

**NH Society of Professional Engineers  
Board of Directors Meeting Meeting**

DATE: <u>May 7, 2008</u>  Location:  CLD Consulting Engineers 540 Commercial Street  Manchester, NH 03101		Dan Hudson, PE (Pres)*	Craig Bailey, PE (future Delegate)
		Matt Low, PE (Pres Elect)*	
		Larry Dwyer, PE (Vice Pres)*	
		John DiGenova, PE (Sec)*	
		Matt Purcell, PE, F'NSPE (NH Del.)*	
		Phil Decker, PE (Dir)*	
		Veronica Thibodeau-Carter, PE (Dir)*	
		Paul Schmidt, PE (future Delegate)	
		Gregg Comstock, PE (Dir)*	
		Steven Lehmann, PE (Dir)*	

*\*Voting Board Member*

Dan Hudson called the meeting to order at 6:05 PM.

**OLD BUSINESS**

- Review and approve March 26, 2008 meeting minutes - The Meeting Minutes from the March 2008 BOD meeting were reviewed and minor edits were noted; Veronica motions to approve the meeting minutes as amended, Matt Low seconds and the motion is approved by the group.

**NEW BUSINESS**

- Presentation of the BS+30 issue (Craig Musselman Guest Speaker, PE, F'NSPE)** – Craig Musselman presented Bachelors+30 PowerPoint presentation entitled, “Additional Engineering Education as a Prerequisite for Licensure” to the group, see Attachment No. 1. Craig has been giving this same presentation regionally and nationally. NSPE Professional Policy 168 outlines NSPE’s stance on additional education requirements. Craig explained the Body of Knowledge, which has evolved to incorporate problem recognition, sustainability and risk and uncertainty. Engineering is the only professional service that still requires only a 4 year degree to become a professional. Credit requirements for B.S. have declined from 150+ credits in 1925 to 120+ credits in 2000. Craig encouraged NHSPE’s support of BS+30 in NSPE Professional Policy 168.

Matt Low motions that we send Matt Purcell to the House of Delegates with a resolution that states, “NHSPE still supports Policy 168 for licensure.” Phil Decker seconds the motion and the motion is approved by the group.

- UNH Student Projects** – Dan discussed the response from UNH facility concerning the student projects at UNH. Some of the projects discussed were the Bridge at Gunstock (which has been removed), the Salt Dome project (which failed), along with other successful projects/ The student projects are generally viewed by the group as being a positive learning experience, the concern is that the students are designing and building projects which impact the health and welfare of the citizens of the State and the projects are not overseen and reviewed by a Professional Engineer (which is against the laws of the State of New Hampshire). NHSPE supports the efforts of UNH to educate the engineering students and wants to maintain good communication with the professors at UNH.

The group agreed to draft a short letter to UNH which presents NHSPE position for the education of the Joint Board and the Attorney General’s office. Larry agreed to draft the letter. The group will review the letter once drafted.

### **3. Society Governance**

- NHSPE Education Fund Bylaws and Operating Procedures - Phil presented some input for the clauses to incorporate into the draft document. Larry reported that he had lined up a Certified Public Accountant to help us (through Joe Ducharme). Dan requested that we delay a vote until the board has had a chance to review further.

### **4. Professional Development and Continuing Education**

- April 24, 2008 - Rock Slope Stability by Jay Smerekanicz of Golder Associates - Dan reports that the technical talk was well attended (about 25 people).
- May 13, 2008 - New PE Dinner - Michael Ossing, P.E., Seabrook Nuclear Power Plant - Dan reports that all arrangements for the new PE dinner have been made.
- June 27, 2008 - Annual Meeting - NSPE Immediate Past President Robert Miller, PE – Dan reports that all arrangements have been made for the Annual Meeting.
- September 24, 2008 - UNH Stormwater Center – Dan reports that arrangements have been made and that this event is usually well attended.
- Future Meeting Ideas - Commercial Kitchen Ventilation (Veronica), Noise Cancellation Products (Matt L.)- Veronica will investigate whether the Commercial Kitchen Ventilation meeting could incorporate NY PE credits. Matt Purcell will also speak with Jack Nailor about Safety Seminars.

### **5. Public Image and Student Outreach**

- NHSPE John Alger Memorial Scholarship Report – Larry reports that NHSPE has awarded 3 John Alger memorial scholarships.
- Teacher's Award Report – Matt Low reports that ACEC-NH, SENH, UNH, and ASCE are all supporting the new Teachers Award program for next year.
- MATHCOUNTS Report – Greg reports that the financials for Mathcounts have improved. The totals are not complete by expenses are at about \$2,200 and income is at about \$3,100. New donors include Oracle and NH Teachers of Mathematics. Also Mathcounts national has provided financial support.
- Student Outreach - Amendment to HB1282 on Pre-engineering Technology Curriculum - See Attachment No. 2. Dan indicated that he will send Judy Houston's letter to the membership.
- Observer- Dan reports that we just signed a new contract with the publisher.

