



Hillsborough, New Jersey

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Reg. N.J. Remodeler # 13VH03065300 * U.S. EPA Lead-Safe Firm # NAT-20233-1

BACKGROUND

Teaching, public speaking, and program development from the American Red Cross - Instructor & public speaker (mid-'70's-mid-'80's) through to today, for a wide variety of size groups, demographics, educational level, and company hierarchy, and on a broad spectrum of topics.

SELECTED TRAINING & PRESENTATION EXPERIENCE

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| <ul style="list-style-type: none">• Raritan Valley Community College• Warren County Community College• New York City Real Estate Investment Assn.• The Hunterdon-Somerset Assn. of Realtors• Bucks County Audubon Society 2009 "Green Building"• WDVR-FM – repeat guest – topics Green Building, Permitting & Regulatory Issues• Fairleigh-Dickinson Univ. 2009 "Green Building" | <ul style="list-style-type: none">• Instructor, The NJ Community College Consortium EPA/HUD/NJ DCA Lead-Based Paint Renovation, Repair and Painting program• Fairleigh-Dickinson Univ. 2009 "Green Building"• Flemington, NJ Expo 2008, permitting and regulatory issues• DeVry Institute 2003 Guest lecturer on Project Management |
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EDUCATION, LICENSES, PROFESSIONAL AFFILIATIONS, & SELECTED ACCOMPLISHMENTS

- My prior 20+ year corporate career involved project management and technical specialties across industries; types and sizes of projects, and both the public and private sector
- U.S. EPA Lead-Safe Firm # NAT-20233-1 & NJVCCC Certified Instructor
- Passed part A of the NJ RCS (building inspector) exam; Solid IRC (International Res Code) skills;
- Temple University, Philadelphia, PA, MBA (1989)
- Project Mgt Inst. (www.pmi.org) (1986-2007), Former cert. PMP (project mgt professional) & past Vice Chair for its Design-Procurement-Construction Group (dpcsig.org)
- Member, Somerset County Business Partnership, and its Sustainable Somerset Committee
- Member, U.S. Chamber of Commerce
- Have successfully represented The Artisans Group pro se on two occasions
- 2008 Community Builders Assn. of NJ Awards of Excellence for Historic Restoration
- 2009 Central Jersey Chapter, National Assn. of the Remodeling Industry Meritorious CoTY award "Interiors under \$100 K"
- # 5 ranked J.D. Power & Associates rated builder in Lennar Corp's NJ Division in 2003

The Basics

Green Careers

What is “Green”...Really? Career Decision-Making Abstract Skills	Career Progression Certifications and Organizations	Career Progression Sectors & Fields Barriers to Entry
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This course is presently designed with two variants (focus on construction, focus across industries & sectors). It is not just about energy efficiency or environmentalism. “Green” is much more! The program duration is currently three hours, and will be extended as its scope matures. Those who want to understand the “Green Movement”, New graduates, and career-changers will appreciate this course, especially with its no-holds-barred, pragmatic bent.

Ethics in Construction Practice

<ul style="list-style-type: none">• Cousins, Ethics & Excellence• Interpretations & Perspectives• Black, White, and Gray• Stakeholders & Resources• The Decision-Making Process• Artisanship & Professionalism• Case Studies	<ul style="list-style-type: none">• The Basics...ethics and why talk about them?• Various professional organizations and their standards• Is an ethical business more profitable?• Ethics, Profitability, Pragmatism...Business Realities• Owners’ Specifications vs. Standards of Practice• Primary Causes Construction Disasters• Why do some push the envelop?
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At this time, there are two variants of the course (24 hour and full-semester)

The course is designed to benefit construction professionals, regulators, trade professionals, designers, realtors, and anyone else who wants to learn especially about that fuzzy area between the “straight and narrow” and the real world.

Permitting and Regulatory Issues

<ul style="list-style-type: none">• Non-Payment• Ethics• Building Code• The Permitting Process• Standards of Practice• Impervious Coverage	<ul style="list-style-type: none">• Consumer Fraud & Contractor Registration• Construction, Contractual, Regulatory, & Permitting Pitfalls• Project Scope, Safety, & Hygiene• Excavations, Utilities, and Mark-outs• Project Management• Building Principles• Quality Management
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At this time, there is only a 12 hour version of the course.

The course is designed to benefit construction professionals, regulators, trade professionals, designers, realtors, and anyone else who wants to learn especially about how to help ensure a successful project. Attend this course if you want to reduce your risks of red inspection stickers, injuries, law suits, fines, jail time, wasted money, frustration, etc.

More of The Basics

Scheduling, Planning, Estimating

<ul style="list-style-type: none">• Addressing unknowns• Units of Measure (UOM's)• Contingencies – What If• The construction process	<ul style="list-style-type: none">• The stepwise nature of construction• Scheduling and Managing Projects• Project size, custom work, and complexity• It's not the math – we all know math, but how do we use it.	<ul style="list-style-type: none">• Case Studies• Estimating• Geometry• Evaluate a project
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This course is presently designed for six hours. Do-it-yourselfers, trade and real estate professionals (e.g. realtors, designers), and those who are considering a related career will appreciate this course.

