

**Wednesday May 9**

Today's emphasis is on lectures and exams for Journeyman, Master, Master Craftsmen, and Welsh Honey Judge Candidates. Certified practical exams are offered by appointment today, Thursday, and morning only on Friday.

	Journeyman schedule, 116 Maxwell	Master schedule, 117 Maxwell	Welsh Honey Judge training levels I and II, Rollins level 2, English, Weaver, Young	
8:00	Parasites, Berry	General review time, Delaplane		
8:45	Toxicology, G. Williams	Toxicology, Johnson		
9:30	General review time, Delaplane	State of the art Varroa control, Berry		
10:15	break			
10:30	General review time, Delaplane	Pollination biology and human economics, Arnold	Welsh Honey Judge training levels I and II, Rollins level 2, English, Weaver, Young	
11:15		Non- <i>Apis</i> bees and their conservation, Fortuin		
12:00	Lunch			
1:00-4:00	Journeyman practical examinations, Maxwell 109, Dix, Garrison	Certified practical exams available by appointment*, Maxwell 113, 114, staff	Master and Master Craftsman audits, Maxwell 116, Arnold, Delaplane	Welsh Honey Judge training levels I and II, Rollins level 2, English, Weaver, Young
	Journeyman audits, Maxwell 106, Hodges, Berry			
4:00-5:00	Journeyman and Master written examinations, Maxwell 117, Garrison			

\* schedule your exam time at online registration; Certified candidates must sit for two exams: a practical and written. The written exam is Friday 1:15.

**Thursday May 10**

Today's lectures are open to everybody, but candidates for the Certified written exam should pay special attention to classes highlighted in blue. Welsh candidates for levels I and II should attend sessions highlighted in red. Certified practical exams are offered by appointment today and Friday morning. Please sign up for a time slot when you check in\*.

7:00 am - 6:00 pm	Registration open in Maxwell lobby <b>Honey show entries due by 12:00.</b>									
8:00-8:15	Welcome and opening details, Rollins Suber, Delaplane									
8:15-9:05	Plenary lecture: The place of pesticides in pollinator decline, Rollins Suber, Johnson									
9:15-10:05	How to grow a nuc, Rollins Suber, Lohman	Parasites, Rollins Hatcher, Berry	Getting started: the principles, Maxwell 106, Funderburg	Pathogens, Maxwell 117, Arnold	Winter and spring management, behind Maxwell, Garrison	Rearing the best queens, Maxwell 107, B. Williams	Welsh Honey Judge training levels II and III, Rollins level 2, English, Weaver, Young	"Modern primitive" beekeeping, Maxwell 116, Wallace		
10:15-11:05	Landscape plants for bees and other pollinators, Rollins Suber, Fielder	Parasites, Rollins Hatcher, Wilson	Getting started: the principles, Maxwell 106, Long	Pathogens, Maxwell 117, Hodges	Winter and spring management, behind Maxwell, Jarrett	Rearing the best queens, Maxwell 107, B. Williams	Welsh Honey Judge training levels II and III, Rollins level 2, English, Weaver, Young	"Modern primitive" beekeeping, Maxwell 116, Wallace		
11:15-12:05	Landscape plants for bees and other pollinators, Rollins Suber, Fielder	Parasites, Rollins Hatcher, Berry	Getting started: the principles, Maxwell 106, Funderburg	Pathogens, Maxwell 117, Arnold	Winter and spring management, behind Maxwell, Garrison	The secret life of drones Maxwell 107, Mahood	Welsh Honey Judge training levels II and III, Rollins level 2, English, Weaver, Young	Solitary bees and their conservation, Maxwell 106, Fortuin		
12:05-1:15	Lunch for general registrants, Rollins cafeteria, advance ticket sales will be available in the Rollins lobby.									
12:05-1:15	Invitational Master luncheon, Rollins 3d floor student loft, open to sitting Master and Master Craftsman beekeepers only. Pre-registration required. Open Q&A time with guest speakers – Berry, Delaplane, Johnson, Lohman, G. Williams, Young. Master Beekeepers are encouraged to wear their badges.									
1:15-2:05	Plenary lecture: A year in a commercial beekeeper's life, Rollins Suber, Lohman									
2:15-3:05	Bee and beekeeper defenses, Rollins Suber, G. Williams	Biology of individuals, Rollins Hatcher, Johnson	Biology of the colony, Maxwell 117, Delaplane	Getting started: the real thing, behind Maxwell, Dix	Catching swarms, Maxwell 106, B. Williams	The secret life of drones Maxwell 107, Mahood	Welsh Honey Judge levels I and II, Rollins level 2, English, Weaver, Young	Solitary bees and their conservation, Maxwell 106, Fortuin	Certified practical exams available by appointment Maxwell 113, 114, staff	