### **5. Government Affairs**

- Legislative Tracking Initiatives Report – Phil gave an update on the legislative activity in the past month. See Attachment No. 3.

### **6. State Society Collaboration**

- October 9, 2008: 2nd Annual NHJES Conference  
April 3rd Planning Meeting  
June 5th Planning Meeting  
Partnering Agreement  
Dan reports sponsorship letters have gone out.

## **7. Membership**

- Development of State-Centric Tri-fold – Dan reports that the tri-fold is being drafted, similar to Maine’s tri-fold.

## **8. National/Regional & Other Issues**

- Northeast Region Ballot – Dan distributed the NE Regional Ballot. Larry motions to approve the slate of candidates for the NE Region, Veronica seconds and the motion is approved.
- NSPE Annual Conference in Portland, Oregon (July 24-27, 2008) – Dan suggests that Matt Low attend the NSPE Annual Conference in Portland. Larry motions to cover of expenses and fees for Matt Low, Matt Purcell seconds and the motion is approved by the group. Matt Purcell and Paul will attending the meeting as well
- Fellow Nominations – Dan reports that Matt Purcell has been selected for NHSPE fellow status. (Attachment No. 4)

Matt Purcell motions to adjourn, Veronica seconds and the group approves. The meeting is adjourned at 9:46 PM.

Respectively Submitted,

John G. DiGenova, P.E.

# Additional Engineering Education as a Prerequisite for Licensure

## Bachelor's + 30 The Future of Engineering Education

Craig N. Musselman, PE, F. NSPE



# NSPE

## Professional Policy 168

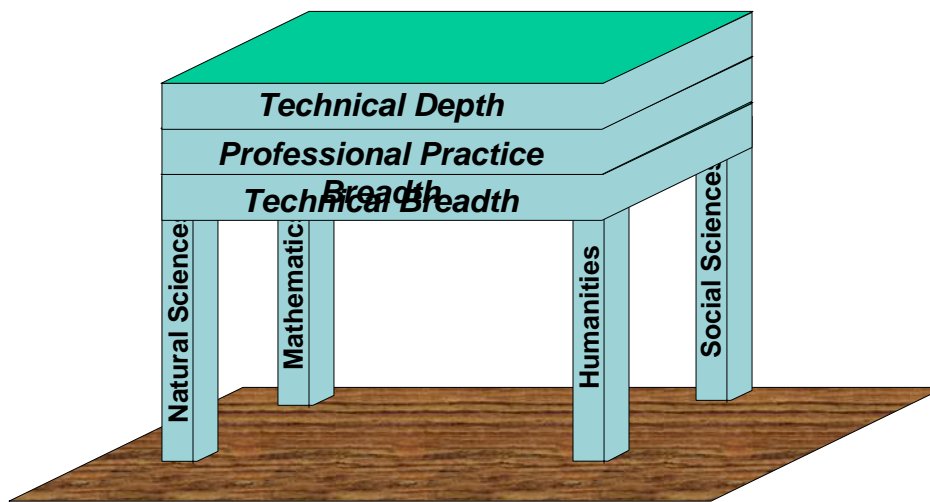
- NSPE supports the concept of engineering students meeting additional academic requirements as a prerequisite for licensure and practice of engineering at the professional level. Possible additional requirements could include a master's degree or equivalent.





**Knowledge, skills, and attitudes necessary to become a licensed professional engineer.**

# BOK – BIG PICTURE



## *“What” of Expanded “Body of Knowledge”*

- |                                       |   |
|---------------------------------------|---|
| 1. Technical Core                     | 9. Life-long learning                                     |
| 2. Experiments/analyze and interpret  | 10. Contemporary Issues                                   |
| 3. Design                             | 11. Engineering Tools                                     |
| 4. Inter-disciplinary teams           | 12. Specialized area of engineering                       |
| 5. Engineering Problems               | 13. Project management construction, and asset management |
| 6. Professional and ethical standards | 14. Business and public policy                            |
| 7. Communication                      | 15. Leadership  |
| 8. Impact of Engineering              |   |

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### ***What's New?***

- Materials Science
- Mechanics
- Experimentation
- Problem recognition & solving
- Breadth in civil engineering

### ***BOK-2***

- Design
- Sustainability
- Contemporary issues
- Risk & uncertainty
- Project management
- **Technical specialization**

6

*The BOK is very interesting -----  
but what is the PROBLEM?*



“BOK cannot fit into today’s BS.”

*Partners*

“Redesign today’s BS”

California State - L.A.

