

Compact Gyrotory Bricks	3	Can compact bricks
Test Bricks	4	Can run, "d" "D"
Mix Analysis	4	Able to analyze a mix
Adjustments	1	Can adjust a mix
Validity of Tests	2	Understand the variability of tests
Relating Test Results	1	Relates test values to performance
Mix Design Submittals	1	Familiar with forms
Computer Applications	2	Familiar with computer designs
Equipment Requirements	1	Know lab equipment requirements
Review	3	Ready to take test
Exam	3	Passes test and is qualified to design H.M.A. mixes
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COURSE OUTCOMES*	At the successful completion of this course, students will be able to:
	<ul style="list-style-type: none"> List applicable IDOT specifications that apply to IDOT QC/QA, which relate to the design of Hot Mix Asphalt.
	<ul style="list-style-type: none"> Discuss Aggregate Specific Gravity and how it relates to the design of Hot Mix Asphalt.
	<ul style="list-style-type: none"> Demonstrate the proper methods of aggregate blending and mixing in the process of batching Hot Mix Asphalt.
	<ul style="list-style-type: none"> Analyze a mix and determine adjustments to maintain a proper Hot Mix Asphalt design.
	<ul style="list-style-type: none"> Discuss the variability of test results and how those test values relate to mix performance.
	<ul style="list-style-type: none"> Properly submit a mix design for verification to IDOT.

* Course Outcomes will be used in the Assessment Software for Outcomes Assessment. Limit to 3 - 5.