3:15-4:05	Bee and beekeeper defenses, Rollins Suber, G. Williams	Biology of individuals, Rollins Hatcher, Johnson	Biology of the colony, Maxwell 117, Wilson	Getting started: the real thing, behind Maxwell, Garrison	Things to consider when processing honey, Maxwell 106, Binnie	Cell-punch method for queen rearing, Maxwell 107, Montgomery	Welsh Honey Judge levels I and II, Rollins level 2, English, Weaver, Young	Observation hives, Maxwell 116, Long	
4:15-5:05	How to grow a nuc, Rollins Suber, Lohman	Biology of individuals, Rollins Hatcher, Hodges	Biology of the colony, Maxwell 117, Delaplane	Getting started: the real thing, behind Maxwell, Dix	Things to consider when processing honey, Maxwell 106, Binnie	Cell-punch method for queen rearing, Maxwell 107, Montgomery	Welsh Honey Judge levels I and II, Rollins level 2, English, Weaver, Young	Observation hives, Maxwell 116, Long	
5:15	Honey show awards, Rollins Suber, with ice cream social to immediately follow								

\*Certified candidates must sit for two exams: a practical and written. The written exam is Friday 1:15.

**Friday May 11**

Today's lectures are open to everybody, but candidates for the Certified written exam should pay special attention to classes highlighted in blue. Certified practical exams are offered this morning. Please sign up for a time slot when you check in\*. Certified written exam is today at 1:15.

7:00 am - 6:00 pm		Registration open in Maxwell lobby							
8:00-8:15		Welcome and opening details, Rollins Suber, Delaplane							
8:15-9:05		Plenary lecture: 50 years of honey bee virology, Bartlett							
9:15-10:05	Top 10 best practices in modern beekeeping, Rollins Suber, Wilson	Oxalic glycerin towels: the update, Rollins Hatcher, Berry	Building hive equipment, Maxwell 108, Funderburg	Summer and fall management, behind Maxwell, Weaver	Basic honey processing, Maxwell 117, Dix	Overview of Welsh Honey Judge program for beginners, Rollins 258, English	How honey and wax are made, Maxwell 116, Kelley	Apitherapy with honey, Maxwell 106, Cahill-Roberts	Certified practical exams available by appointment*, Maxwell 113, 114, staff
10:15-11:05	Using mathematics to understand honeybee disease, Rollins Suber, Bartlett	Oxalic glycerin towels: the update, Rollins Hatcher, Berry	Building hive equipment, Maxwell 108, Funderburg	Summer and fall management, behind Maxwell, Jarrett	Basic honey processing, Maxwell 117, Dix	Overview of Welsh Honey Judge program for beginners, Rollins 258, English	How honey and wax are made, Maxwell 116, Kelley	Apitherapy with honey, Maxwell 106, Cahill-Roberts	
11:15-12:05	Increasing propolis collection in your hives, Rollins Suber, Hodges	Reusable beeswax wraps, Hatcher, Mahood	Building hive equipment, Maxwell 108, Funderburg	Summer and fall management, behind Maxwell, Weaver	Basic honey processing, Maxwell 117, Dix		Honey varietals, pairings, and taste components, Maxwell 116, Fielder	Art therapy with beekeeping, Maxwell 106, Echezarreta	
12:05-1:15	Lunch, Rollins cafeteria, advance ticket sales will be available in the Rollins lobby								

1:15-2:05	Plenary lecture: When chemicals and pathogens collide, G. Williams							Certified written exam, Rollins level 3 loft, Garrison
2:15-3:05	Using mathematics to understand honeybee disease, Rollins Suber, Bartlett	Reusable beeswax wraps, Hatcher, Mahood	Pieces and parts of a bee hive, Maxwell 107, Binnie	Removing bees from walls, Maxwell 117, B. Williams	The Oregon Master Beekeeper Program, Maxwell 106, Lohman	Honey varieties, pairings, and taste components, Maxwell 116, Fielder	Mead making, Maxwell 113, Young	Urban vs. Ag: what are the risks for bees?, Maxwell Planetarium, Johnson
3:15-4:05	Top 10 best practices in modern beekeeping, Rollins Suber, Wilson	Keeping bees alive, Rollins Hatcher, Jarrett	Pieces and parts of a bee hive, Maxwell 107, Binnie	Removing bees from walls, Maxwell 117, B. Williams	Make-your-own beekeeping field toolbox, Maxwell 108, Long**	Producing comb honey, Maxwell 116, Cahill-Roberts	Mead making, Maxwell 113, Young	Urban vs. Ag: what are the risks for bees?, Maxwell Planetarium, Johnson
4:15-5:05	Increasing propolis collection in your hives, Rollins Suber, Hodges	Keeping bees alive, Rollins Hatcher, Jarrett	Honey bee facts, Maxwell 107, Lohman	Top Bar Beekeeping, Maxwell 117, Mahood	Make-your-own beekeeping field toolbox, Maxwell 108, Long**	Producing comb honey, Maxwell 116, Cahill-Roberts	Mead making, Maxwell 113, Young	The seven things successful beekeepers have in common! Planetarium, Fielder
6:00	Low country boil, Hiawassee River Retreat; announcing new Certified, Journeyman, Master Beekeepers, and Welsh honey judges							

\*Certified candidates must sit for two exams: a practical and written. The written exam is today 1:15.

\*\*Students will build and take home a field toolbox (see photo). Check your intention to attend this workshop on the registration form. An additional course fee of \$25 per participant will be collected at registration to cov