“Specialization after BS”

**“It is evident that the exploding body of science and engineering knowledge can not be accommodated within the context of the traditional four year baccalaureate degree.”**



*Educating the Engineer of 2020*  
National Academy of Engineering, 2005

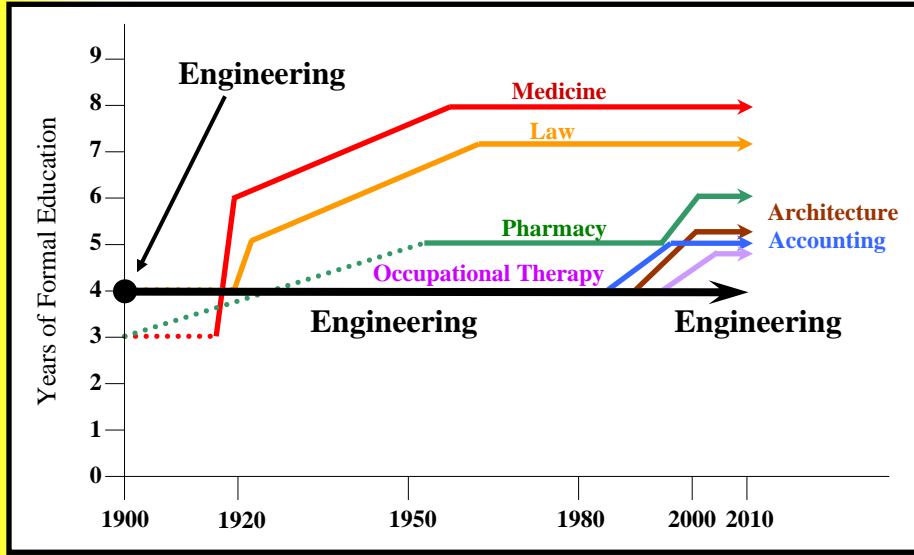
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## **Bottom Line Problem**

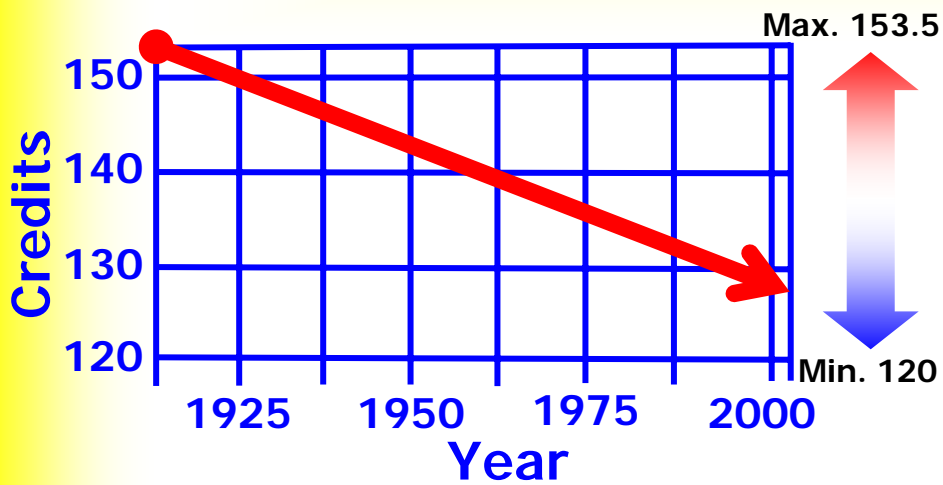
- The Body of Knowledge required for the practice of engineering in the future, and for the continued adequate protection of the public health, safety and welfare, is beyond the scope of the current background provided in traditional four year engineering curricula in the United States.

10

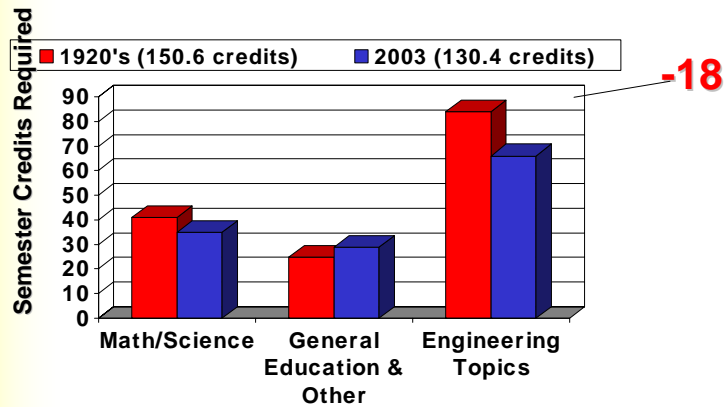
# Once a Leader



# Problem Statement



# Engineering Curricula



# What's New

**2005 to 2006 22% of Universities Reporting to ASEE Significantly Reduced Credit Requirements – Slide Continues**

**2008 – New Civil Engineering BS level Accreditation Criteria – Additional Content**



## Perspective

If you do not know  
where you are going, . . .

