	COURSE OUTLINE ACCOMPANYING EDUCATIONAL COURSE APPLICATION
Course Provider:	Joseph P. Nagan
Course Name:	**PYSCHROMETRICS-Dew-Point for Dummies**
Course Length:	1.5 hours
Course Instructor:	Joseph P. Nagan
Course Content:	This course addresses the many ways in which moisture can be transported through a building assembly. This information and basic knowledge is critical in an effort to design, build, and renovate homes. Since moisture damage and related claims are on the rise, attendees will be shown just how to calculate and predict building performance related to moisture. Many real-world examples will be discussed and the current library of "myths" will be examined. As new data becomes available, this course is updated and therefore includes the most up-to-date science available for residential construction in WI.
Specific Content Areas: 1,2 = 30 minutes 3,4 = 30 minutes 5,6 = 30 minutes	1. Moisture issues – nature at work 2. Moisture transport mechanisms – natural processes 3. Vapor diffusion and vapor retarders – what's the difference 4. Radon reduction 5. Air flow & quality 6. Insulation & sealing of the home
Learning Outcomes:	• Understand the magnitude of moisture transport. • Know how specific materials respond to WI's climate. • Understand how different construction methods result in differing outcomes regarding moisture and air issues. • Acquire knowledge regarding the most up-to-date techniques and products to produce quality residential construction.
Other:	Moisture issues are a continuous challenge for the home builder and the home owner. It's important that residential construction contractors receive the latest information and improved practices to correct, reduce or eliminate the issues. This course is applicable to new construction, remodeling and design.

12-6-19