Math for Tradespeople

<ul style="list-style-type: none">• Evaluate the Property• Project Management• It's not the math – we all know math, but how do we use it.• Conversions• Units of Measure (UOM's)	<ul style="list-style-type: none">• Estimating• Contingencies• Project Phases• Resources & Conditions	<ul style="list-style-type: none">• Examples• Garage• Kitchen• Deck
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This course is presently designed for 18 hours. Newer tradespeople, do-it-yourselfers, and those who are considering a related career will appreciate this course

Consumer Fraud

<ul style="list-style-type: none">• Putting it in Context• Contractor Registration• The Consumer Fraud Act• Types of Projects• Codes & Permits• Ethics• Contracts• Non-Payment	<ul style="list-style-type: none">• Project Management• Quality• Construction, Contractual, Regulatory, & Permitting Pitfalls• Building Principles & Standards of Practice <p>Course Goals</p> <ul style="list-style-type: none">• Protect all stakeholders, including our families, your businesses, staffs, and clients• Facilitate a healthy professional relationship across stakeholders, including regulators• Reduce stress & frustration for all stakeholders• Raise the bar for quality, professionalism, and ethics
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This course is presently designed for 24 hours. Construction, tradespeople, designers, and other A/E/C Professionals, as well as home and small-business owners, regulators, realtors, and affiliated stakeholders will receive value by attending this course

New - Professional Credit Courses

Avoiding Construction Project Stressors and Risks - DM2011TWP-REQ / 2011

To comply with NJSA mandate 56:8 -149 – “Public Information Campaign,” a presentation has been created. This presentation will be tailored to meet the needs of the Professionals (Engineers, Architect, Contractors, etc.) as well as information for the Homeowners. The goals of the presentations include:

- Protect all members of the A/E/C community; their families, businesses, staff, and clients
- Facilitate a healthy professional relationship with construction officials & other regulators
- Raise the percentage of “successful” projects
- Create a better business friendly environment, enhancing a project’s ability to move through the system in a more consistent manner thereby saving time and money.
- Reduce stress & frustration for all stakeholders

Credit Designation: Learning Units:	LU 6	Course Format:	Instructor-led face-to-face
Delivery Provider Chapter Contact	AIA NEW JERSEY/CENTRAL Jessica Johnston	400 Sullivan Way, Trenton, NJ 08628	609-883-8383, jessjohnstonaia@gmail.com
Instructors:	Jack Daniels -	Building Subcode Official Hillsborough Township, NJ	908-369-4313 x 172
	Wayne Baruch	President, The Artisans Group, LLC	908-256-5953

Learning Objective 1:

- Avoiding Common Construction Pitfalls and Consequences o Failure to use good written contracts between the owner, contractor, and subcontractors o Failure to document changes to the project o Failure to document and meet expectations o Failure to understand and comply with the documented processes o Failure to follow the construction codes.

Learning Objective 2:

- Avoiding Regulatory Pitfalls and Consequences o Failure to know the project requirements o Failure to choose the proper subcontractors o Failure to obtain the proper permits

Learning Objective 3:

- Consumer Protection o Checking a contractor’s license can tell you: o The contractor is actively licensed and has a surety bond; o The contractor submitted proof of liability insurance at the time of application and insurance renewal o The contractor submitted information that they carry Workers' Comp Insurance to protect its workers on the project

Learning Objective 4:

- Differentiating projects that require permits & inspections What requires a construction permit What are the required inspections • Step By Step instruction in filling out a permit o Building o Electrical o Plumbing o Fire o Elevator • Hazards in Construction Markouts • Impervious Coverage Calculations • Construction Etiquette • Real Life Condition and Outcomes

Building and Construction

What to Know Before Beginning a Project

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| <ul style="list-style-type: none">• What is your budget 101• Advance work to save later• Excavations• Staffing• Types of Projects• Project Management• Evaluating the property• Avoid Common Pitfalls | <ul style="list-style-type: none">• What do you want to do and why?• For those who might say, "Government is intrusive!"• Consumer Fraud, Contractor Registration, and Contracts• Project Scope, Safety, Hygiene, & Quality Management• Building Code, The Process, regulatory agencies, variances, & your goals• When do you want/need it to be complete?• What are the pros and cons of each part? |
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At this time, there is only a 24 hour version of the course.

The course is designed primarily to benefit real estate professionals like realtors and designers, as well as home and small business owners. Construction professionals, regulators, trade professionals, and anyone else who wants to learn more than “the basics”, and how to help prevent a failed project, for example, will appreciate this course. This is not “do-it-yourself” television.

