

Monday Morning Short Course Schedule

		Core Classes			Electives			
		Track 1	Track 2	Testing	Top-Bar Hives	Sideliner Topics	Value-Added Products	Microscopy
		Brandywine 31	Brandywine 33	Apiary	Brandywine 31	Brandywine 4	Merion 109	Merion 208
REGISTRATION	7:00–8:00	Breakfast for Dorm Residents (Lawrence)						
	8:00–8:45	SC111 * Biology of Individuals in the Hive Debbie Delaney	SC102 * Equipment & Construction Mark Antunes	SC151 * Drop In Q&A or Take the Core Field Exam	SC171 Top-Bar Hands-On Management Wyatt Mangum <i>(Limit 25-Preregistration Required)</i> <MEET IN APIARY>	SC301 Hobbyist/Sideliner Marketing Techniques Carleen Vorisek	SC221 Making Creams and Lip Balms with Beeswax Grace Crawford	M101** Introduction to Microscopes (& Pollen) Don Coats
	9:00–9:45	SC112 * Biology of the Colony Debbie Delaney	SC101 * Siting Hives, Good Neighbors, & BMP David Papke			SC302 Maximizing Honey Production Michael Palmer		
	9:45–10:15	Break (Brandywine Foyer)						
	10:15–11:00	SC121 * Reading Hives & Frames Mark Antunes <MEET IN APIARY>	SC111 * Biology of Individuals in the Hive Debbie Delaney	SC151 * Drop In Q&A or Take the Core Field Exam	SC172 Top-Bar Seasonal Management, Other Topics Wyatt Mangum <MEET IN CLASSROOM>	SC303 Considerations for Honey Houses and Extraction Rooms Dennis Keeney	SC222 Making Creamed Honey Vince Aloyo	M209** American Foulbrood Identification, in the Hive and under the Scope Bart Smith
	11:15–Noon	SC124 * Management through the Seasons Stephan Repasky <MEET IN APIARY>	SC112 * Biology of the Colony Debbie Delaney			SC304 Building a Profitable Bee Business Dan Conlon		
	Noon–1:30	Lunch (at Sykes)						

Monday Afternoon Short Course Schedule

		Core Classes			Electives			
		Track 1	Track 2	Testing	Top-Bar Hives	A Detailed Look at Bees & Pests	Queen Rearing	Microscopy
		Brandywine 31	Brandywine 33	Apiary	Apiary	Brandywine 4	Merion 109	Merion 208
REGISTRATION	1:30–2:15	SC142 * Diseases Part 1—Infectious Brood Diseases Vince Aloyo	SC121 * Reading Hives & Frames Mark Antunes <MEET IN APIARY>	SC151 * Drop In Q&A or Take the Core Field Exam	SC171 Top-Bar Hands-On Management Matthew Feldman (Limit 25-Preregistration Required) <MEET IN APIARY>	SC305 Nucs Are My Business Mike Palmer	SC201 Bee Biology for Queen Rearing Elina L. Niño & Bernardo Niño	M101** Introduction to Microscopes Don Coats
	2:30–3:15	SC143 * Diseases Part 2—Parasites and Adult Bee Diseases Vince Aloyo	SC124 * Management through the Seasons Stephen Repasky <MEET IN APIARY>			SC341 What We Know about Varroa Mites Diana Sammataro	SC202 Equipment and Setup for Queen Rearing Elina L. Niño & Bernardo Niño <MEET IN APIARY>	
	3:15–3:45	Break (Brandywine Foyer)						
	3:45–4:30	SC132 * Products of the Hive David Papke	SC123 * Nucs, Splitting Hives, & Combining Hives Mark Antunes <MEET IN APIARY>	SC151 * Drop In Q&A or Take the Core Field Exam	SC199 Travel through Bee (and American) History: A Visit to a Local Bee yard and Apiary Museum Warren Graham <i>(Pick up map at registration and drive 20 minutes to site. For more information, see page 46.)</i>	SC342 Small Hive Beetle Biology and Control Debbie Delaney	SC203** Grafting Elina L. Niño & Bernardo Niño (LIMIT 20)	
	4:45–5:30	SC122 * Hive That Swarm Stephen Repasky <MEET IN APIARY>				SC309 Top Five Things to Be Successful in Beekeeping Panel Discussion Mike Palmer & Dennis Keeney	SC203** Grafting Elina L. Niño & Bernardo Niño (LIMIT 20)	
5:30–7:30	Dinner (On Your Own)							
7:30–8:30	Q&A with the Core Level Instructors *	Q&A with the Elective Instructors	Movie Night (Allegheny Theater)					

* Of special interest to new beekeepers.

