



November Luncheon Notice:

We are pleased to announce this month's guest speakers are David Levine and Maylinn Rosales from Engineers Without Borders (EWB), who will be giving us an update on what the local chapter of EWB has been up to lately. The meeting will be held on Tuesday, November 17, 2009 at Lawry's Prime Rib at 4043 Howard Hughes Parkway.



David M. Levine is a Civil Engineer for the Las Vegas Valley Water District. He holds a B.S. in Environmental Engineering from UNR and a M.S. in Environmental Policy and Management from the University of Denver. He has years of experience working on local and international projects involving social development and water quality and quantity issues. David is currently the NSPE Southern Nevada Young Engineer of the Year. David is the founding president of the Las Vegas Professional Chapter of Engineers Without Borders (EWB). David traveled to Ghana in June of 2008 and developed the Ghana Orphanage Program which has been adopted by the EWB-LVP chapter. He has since returned to Africa to continue working on a new orphanage, bathrooms, and a well for 80 underprivileged children. David continues to support international engineering development and promotes engineers involvement in socially conscious engineering.



Maylinn S. Rosales, P.E. is a project engineer for Black & Veatch in the Water Division. She has a B.S. in Civil Engineer and an M.S. in Structures and Mechanics in Engineering from Idaho State University. Maylinn is the current ASCE Southern Nevada Engineer of the Year for the Private Sector. She is currently the ASCE YMF President and the President-Elect for Engineers Without Borders (EWB). She traveled to her home country of Nicaragua in January 2009 and developed the Nicaragua Water Treatment Program which has been adopted by EWB-Las Vegas Chapter. She is the technical lead for the Nicaragua project and also traveled to Ghana as part of the implementation team in June 2009 to implement Phase II of EWB's Ghana Orphanage Program.

The lunch will be held from 11:30 A.M. to 1:00 P.M. and the cost is \$25.00 for those who RSVP before 12:00 P.M. on Friday, November 13, 2009 and \$27.00 for those who register thereafter. If you would like to attend the November luncheon, please RSVP on the NSPE website http://www.nspenv.org/south/lunch-rsvp.html or contact Brook Demitropoulos at (702) 804-2042.

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November Luncheon Sponsor:



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## Calendar of Events:

Date	Activity / Location	Time
Friday 11/13/2009	10 <sup>th</sup> Annual MATHCOUNTS Golf Tournament	7:15 AM
Tuesday 11/17/2009	NSPE Monthly Luncheon Engineers Without Borders	11:30 AM
Thursday 12/10/2009	APWA Joint Luncheon at Boulder Station	11:30 AM
Saturday 2/20/2010	E-Week Banquet at the Gold Coast	6:00 PM

## NSPE Luncheon Sponsorship:

*Thank You* to Danny McFadden and TRC Solutions for sponsoring the October luncheon. The NSPE Southern Nevada Chapter and our Officers are grateful to all the local companies like TRC who continue to support NSPE efforts. If your company is interested in being a sponsor in 2009 or 2010, please contact Allen Pavelka at [apavelka@co.clark.nv.us](mailto:apavelka@co.clark.nv.us).

## Future City Volunteers Needed:



The Future City Competition is starting for 2009-2010. Sign up to be a mentor, judge or volunteer and you can earn Professional Development Hours (PDHs).

For additional information, see flyer attached at end of this newsletter. If you are interested in becoming involved in Future City, please register at the Future City regional website: [www.lvfuturecity.org](http://www.lvfuturecity.org) or contact Jimmy Leong via email at [LeongJY@bv.com](mailto:LeongJY@bv.com) or phone at (702) 319-4433 ext. 238.

## Why Become a NSPE Member?

The answer to that question depends on your needs. As the only engineering society that represents individual engineers across all disciplines, NSPE offers a full menu of services and products. What do you need to give you the *EDGE*? Find it with NSPE.

**Networking:** No matter what your specialty or in what area you work, networking is one of the most valuable NSPE benefits. With NSPE, you can choose to network in the ways that suit you best. Attend our annual convention, go to local chapter or state meetings, or use our online forums to talk with colleagues from your office or home.