•

every road will get you  
nowhere.

*Henry Kissinger*



# Perspective

You've got to be very careful if you don't know where you're going, . . .

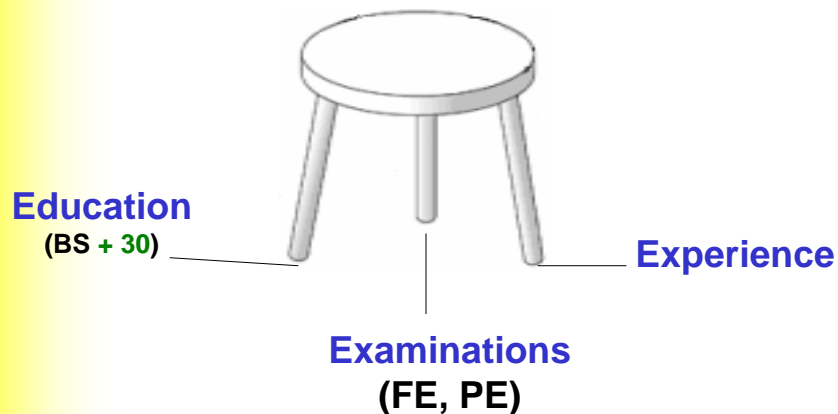
because you might not get there.

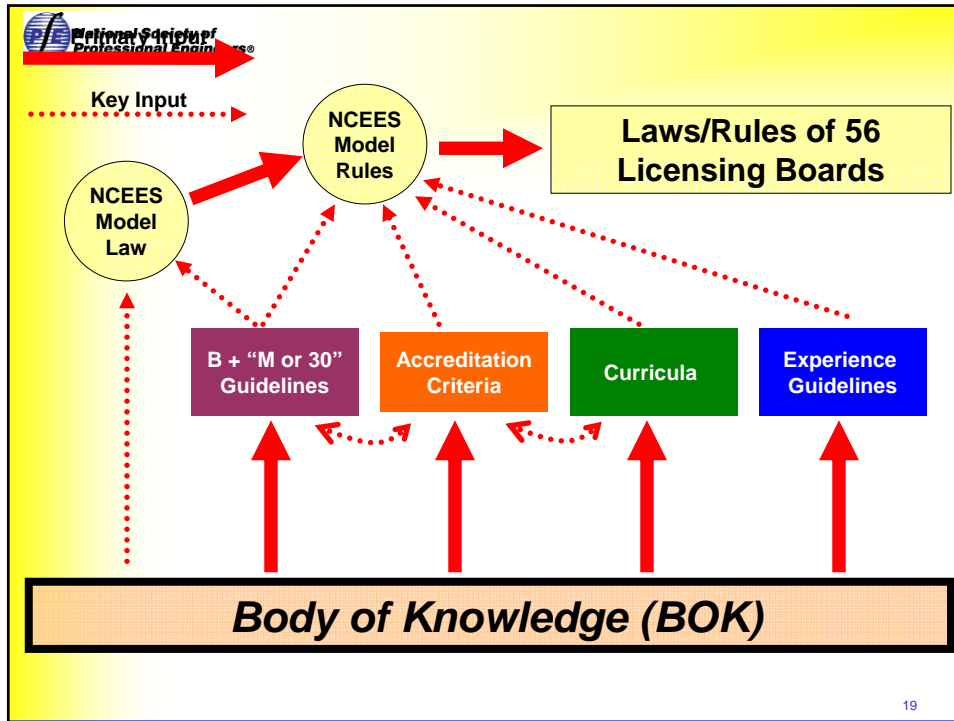
*Yogi Berra*



## Engineering Licensure (from perspective of NCEES)

The Proverbial Three-Legged Stool:





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**National Council of Examiners  
for Engineering and Surveying**

Incorporate the following language requiring additional engineering education into *Model Law* (Section 130.10):

*Effective January 1, 2015, to be admitted to the principles & practice examination –*

(1) *An engineer intern with a bachelor's degree, with an additional 30 credits of acceptable upper-level undergraduate or graduate-level coursework from approved course providers, . . .*

(2) *An engineer intern with a master's degree in engineering . . .*

**Approved at NCEES Annual Meeting  
September 15, 2006**

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Incorporate the following language requiring additional engineering education into *Model Law* (Section 130.10):

*Effective January 1, 2015, to be admitted to the principles & practice examination –*

- (1) An engineer intern with a bachelor's degree, with an additional 30 credits of **acceptable** upper-level undergraduate or graduate-level **coursework** from **approved** course **providers**, . . .*
- (2) An engineer intern with a master's degree in engineering . . .*

