

CERTIFIED ASPHALT TECHNICIAN TRAINING COURSE AGENDA

Title – Time	Subjects	Instructor	Reference
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Monday Morning from 9:00 to 12:30

Moderator: Jim McKinney

Registration

8:00 to 9:00	Olin Hall Rm. O-229	Jim McKinney	
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Introduction

9:00 to 9:15	Opening Comments	Jim McKinney Ron Walker	
	Agenda/Manual Update		

Math for HMA

9:15 to 9:45	Round-Off Rules PWL Calculations Safety	Ron Walker	Chp 1
9:45 to 10:00	** BREAK **		

Aggregates

10:00 to 11:30	Introduction Specifications	Bob Rees Bart Williamson	Chp 2
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Aggregates (continued)

11:30 to 12:30	Sampling Testing	Dave Hamilton	Chp 2
12:30 to 1:30	Lunch -- Hulman Memorial Union (HMU) - Performing Arts Room		

Monday Afternoon from 1:30 to 6:00

Moderator: Jim McKinney

Laboratory Tests -- A Section

1:30	HMA Lab	Kurt Sommer
to	HMA Plate Sampling Video	Kim Stout
3:30	HMA Coring Video	Kasey McDonald
	RAM Demonstration	
	Gyratory Compaction Demo	
	Equipment Calibration Lab	Harley Phillips Cartia Martin
3:30 - 3:45	** BREAK **	
3:45	Aggregate Lab	Dave Hamilton
to	Splitting	Don Lecklitner
5:30	Decant	Bob Dahman
	Gradation	Bart Williamson
	Specific Gravity	Bob Rees
	Flat & Elongated Particles	Wayne Tharp
	Coarse Aggregate Angularity	
	Fine Aggregate Angularity	

Laboratory Tests -- B Section

1:30	Aggregate Lab	Dave Hamilton
to	Splitting	Don Lecklitner
3:30	Decant	Bob Dahman
	Gradation	Bart Williamson
	Specific Gravity	Bob Rees
	Flat & Elongated Particles	Wayne Tharp
	Coarse Aggregate Angularity	
	Fine Aggregate Angularity	
3:30 - 3:45	** BREAK **	
3:45	HMA Lab	Kurt Sommer
to	HMA Plate Sampling Video	Kim Stout
5:30	HMA Coring Video	Kasey McDonald
	Gyratory Compaction Demo	
	RAM Demonstration	
	Equipment Calibration Lab	Harley Phillips Cartia Martin
5:30	Daily Recap	Jim McKinney
to	Sand Equivalency	Keith Royer
6:00		
6:00	Dinner	

Review Session at Hotel (Optional)

7:30

Tuesday from 9:00 to 5:30

Moderator: Jim McKinney

Asphalt

9:00 to 9:45	Introduction to Manufacture Testing Grading PG Binder Specs	Tony Kriech (Todd Peregrine)	Chp 2
9:45 to 10:00	** BREAK **		

Mix Design

10:00 to 12:30	Introduction Air Voids, VMA, & VFA Plant Considerations Superpave	Gerry Huber (Dudley Bonte)	Chp 4
12:30 to 1:30	Lunch		

Laboratory Tests -- A Section

1:30 to 5:00	Specific Gravity Lab Demonstrations Bulk Specific Gravity Maximum Specific Gravity CoreLok Coredry	Matt Beeson Wayne Tharp Steve Stout
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Laboratory Tests -- B Section

1:30 to 5:00	HMA Lab HMA Sample Reduction Specimen Fabrication Gyratory Compaction Binder Testing Apparatus Demo Extraction Demo Ignition Oven Demo	Bob Dahman Dave Hamilton Kurt Sommer Cartia Martin	Kasey McDonald Kim Stout Steve Stout Harley Phillips
5:00 To 5:30	Daily Recap/PWL Calculations	Jim McKinney Bob Dahman Dave Hamilton Kurt Sommer	
6:00	Dinner		

Review Session at Hotel (Optional)

7:30

Wednesday from 9:00 to 5:30

Moderator: Jim McKinney

HMA Plants

9:00 to 11:15	Introduction Plant Types Operations Plant Inspection Sampling QC Troubleshooting	Bob Dahman Dave Hamilton Kurt Sommer	Chp 3
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11:15 to 11:30 ** BREAK **

Quality Control Troubleshooting

11:30 to 12:30		Dudley Bonte Brad Cruea	Chp 4
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12:30 to 1:30 Lunch - HMU - Performing Arts Room

Laboratory Tests -- A Section

1:30 to 5:00	HMA Lab HMA Sample Reduction Specimen Fabrication Gyratory Compaction Binder Testing Apparatus Demo Extraction Demo Ignition Oven Demo	Bob Dahman Dave Hamilton Kurt Sommer Cartia Martin Kasey McDonald Kim Stout Harley Phillips
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Laboratory Tests -- B Section

1:30 to 5:00	Specific Gravity Lab Demonstrations Bulk Specific Gravity Maximum Specific Gravity CoreLok	Matt Beeson Wayne Tharp Steve Stout
5:00 To 5:30	Daily Recap/PWL Calculations	Jim McKinney Bob Dahman Dave Hamilton Kurt Sommer
5:30	Dinner	

Review Session at Hotel (Optional)

7:30

Thursday from 9:00 to 5:00

Moderator: Jim McKinney

Quality Assurance Specifications

9:00 to 10:30	Introduction to Random Sampling PWL Specification Requirements Pay Factors	Mike Prather Matt Beeson	Chp 5
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10:30 to 10:45 ** BREAK **

Quality Assurance Specifications (continued)

10:45 to 12:00		Mike Prather Matt Beeson	Chp 5
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Certified HMA Producer Program

12:00 to 12:30	General Requirements to Good Practices	Matt Beeson	Chp 6
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12:30 to 1:30 Lunch

Certified HMA Producer Program (Continued)

1:30 to 2:00		Matt Beeson	Chp 6
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5:00 Dinner

Review Session at Hotel (Optional)

7:00

Friday Morning from 8:00 to Noon

Moderator: Jim McKinney

Course Exam

8:00
to
12:00

Written Exam

Jim McKinney