**Career Advancement:** Whether you're looking for your first job or seeking a new opportunity, membership in NSPE can give you a career edge. In the Employment section of our Web site, you'll find job boards, a resume posting service, and Salary Survey information. Members receive the added benefit of having links to their resumes sent to potential employers. Experienced engineers can seek advice on career changes and discuss new opportunities with peers from around the country in our online career transitioning forum.

**Education:** As our professions become more specialized, continuing education becomes not only important but critical to career success. NSPE members can choose the offerings that fit their needs and their schedules: Licensure Programs, Online Courses, Self-study Videos, Local Programs and Courses.

**Professional Growth:** NSPE members benefit from a number of ways to set themselves apart in a tight job market. Our practice divisions allow you to learn more about your industry and network with others working in the same field. Take on leadership positions by working with your local and state chapters, or volunteer with MATHCOUNTS, the Junior Engineering Technical Society (JETS), or National Engineers Week.

If you are interested in joining NSPE, please visit: [www.nspe.org/ssl/membership/join\\_contact\\_info.asp](http://www.nspe.org/ssl/membership/join_contact_info.asp)

**NSPE on the Web:**





**MATHCOUNTS Golf Tournament:**



The 10<sup>th</sup> annual MATHCOUNTS and NSPE Scholarship Golf Tournament will be held on November 13, 2009.

For information about MATHCOUNTS or the NSPE Scholarship Golf Tournament, please call Claire Kohatsu, PE of Aztech Inspections & Testing at (702) 334-6117.

**NSPE Web Seminars:**

Free web seminars for NSPE members, the Fall 2009 schedule and registration form are attached or for additional information, you can visit the NSPE website at: <http://www.nspe.org/Education/WebSeminars/index.html>

**November 17, 12:30–1:30 PM (E.S.T.) - Reg. Fee\*\***

*Forensic Engineering (Co-Sponsored by National Academy of Forensic Engineers)*

Moderator: Marvin Specter, P.E., LS, F.NSPE, Hon.M.ASCE  
Panel: Michael Kravitz, P.E.; Michael D. Leshner, P.E.; W. T. (Dusty) Yaxley, P.E., CSP

**Description:** This session, based on real life cases, will highlight three different situations in which engineers are required. In addition, each of the cases involves a different level of penetration of the legal system.

\*\*Web seminar registration: NSPE and SAME members: \$119.00 each session, nonmembers: \$149.00 each session.

**December 8, 2009 at 12:30-1:30 PM (E.S.T.) - FREE**

*Social Media Smarts: An Introduction to the Social Web, Tools, and NSPE's Social Networking Strategy*

Speaker: Stacey Ober

**Description:** The use of social media tools and social networking has grown exponentially in the past few years. No longer just a home for teens and twenty-somethings, social media sites have witnessed unbelievable growth from organizations using them to network and effectively engage in two-way communication with their stakeholders. In this Web seminar, you will learn about the meteoric rise of social networking, the intricacies of the different social media tools available, and the tips and tricks NSPE employs in its own social networking strategy.

**2009-2010 Chapter Officers:**

- President..... Tony Hills, PE  
*Southwest Gas*
- Vice President..... Brook Demitropoulos, EI  
*G.C. Wallace, Inc.*
- Treasurer.....Rosa Cortez, PE  
*City of Las Vegas Public Works Dept.*
- Secretary..... Willard Pack, PE  
*Black & Veatch*
- Director..... James Cahill, PE
- Director – Membership/Website..... Olivia Furlan, PE  
*Brown & Caldwell*
- Past President.....Allen Pavelka, PE  
*Clark County Public Works*

**2009-2010 NV State Officers:**

- State President ..... Claire Kohatsu, PE  
*Aztech Materials Testing*
- President Elect..... David James, Ph.D, PE  
*University of Nevada Las Vegas*
- State Director-Auditor..... Rosa Cortez, PE  
*City of Las Vegas Public Works Dept.*
- State Past President ..... Tom Miller, PE  
*Martin & Martin*
- National Director ..... Charlie Vaughn, PE
- State Administrator..... Ramona Lesley

**NSPE Foundation:**

- President..... Michael Holloway, Ph.D., PE
- Trustee..... Tom Miller, PE
- Trustee..... Tony Hills, PE
- Trustee..... David James, Ph.D., PE
- Trustee..... Claire Kohatsu, PE
- Trustee..... Rosa Cortez, PE
- State MATHCOUNTS Coordinator..... Christine Smith
- Foundation Auditor Emeritus..... Charlie Vaughn, PE
- Treasurer ..... Ramona Lesley

**APWA**

in partnership with

**ACEC-ASCE-NSPE-AIA-ITE-SWE-CMAA-SAME-SMPS**

## **STUFF THE STOCKING FOR NEVADA CHILDREN IN NEED**



Santa has asked for our help in making this a very special Christmas for deserving children attending the Variety Early Learning Center preschool.