**Approved at NCEES Annual Meeting  
September 15, 2006**

21



## **What's New**

**2008 NCEES Annual Meeting**

**Nevada Motion to Rescind**

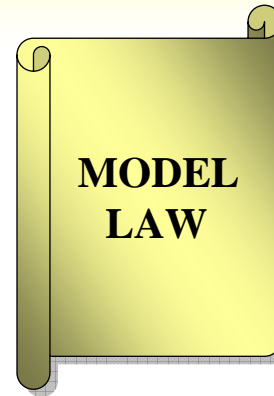
**Failed - 40-19 Vote**

**Widest Margin to Date on this Issue**

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# Timing

- No EARLIER than 2015
- (now proposed as 2020)
- Most jurisdictions – later
- Eight year notice likely
- 30+ year change process



**CHANGE WILL BE LONG TERM**

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# Acceptable Coursework



- Equivalent in intellectual rigor and learning assessment to upper level undergraduate or graduate level coursework offered at institutions with ABET/EAC accredited programs
- Technical or professional practice topics
- NOT “traditional” Continuing Education

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# Technical & Professional Practice Topic Areas

## Technical

- Engineering
- Science
- Mathematics

## Professional Practice

- Communications
  - Contract law
  - Economics
  - Engineering management
  - Ethics
  - Finance
  - Institutional management
  - Physical asset management
  - Project management
  - Public policy
  - Quality management
- Up to half of 30 credits



25

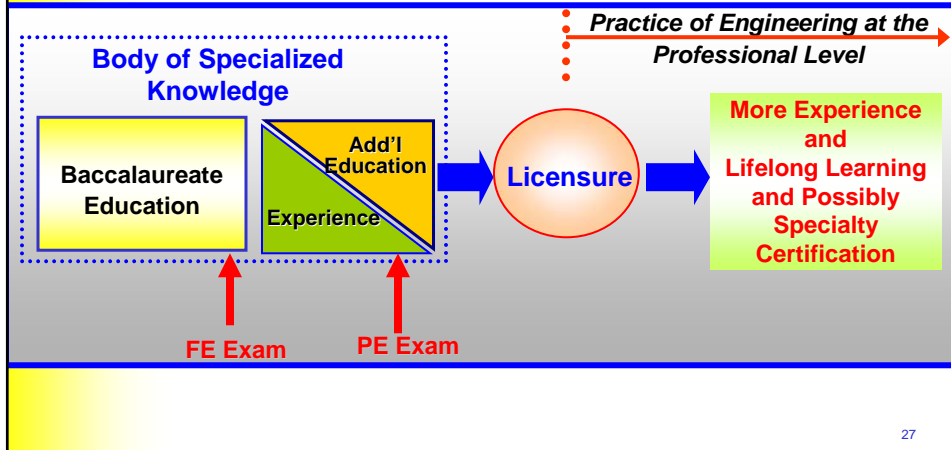
# Approved Providers

- Institutions which offer ABET-EAC accredited programs
- Other entities approved by an NCEES approved accrediting body

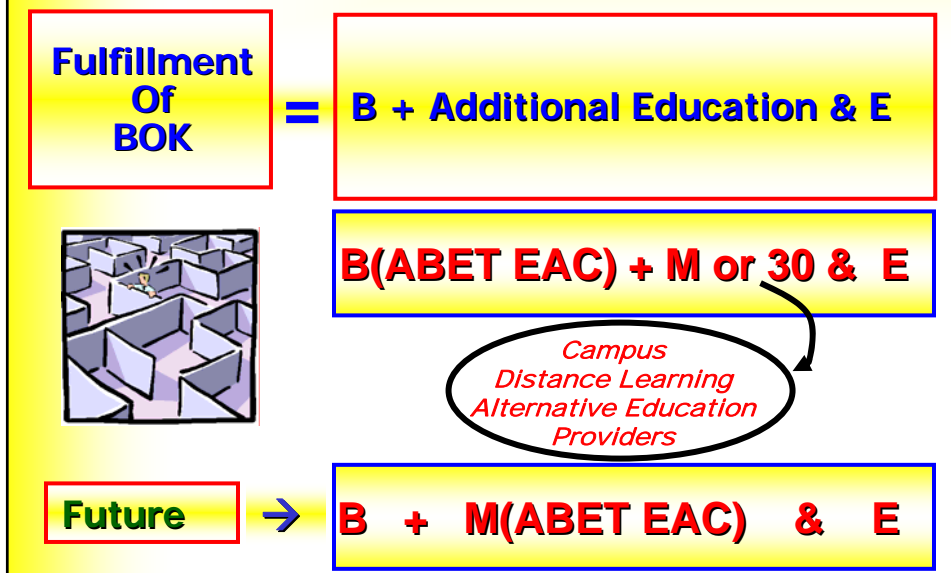


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# How Does Additional Engineering Education Fit into the Process?



