2 hours
Enjoying Beef	an accomplished cook of beef and Michael	1-2 Hours
Enjoying been	Parker has mastered grilling techniques	Michael Parker
		Carol Parker
	that make the perfect steak easy. Learn	Carol Parker
	how to cook and enjoy Terrace Ridge Beef	
	from the producers of it.	
	Designed for the beginner very can shoose	
Hunting	Designed for the beginner, you can choose	1 2 Houng
Hunting	your interest and we will provide an	1-2 Hours
	instructor,	
	On the form a good knot can make a big	
Vnot Twins	On the farm, a good knot can make a big	1 Hour
Knot Tying	difference. A bad knot can cost you more	
	than money. Learn knot tying from a four-	Michael Parker
	time NC Heavy Duty Rescue Champion!	
	And yes, there may event be some rescue	
	or farm stories thrown in!	
	Home Protection	
	1. Land, Aquatic and Air Based Predators	
Wildlife Predators	2. Scat and Tracking	1 Hour
		Catherine Goodson

		(910) 039-8113
	Lethal vs. Non-Lethal Trapping and Eradication	
Firearms	General Introduction to Firearms	1 hour
Firearms	Advanced Firearms – Shooting/Operation	2 hours
Protecting Your Investment	 Learn the Law related to home/farm protection Trespassing Breaking and Entering Insurance Patenting Trademarking 	1 hour Michael Parker Matthew Parker
	Just for Fun	
Murder Stories	Michael Parker is a retired homicide prosecutor who has taught prosecutors in 15 states. During his life, Michael worked approximately 800 homicides including some that made it to TV. Michael specialized in circumstantial evidence cases, most of which were like a "made for TV movie." Want to hear about them? Yeah, we can do that – just for fun.	1-2 hours Michael Parker
Story Telling	You don't try nearly 150 jury trials without becoming a pretty good storyteller. Michael Parker will tell you farm stories, rescue stories, or trial stories – just for fun!	1 hour Michael Parker
Constitution and the Law	Want to learn about the constitution and the NC Court System? Learn from Campbell Law School's 2021 Valedictorian and a retired homicide prosecutor. Seriously –we will teach it in the cow palace!	2 hours Michael Parker Matthew Parker
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