With your cash donations, Santa's Helpers will purchase each child at Variety a new jacket and a special toy. Let's show Santa just how good **YOU** can be by your donation of a check, cash, or Walmart gift card and you can leave the shopping to us. We've already started collecting, and we'll keep collecting until the holiday luncheon on Thursday, December 10, 2009. If you prefer to bring a toy, Santa's helpers will see to it that the toys are distributed to the children that need them the most.

Last year your support made a difference for over 140 children at the Variety Early Learning Center. We are looking forward to another successful event this year and thank you in advance for your generosity.

### **Santa's Helpers**

Kate Patterson, CH2M HILL  
953-1276

Rosa Cortez, City of Las Vegas  
229-6264

Faith Ann Logsdon, Ninyo & Moore  
433-0330

David Alexander, CMWorks  
256-4335

Keli Callahan, Carollo  
792-3711

Leslie Becker, ATC Associates  
798-5750





## 2009-2010 FUTURE CITY Competition

### Mentor Wanted



*"The mission of the National Engineers Week Future City Competition is to provide a fun and exciting educational engineering program for seventh- and eighth-grade students that combines a stimulating engineering challenge with a "hands-on" application to present their vision of a city of the future." <http://www.futurecity.org/>*

*Students compete by making a computer model, writing an essay, building a physical model and presenting their city to judges. A team is comprised of 3 students, a teacher and a MENTOR.*

***\*New!\*** As approved by State of Nevada Board of Professional Engineers and Land Surveyors in early 2009, some of the time spent by the MENTOR for the Future City Competition will be qualified for Professional Development Hours (PDH) to meet the Nevada's licensing requirement. The actual PDH to be awarded will be determined later.*

*If you are interested in being a Future City Mentor, please register at Future City regional website [www.lvfuturecity.org](http://www.lvfuturecity.org) or contact Jimmy Leong at [leongjy@bv.com](mailto:leongjy@bv.com) or (702) 319-4433 ext 238.*

**FUTURE CITY  
COMPETITION**

Don't just talk about the world!  
**Change it!**

The Future is in the  
hands of tomorrow's engineers

# NSPE FALL 2009 ONLINE SEMINARS REGISTRATION FORM

## ETHICS FORUM SERIES:

**Forum Series Registration:** NSPE & SAME members: \$ 119.00 each session,. Non-members: \$149 each session.

- October 7, 12:30:00 PM, 12:30 - 1:30 PM (Eastern) Session 2  
***Ethics Forum - Part II Objectivity, Truthfulness, and Preserving Confidentiality*** (1.0 PDH)
  
- November 11, 12:30:00 PM, 12:30 - 1:30 PM (Eastern) Session 3  
***Ethics Forum - Part III Conflicts of Interest and the Ethics of Gifts*** (1.0 PDH)

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**Web Seminar Registration:** NSPE: \$ 119.00 each session, non-members: \$149.00 each session