** Seating is limited and on a first come basis. You may choose to guarantee your spot by putting your name on the sign-up list at the Registration Desk.

Tuesday Morning Short Course Schedule

Core Classes				Electives				
Track 1	Track 2	Testing	Green Bees, Healthy Bees	A Detailed Look at Bees and Maladies	Train the Trainer <i>(Preregistration Required)</i>	Value-Added Products	Microscopy	
Brandywine 31	Brandywine 33	Apiary	Sykes Theater	Brandywine 4	Brandywine 10	Merion 109	Merion 208	
7:00–8:00 Breakfast for Dorm Residents (Lawrence)								
REGISTRATION	8:00–8:45	SC102 * Equipment & Construction Mark Antunes	SC141 * Noninfectious Disorders in the Hive Jim Bobb	SC151 * Drop In Q&A or Take the Core Field Exam	SC181 Overview and History of Organic, Natural, & Biodynamic Beekeeping Ben Bower	SC343 Understanding Nosema Holly Holt	SC401 Train the Trainer All Day Event Bill Mares & David Tarpy	SC231 Handmade Soaps Using Honey & Bees Wax Part I Landi Simone
	9:00–9:45	SC101 * Siting Hives, Good Neighbors, & BMP David Papke	SC131 * Feeding Bees Vince Aloyo		SC182 Natural Beekeeping & Certified Naturally Grown Buddy Marterre			SC320 Requeening Considerations Wyatt Mangum
	9:45–10:15 Break (Brandywine Foyer)							
	10:15–11:00	SC133 * Honey Processing David Papke	SC142 * Diseases Part 1—Infectious Brood Diseases Vince Aloyo	SC151 * Drop In Q&A or Take the Core Field Exam	SC183 Easy Queen Rearing Techniques (w/out Grafting) Warren Graham <MEET IN APIARY>	SC322 How Bees Communicate Maryann Frazier	SC401 Train the Trainer All Day Event (Continued)	M222** Detecting Nosema Infection in Honey Bees Holly Holt (LIMIT 20)
	11:15–Noon	SC141 * Noninfectious Disorders in the Hive Jim Bobb	SC143 * Diseases Part 2—Parasites and Adult Bee Diseases Vince Aloyo		SC184 Queens: Local, Russian, Italian, Carniolan, Hygienic... Which Should I Choose? Dan Conlon			
	Noon–1:30 Lunch (Sykes)							

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Tuesday Afternoon Short Course Schedule

		Core Classes			Electives							
		Track 1	Track 2	Testing	Green Solutions for Varroa Control	Queen Rearing Followup	A Detailed Look at Bees	Train the Trainer (Preregistration Required)	Microscopy			
		Brandywine 33	Brandywine 31	Apiary	Sykes Theater	Merion 109	Brandywine 4	Brandywine 10	Merion 208			
REGISTRATION	HONEY SHOW DROPOFF	1:30–2:15	SC123 * Nucs, Splitting Hives, & Combining Hives Mark Antunes <MEET IN APIARY>	SC133 * Honey Processing David Papke <MEET IN BRANDYWINE 33c>	SC151 * Drop In Q&A or Take the Core Field Exam	SC191 Why Treat for Varroa— Pros & Cons Buddy Marterre		SC321 The Communication Signals in Honey Bee Swarms Tom Seeley	SC401 Train the Trainer All Day Event (Continued)			
		2:30–3:15	SC131 * Feeding Bees Vince Aloyo	SC132 * Products of the Hive Steve Repasky		SC192 Three Steps to Healthier Bees: Natural Size Cells, Proper Nutrition, and Local Genetics Adam Schreiber	SC204 Check the Queen Cells Elina L. Niño & Bernardo Niño <MEET IN APIARY>	SC306 Considerations When Expanding the Number of Hives Zac Browning				
		3:15–3:45	Break (Brandywine Foyer)									
		3:45–4:30	SC152 * Core Written Test			SC193 Varroa Control by Breaking the Brood Cycle Steve Repasky		Cooking with Honey Pennsylvania Honey Queen Program		SC401 Train the Trainer All Day Event (Continued)		
	4:45–5:30	Bee Olympics (Academic Quad)										
	5:30–7:00	Dinner (On Your Own)										
	7:00–7:30	Honey Ice Cream Social (Sykes Theater Foyer)										
	7:30–8:30	Certificate Ceremony (Sykes Theater) Dewey Caron , EAS Chairman Emeritus & EAS Master Beekeeper Advisor, Keynote Speaker										

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EAS Board of Directors' Meeting
8:30–10:30 p.m. (Brandywine 4)