# "How"



# Top Ten Misconceptions

1. ~~B+30 will be required in 2015~~
2. ~~Many states will adopt B+30 in 2015~~
3. ~~The Bachelor's degree will be phased out~~
4. ~~There won't be a market for BS engineers~~
5. ~~A master's degree will be required~~
6. ~~The "30" needs to be obtained at a university~~
7. ~~This will affect currently licensed engineers~~
8. ~~Maybe this won't happen - wait and see~~
9. ~~B+30 will drive students out of engineering~~
10. ~~NSPE's involvement and support isn't critical~~



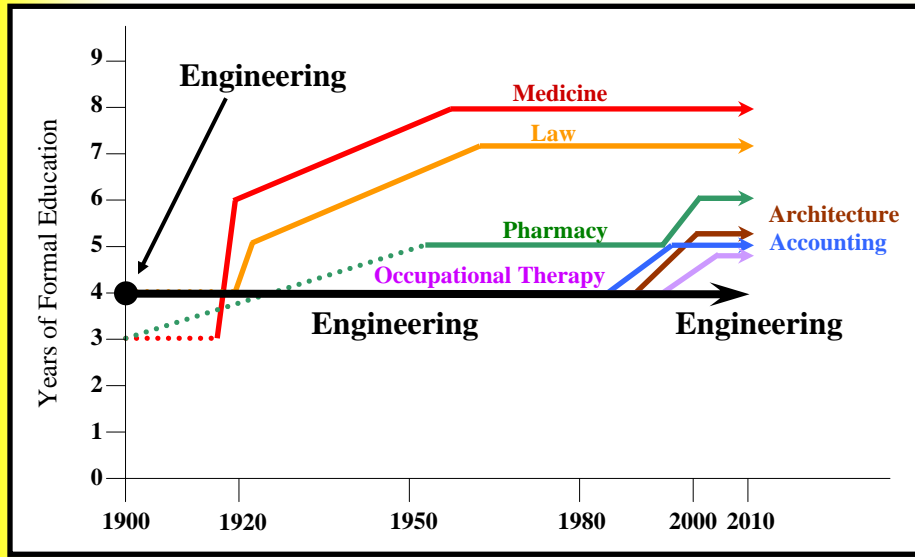
## Further Information:

**Craig N. Musselman, PE, F. NSPE**  
cmusselman@cmaengineers.com

## NSPE Professional Policy 168

- NSPE supports the concept of engineering students meeting additional academic requirements as a prerequisite for licensure and practice of engineering at the professional level. Possible additional requirements could include a master's degree or equivalent.

# Once a Leader



STUDENT OUTREACH

**Dan Hudson**

**From:** Houston, Judith [jhouston@louisberger.com]  
**Sent:** Tuesday, May 06, 2008 2:00 PM  
**To:** Dan Hudson  
**Subject:** RE: NHSPE - Board Meeting this Wednesday

Gosh, Dan. Here's my first Board meeting in my new position, and I cannot attend. I had just coordinated a celiac support group meeting at my house for that night, when this date was proposed. Please extend my apologies to the others, below please find my Student Outreach Coordinator report that you can either just print out or copy/paste:

### Student Outreach (JEH):

JEH has performed the following tasks since PETAC request for contact information for a NHSPE "Student Outreach Coordinator (SOC)" for distribution to NH middle and high schools:

- 3/18/08 JEH sent DHs contact information to PETAC/DoE rep. for distribution to all middle and high schools, as the NHSPE SOC;
- 3/27/08 JEH appointed as new NHSPE SOC;
- 3/27/08 Received list of engineers that DH had kept that have expressed interest in student outreach (not all are NHSPE members);
- 3/28/08 Sent e-mail to those on DH's outreach list introducing myself and explaining the procedure;
- 3/28/08 Forwarded request for Engineer at 4/2/08 Career & Wellness Fair at Winnisquam Regional High School, to Student Outreach List – short notice, don't think there was a response;
- 4/08 PETAC Dept. of Education representative forwarded JEH contact info. (instead of DH) to all State of NH middle & high schools;
- 4/2/08 Participated in Milford Middle School's Career Day – 20 minute Powerpoint presentation to 6 groups of 8<sup>th</sup> graders – got good reviews;
- 4/4/08 Forwarded request for job shadow opportunity for Nashua High School North student;
- 4/6/08 Forwarded another request for job shadow opportunity. No school affiliation given;
- 4/10/08 Forwarded another request for job shadow opportunity for Bow High School student;
- 4/14/08 Forwarded request for job shadow opportunity for Nashua High School North student; and
- 4/29/08 Coordinated and participated in job shadow of Milford Middle School student at Berger. Construction project visit also be coordinated at later date. (Think we swayed him towards Civil Engineering, and away from Architecture! ☺)

Lots of good requests from schools. JEH intends to also ask those engineers on the outreach list, to let her know if they are responding to a request from a student/school so that NHSPE and PETAC know how affective this program is.