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| <ul style="list-style-type: none"><li><input type="checkbox"/> September 22, 12:30 - 1:30 PM (Eastern)<br/><b><i>The New Ethics and Compliance Rules for Contractors</i></b> (1.0 PDH)</li><br/><li><input type="checkbox"/> September 29, 12:30 - 1:30 PM (Eastern)<br/><b><i>Communicating Technical Ideas Persuasively</i></b> (1.0 PDH)</li><br/><li><input type="checkbox"/> October 8, 12:30 - 1:30 PM (Eastern)<br/><b><i>Social Media and Engineering</i></b> (1.0 PDH)</li><br/><li><input type="checkbox"/> October 14, 12:30- 1:30 PM (Eastern)<br/><b><i>GNSS Capabilities for Engineering, Surveying and Mapping</i></b> (1.0 PDH)</li><br/><li><input type="checkbox"/> October 15, 12:30- 1:30 PM (Eastern)<br/><b><i>Solving the Risks in Green Design and Construction</i></b> (1.0 PDH)</li></ul> | <ul style="list-style-type: none"><li><input type="checkbox"/> October 20, 12:30 - 1:30 PM (Eastern)<br/><b><i>A Sustainable Approach to Planning and Design</i></b> (1.0 PDH)</li><br/><li><input type="checkbox"/> October 22, 12:30 - 1:30 PM (Eastern)<br/><b><i>Comparing Contracts Documents: EJCDC, ConsensusDOCS, and AIA</i></b> (1.0 PDH)</li><br/><li><input type="checkbox"/> November 4 , 12:30 - 1:30 PM (Eastern)<br/><b><i>Qualifications Based Selection: Under Attack</i></b> (1.0 PDH) <b>FREE</b></li><br/><li><input type="checkbox"/> November 17 , 12:30 - 1:30 PM (Eastern)<br/><b><i>Forensic Engineering</i></b> (1.0 PDH)<br/>Co-Sponsored by NAFE</li><br/><li><input type="checkbox"/> December 8 , 12:30 - 1:30 PM (Eastern)<br/>Social Media Smarts: An Introduction to the Social Web, Tools, and NSPE's Social Networking Strategy (1.0 PDH) <b>FREE</b></li></ul> |
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Enrollment is per site connection. Invite as many colleagues to view the program as you can accommodate for this low price! Each site will receive supporting materials and a copy of the PowerPoint presentation slides. All participants will receive documentation of PDH credit for submission to state licensure boards. Each 60-minute seminar earns 1.0 PDH.

NSPE Member # \_\_\_\_\_

Member Name \_\_\_\_\_

Site Contact Name: \_\_\_\_\_

Company: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Site Contact Email Address: \_\_\_\_\_

### *Pay by Credit card*

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Pay by Check: mailed registrations must be received 7 days prior to the session.

Mail to NSPE

1420 King St:  
Alexandria, VA 22314

Email: [education@nspe.org](mailto:education@nspe.org)

Fax: Attn: Education Services 703.836.4875

Accounting: 44300-10-25-04-001

# NSPE Code of Ethics Examination

**NSPE's true/false exam tests your knowledge of professional engineering ethics.**

**This test is intended to test individual knowledge of the specific language contained in the NSPE Code of Ethics and is not intended to measure individual knowledge of engineering ethics or the ethics of individual engineers or engineering students.**

**A series of true/false questions pertaining to the NSPE Code of Ethics follows.**

1. Engineers, in the fulfillment of their professional duties, must carefully consider the safety, health, and welfare of the public.
2. Engineers may perform services outside of their areas of competence as long as they inform their employers or clients.
3. Engineers may issue subjective and partial statements if such statements are in writing and consistent with the best interests of their employers, clients, or the public.
4. Engineers shall act for each employer or client as faithful agents or trustees.
5. Engineers shall not be required to engage in truthful acts when required to protect the public health, safety, and welfare.
6. Engineers may not be required to follow the provisions of state or federal law when such actions could endanger or compromise their employer or their clients' interests.
7. If engineers' judgment is overruled under circumstances that endanger life or property, they shall notify their employers or clients and such other authority as may be appropriate.
8. Engineers may review but shall not approve those engineering documents that are in conformity with applicable standards.
9. Engineers shall not reveal facts, data...information without the prior consent of the client or employer except as authorized or required by law or this Code.
10. Engineers shall not permit the use of their names or associates in business ventures with any person or firm that they believe is engaged in fraudulent or dishonest enterprise, unless such enterprise or activity is deemed consistent with applicable state or federal law.
11. Engineers having knowledge of any alleged violation of this Code, following a period of 30 days during which the violation is not corrected, shall report thereon to appropriate professional bodies and, when relevant, also to public authorities, and cooperate with the proper authorities in furnishing such information or assistance as may be required.
12. Engineers shall undertake assignments only when qualified by education or experience in the specific technical fields involved.
13. Engineers shall not affix their signatures to plans or documents dealing with subject matter in which they lack competence, but may affix their signatures to plans or documents not prepared under their direction and control where they have a good faith belief that such plans or documents were competently prepared by another designated party.