Building/Rehabbing 101

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| <ul style="list-style-type: none">• Evaluating the Property• Building Code and Regulatory issues• “The Process” and your goals• How to Avoid Common Pitfalls• Project Management• Advance work to save later• Staffing• Types of Projects | <ul style="list-style-type: none">• What do you want to do and why?• What are the pros and cons of each part?• What is your budget 101• When do you want/need it to be complete?• Consumer Fraud, Contractor Registration, and Contracts• Permits... Which? How?• For those who might say, "Government is intrusive!"• Project Scope, Safety, Hygiene, & Quality Management |
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At this time, there is only a 24 hour version of the course.

The focus of this course is project start through completion. It is designed primarily to benefit new construction professionals, as well as regulators, trade professionals, and anyone else who wants to learn more than “the basics”, and how to help complete a project successfully. TEXT: Carpentry & Construction, 5th Edition, M. Miller & R. Miller, McGraw-Hill Professional; (October 20, 2009), ISBN: 978-0071624718

More Building and Construction

Green Building & Weatherization

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| <ul style="list-style-type: none">• Building Code• The Permitting Process• Heat gain & loss• Paradoxes• Preparation | <ul style="list-style-type: none">• Alternative energy• Design & decision making• Staffing• Excavation (NJ One-Call)• Project Close-Out | <ul style="list-style-type: none">• Overview, building as an organism• Different flavors of green• Alternative construction techniques• Common Regulatory Pitfalls |
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Learn options and choices of products and techniques to make a home or business, more productive and more efficient over its lifespan. Students review designing and planning, needs analysis and build vs. remodel. If you are interested in energy efficiency, building and remodeling and creating a healthier environment, you should attend this course.

Concepts support existing buildings and new construction, both residential and commercial (10 sessions) TEXT: Green from the Ground Up: Sustainable, Healthy, and Energy-Efficient Home Construction (Builder's Guide), Johnston & Gibson, Taunton Press, April 1, 2008, ISBN: 978-1561589739.

Optional Energy Professional Sessions (Instructor: James Del Grosso AIA, LEED AP)

Residential Energy Auditing - Learn about performing energy audits for residential construction using a whole building system approach. Energy auditing will improve energy efficiency and can give the homeowner, architect or home builder the full benefit of various energy savings measures. Topics presented are approved by RESNET Standards. (2 sessions)

IN-Home Energy Survey Professional - Prepare to become a home energy survey professional. This course presents concepts in Principles of Energy, Energy & Building Shell, Air Leakage, Insulation, Windows & Doors, Water Heating, Lights & Appliances and - Health & Safety, Chapter 7 & Appendix A of the RESNET Standards. Exam preparation is provided. Students must purchase the textbook Residential Energy, John Krigger & Chris Dorsi. (6 sessions)

Understanding House As A System - This course presents the concept of “house as a system” by exploring each component of construction and the implications that proper use of materials and techniques will have on improving energy performance. Using an actual case study the course will explain the details of design and construction methods and materials. The systems include:

Foundation Framing	Insulation Air Sealing	Windows & Doors Water Heating	Roof Design and Detailing Heating & Cooling systems	Lights & Appliances Interior Finishes
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Design professionals, builders, remodeling contractors, real estate professionals or homeowners completing the course will have valuable information that can be incorporated into your next energy efficient project (2 sessions)

More Building and Construction

Carpentry & Furniture Refinishing

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| <ul style="list-style-type: none">• Understanding a Client's Needs & Design Spec's• Discrepancies between Spec's & Client Goals• Project Management• Safety & Hygiene• Logistics | <ul style="list-style-type: none">• Standards of workmanship• Attention to detail• Ethics• When building partners are needed• Stakeholder reviews and approvals |
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While this material is part of our everyday work, this course was initially developed for Mercer County Community College, in support of their program with the Juvenile Justice Commission. It is currently intended to give the "right" start to those entering the workforce with respect to quality, technical expertise, professionalism, and safety. The course concludes with a brief overview of the topics in our "What to Know Before..." and "...101" courses. It is presently designed for 33 hours.

Impervious Coverage & Water Management

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| <ul style="list-style-type: none">• Impervious coverage and why care about it• Zoning Basics• Construction, Regulatory, & Permitting Pitfalls | <ul style="list-style-type: none">• Excavations and Mark-Outs• Impervious Coverage Calculations• Building Principles & Standards of Practice• The NJ Land Use Act |
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Course Goals

- Protect you & your family, your business, staff, and your client
- Facilitate a healthy professional relationship with construction officials & other regulators
- Reduce stress & frustration for all stakeholders

The course is geared to A/E/C Construction, Craftspeople, Trade, and Design Professionals, Owners, Regulators; Real Estate, and Affiliated Business Services Professionals. At this time, the course is designed as a three-hour introduction.

Call or write to arrange an informative, entertaining presentation for your professional association, civic, and/or A/E/C group, to name only a few, including candid ideas that you don't hear on do-it-yourself TV. We can create a presentation on a wide, deep variety of topics, ranging from a greater focus on aesthetics to a more technical bent, and include one or more from our incredible gamut of building partners.

Just like any other projects for our clients, "IT IS YOUR DESIGN!"

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