



Architect Registration Exam Preparatory Seminars 2009



The Young Architects Forum of the AIA Northern Virginia Chapter is pleased to present a **3-day Seminar with Professor David J. Thaddeus, AIA, to review the Structures Section of the A.R.E.** The seminar will be April 17-19 at Northern Virginia Community College, 3001 N. Beauregard Street Alexandria, VA 22311, Bisdorf Bldg, Room 291.

Seminar Schedule:

Friday, April 17	
8:30 AM – 9:00 AM	Breakfast
9:00 AM – 1:30 PM	<ul style="list-style-type: none"> ▪ Seminar Introduction ▪ Review of Trigonometry ▪ Forces: General Definitions, Force Solutions, Force Additions ▪ Moments and Couples ▪ Stresses and Strain/Hooke's Law
1:30 PM – 2:30 PM	Lunch
2:30 PM – 7:00 PM	<ul style="list-style-type: none"> ▪ Free Body Diagrams ▪ Equilibrium, Loads and Reactions ▪ Truss Analysis: Method of Joints, Method of Sections
Saturday, April 18	
7:30 AM – 8:00 AM	Breakfast
8:00 AM – 1:30 PM	<ul style="list-style-type: none"> ▪ Tributary Load Analysis ▪ Geometry of Sections ▪ General Beam Design Theory
1:30 PM – 2:30 PM	Lunch
2:30 PM – 8:00 PM	<ul style="list-style-type: none"> ▪ Load, Shear and Bending Moment Diagrams ▪ Design of Structural Members in Wood, Steel and Concrete ▪ Review of General Structures Mock Exams
5:30 PM – 8:00 PM	
Sunday, April 19	
7:30 AM – 8:00 AM	Breakfast
8:00 AM – 1:30 PM	<ul style="list-style-type: none"> ▪ Design of Steel Members ▪ Selection of Structural Systems ▪ Foundation Systems ▪ General Lateral Load - Resisting Strategies
1:30 PM – 2:30 PM	Lunch
2:30 PM – 5:00 PM	<ul style="list-style-type: none"> ▪ Wind Loads ▪ Seismic Loads ▪ Lateral Forces Mock Exams
5:00 PM - +/- 6:30 PM	<ul style="list-style-type: none"> ▪ Structural Vignette for ARE 4.0 (this presentation contingent on seminar progress)

SEMINAR TOPIC	DATE AND TIME	LOCATION	WILL ATTEND
David Thaddeus, AIA A.R.E. Structures 3-day Seminar	April 17 – 19, 2009 Starting at 8:30 AM on Fri. Starting 7:30 AM on Sat. + Sun.	Northern VA Comm. College Alexandria Campus Bisdorf Building - Room 291 3001 N. Beauregard Street Alexandria, VA 22311	<input type="checkbox"/> \$375 <input type="checkbox"/> \$335 (AIA Member) <input type="checkbox"/> \$18 3-Day Parking Pass

REGISTRATION INFORMATION (REQUIRED)			
Name: _____			
Address: _____			
City: _____	State: _____	Zip: _____	
Phone: _____	Fax: _____		
E-Mail: _____	AIA Number: _____		

To register: Please complete and return this form with payment to: **AIA Northern Virginia, 205 South Patrick Street, Alexandria, VA, 22314.** Phone: (703) 549-9747, Fax: (703) 549-9783. **Room Occupancy is limited so register in advance!** Price of seminar covers registration, handouts, mock exams, breakfast, and lunch for all three days. Please bring any supplemental snacks and drinks for break times. If you plan on parking at the college, make sure you purchase a 3-day parking pass. All cancellations must be made in writing and received at least 3 business days prior to start of the seminar. More information about seminar preparation will be made available after registration has been received.