14. Engineers may accept assignments and assume responsibility for coordination of an entire project and shall sign and seal the engineering documents for the entire project, including each technical segment of the plans and documents.
15. Engineers shall strive to be objective and truthful in professional reports, statements or testimony, with primary consideration for the best interests of the engineers' clients or employers. The engineers' reports shall include all relevant and pertinent information in such reports, statements, or testimony, which shall bear the date on which the engineers were retained by the clients to prepare the reports.
16. Engineers may express publicly technical opinions that are founded upon knowledge of the facts and competence in the subject matter.
17. Engineers shall not issue statements, criticisms, or arguments on technical matters that are inspired or paid for by interested parties, unless they have prefaced their comments by explicitly identifying the interested parties on whose behalf they are speaking and revealing the existence of any interest the engineers may have in the matters.
18. Engineers may not participate in any matter involving a conflict of interest if it could influence or appear to influence their judgment or the quality of their services.
19. Engineers shall not accept compensation, financial or otherwise, from more than one party for services on the same project, or for services pertaining to the same project, unless the circumstances are fully disclosed and agreed to by all interested parties.
20. Engineers shall not solicit but may accept financial or other valuable consideration, directly or indirectly, from outside agents in connection with the work for which they are responsible, if such compensation is fully disclosed.
21. Engineers in public service as members, advisors, or employees of a governmental or quasi-governmental body or department may participate in decisions with respect to services solicited or provided by them or their organizations in private or public engineering practice as long as such decisions do not involve technical engineering matters for which they do not possess professional competence.
22. Engineers shall not solicit nor accept a contract from a governmental body on which a principal or officer of their organization serves as a member.
23. Engineers shall not intentionally falsify their qualifications nor actively permit written misrepresentation of their or their associate's qualifications. Engineers may accept credit for previous work performed where the work was performed during the period the engineers were employed by the previous employer. Brochures or other presentations incident to the solicitation of employment shall specifically indicate the work performed and the dates the engineers were employed by the firms.
24. Engineers shall not offer, give, solicit, nor receive, either directly or indirectly, any contribution to influence the award of a contract by a public authority, or which may be reasonably construed by the public as having the effect or intent of influencing the award of a contract unless such contribution is made in accordance with applicable federal or state election campaign finance laws and regulations.
25. Engineers shall acknowledge their errors after consulting with their employers or clients.

# NSPE Code of Ethics Examination

## Answers and Scoring

### Answers & References to the Code of Ethics Exam

1. False - see NSPE Code of Ethics I.1.
2. False - see NSPE Code of Ethics I.2.
3. False - see NSPE Code of Ethics I.3.
4. True - see NSPE Code of Ethics I.4.
5. False - see NSPE Code of Ethics I.5.
6. False - see NSPE Code of Ethics I.6.
7. True - see NSPE Code of Ethics II.1.a.
8. False - see NSPE Code of Ethics II.1.b.
9. True - see NSPE Code of Ethics II.1.c.
10. False - see NSPE Code of Ethics II.1.d.
11. False - see NSPE Code of Ethics II.1.e.
12. True - see NSPE Code of Ethics II.2.a.
13. False - see NSPE Code of Ethics II.2.b.
14. False - see NSPE Code of Ethics II.2.c.
15. False - see NSPE Code of Ethics II.3.a.
16. True - see NSPE Code of Ethics II.3.b.
17. True - see NSPE Code of Ethics II.3.c.
18. False - see NSPE Code of Ethics II.4.a.
19. True - see NSPE Code of Ethics II.4.b.
20. False - see NSPE Code of Ethics II.4.c.
21. False - see NSPE Code of Ethics II.4.d.
22. True - see NSPE Code of Ethics II.4.e.
23. False - see NSPE Code of Ethics II.5.a.
24. False - see NSPE Code of Ethics II.5.b.
25. False - see NSPE Code of Ethics III.1.a.

### Scoring

Correct Answers	Rating
23 - 25	Superior
20 - 22	Good
17 - 19	Fair
15 or below	Poor