In order to keep the 'list' alive with engineers, can all NHSPE members be contacted to request those interested in participating in Student Outreach to send JEH their name and contact information (if they're not already on the list)? This would help the schools/students get responses.

As an aside, the IEEE SOC information has already been forwarded to schools. JEH has also requested SOC contact information from ASCE-NH, which will also be distributed by PETAC/DoE.

Any other suggestions regarding this program or the PETAC's distribution of contact information? Please let me know.

5/7/2008

**PETAC News:**

A request for testimony in support of HB1282 at 5/13/08 Senate Public Hearing, was issued by PETAC member Representative Norman Major, who fashioned the bill. JEH to attend as Past Chair of PETAC to make testimony. NHSPE's support has also been requested by JEH. This proposed bill would allow the PETAC and DoE to provide State \$ to qualifying middle schools, as well as high schools, for pre-engineering programs, thereby, increasing our ability to reach students at a younger age before they decide on their high school classes.

Also, the "Women in Engineering" conference that was tentatively scheduled for 5/10/08 at UNH has been cancelled due to scheduling conflicts at UNH. A fall program is anticipated at NHTI.

Respectively submitted by:

J. Houston  
NHSPE Student Outreach Coordinator

**Judith E. Houston, P.E.**  
Project Manager/Principal Environmental Engineer

The Louis Berger Group, Inc.  
1001 Elm Street, Suite 203  
Manchester, NH 03101  
Phone: (603) 644-5200 ext. 234  
Fax: (603) 644-5220  
[jhouston@louisberger.com](mailto:jhouston@louisberger.com)

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**From:** Dan Hudson [mailto:DanH@cldengineers.com]

**Sent:** Monday, May 05, 2008 9:07 AM

**To:** bpratt@conknet.com; wstraub@cmaengineers.com; ctbailey@bailey-associates.com; ewood@HaleyAldrich.com; ftilton@earthlink.net; coms5@comcast.net; gcomstock@des.state.nh.us; jdigenova@HaleyAldrich.com; JBouchard@cmaengineers.com; Houston, Judith; ljdwyer@terracon.com; mlow@hta-nh.com; Matthew.R.Purcell@Dartmouth.EDU; pschmidt@cmaengineers.com; phil@biz-patlaw.com; rlarochelle@cmaengineers.com; slehmann@VHB.com; tom.french@michiecorp.com; vthibodeau@hlturner.com; wlz2@unh.edu

**Cc:** cmusselman@cmaengineers.com

**Subject:** NHSPE - Board Meeting this Wednesday

A reminder that May's Board meeting will be this Wednesday at 6:00 PM at CLD. Craig Musselman will be giving a presentation on the BS+30 issue and we also need to discuss NHSPE's response to the UNH student projects letter.

An agenda and minutes from the last meeting will follow later today or tomorrow.

5/7/2008

Dan

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5/7/2008

**Dan Hudson**

HB1282

**From:** Houston, Judith [jhouston@louisberger.com]**Sent:** Monday, May 05, 2008 12:11 PM**To:** bpratt@conknet.com; wstraub@cmaengineers.com; Dan Hudson; Errin Wood; Frank Tilton; George Fredette; Gregg Comstock; jducharne@hltturner.com; John G. DiGenova; Ldwyer@jgieastern.com; Matthew.R.Purcell@Dartmouth.EDU; pschmidt@cmaengineers.com; Phillip E. Decker; Steven Lehmann; Tom French; Veronica Thibodeau Carter; Walter Durack**Cc:** petac@preengineeringnh.org**Subject:** Pre-Engineering Programs - Ammended Legislature - FW: HB1282 Senate Public Hearing

PRE-ENGINEERING PROGRAMS

Dear NHSPE Board and Members:

In my role as Past-Chair and member of the NH "Pre-Engineering Technology and Advisory Committee (PETAC)", below please find an amendment that was initiated by Rep. Major, also a PETAC member, which proposes changes to the legislature for NH's pre-engineering programs. This amendment allows the PETAC and the NH Dept. of Education to assist 6- 12 grade schools in implementing these programs, to include middle schools, as well as high school pre-engineering programs.

Your attendance and testimony in support of this important change at the May 13<sup>th</sup> Public Hearing, would be greatly appreciated.

Please let me know any questions or comments regarding this amendment, or if you require additional information. Thank you for your support.

Judith E. Houston, P.E.

NH PETAC, and  
NHSPE Student Outreach Coordinator

**Judith E. Houston, P.E.**  
Project Manager/Principal Environmental Engineer

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[jhouston@louisberger.com](mailto:jhouston@louisberger.com)

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5/7/2008

**From:** Major, Norman [mailto:norman.major@leg.state.nh.us]  
**Sent:** Monday, May 05, 2008 10:11 AM  
**To:** petac@preengineeringnh.org  
**Cc:** Major, Norman  
**Subject:** HB1282 Senate Public Hearing

To Pre-Engineering Technology Advisory Council members,

HB1282 will have a Public Hearing before the Senate Education Committee on Tuesday, May 13, 2008 in Room 103 of the State House at 8:30 A.M. A copy of the bill as amended by the House is shown below. The amendment incorporates the Advisory Council recommendations.

You will be able to present your testimony in support of the bill by signing the "blue Sheet". You can indicate you wish to speak or to show your support for the bill by checking the appropriate box on the "blue sheet". The "blue sheet" will be available to sign prior to the hearing in the committee room. If you have questions, I'll be there to help. Attending and indicating support of this bill is very important.

Representative Norman Major

***HB 1282 - AS AMENDED BY THE HOUSE***

*05Mar2008... 0352h*

*2008 SESSION*

***HOUSE BILL 1282***

*AN ACT amending the pre-engineering technology curriculum.*

*SPONSORS: Rep. Major, Rock 8; Rep. Bettencourt, Rock 4; Rep. Kaen, Straf 7; Rep. J. Thomas, Belk 5; Rep. J. Garrity, Rock 6; Sen. D'Allesandro, Dist 20; Sen. Downing, Dist 22; Sen. Odell, Dist 8; Sen. Fuller Clark, Dist 24*

*COMMITTEE: Education*

***ANALYSIS***

*This bill provides that the pre-engineering technology curriculum programs shall be available to public school students in grades 6 through 12.*

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*Explanation: Matter added to current law appears in **bold italics**.*

*Matter removed from current law appears [~~in brackets and struckthrough.~~]*

*Matter which is either (a) all new or (b) repealed and reenacted appears in regular type.*

*05Mar2008... 0352h*

08-2065

04/09

## STATE OF NEW HAMPSHIRE

*In the Year of Our Lord Two Thousand Eight**AN ACT amending the pre-engineering technology curriculum.**Be it Enacted by the Senate and House of Representatives in General Court convened:**1 Pre-Engineering Technology Curriculum. Amend RSA 188-E:14, I- II to read as follows:*

*I. The department of education shall develop and implement a pre-engineering technology curriculum ~~in the public high schools to provide statewide opportunities for high school~~ in the public schools for students in grades 6 through 12 who are interested in careers in engineering, or allied engineering fields, providing statewide opportunities for students to enroll in a high quality engineering technology curriculum.*

*II. The state board of education shall adopt rules, pursuant to RSA 541-A, relative to course content, curricular requirements, and general procedures for implementing the pre-engineering technology curriculum. At a minimum, the curriculum shall include the following courses:*

*(a) Introduction to engineering design.*

*(b) ~~Digital electronics.~~*

*~~(c)~~ Principles of engineering.*

*~~(d) Computer integrated manufacturing.~~*

*~~(e)~~ (c) Engineering design and development.*

*2 Pre-Engineering Technology Curriculum. Amend RSA 188-E:14, IV to read as follows:*

*IV. The department of education, in coordination with the regional vocational education centers, shall include in its biennial capital budget request, funding for the planning, construction, and renovation of equipment necessary for the operation of pre-engineering technology curriculum ~~in the regional vocational education centers~~ in the public schools for students in grades 6 through 12.*

*3 New Paragraph; Pre-Engineering Technology Curriculum; Evaluation Process and Report. Amend RSA 188-E:14 by inserting after paragraph V the following new paragraph:*

*VI. The department of education shall develop a procedure for evaluating existing pre-engineering programs funded under this section and shall submit a report on the status of such programs to the speaker of the house of representatives and the president of the senate annually on December 1.*

*4 Pre-Engineering Technology Advisory Council. Amend RSA 188-E:15 to read as follows:*

5/7/2008

*188-E:15 Pre-Engineering Technology Advisory Council. There is established a pre-engineering technology advisory council to advise the department of education in the implementation, **evaluation**, and expansion of the pre-engineering technology curriculum, to assist the department of education in pursuing public and private funds in order to ensure statewide access ~~[for all public high school students]~~ to pre-engineering technology curriculum coursework **for public school students in grades 6 through 12.***

*5 New Paragraph; Pre-Engineering Technology Advisory Council; Duties. Amend RSA 188-E:17 by inserting after paragraph V the following new paragraph:*

*VI. Evaluation of performance of pre-engineering technology program sites.*

*6 Effective Date. This act shall take effect 60 days after its passage.*

# NSPE Northeastern Region

## 2008 Ballot for Election

### NER Managing Director / NER Secretary

In accordance with the Northeast Region's *Operating Procedures*, Article IV, Section 5, this ballot is being provided to each of the 12 state societies for execution and return to the undersigned **no later than July 1, 2008**. Quoting from this section, "Each state shall have one vote in the election of ... these officers. It is up to each state society to determine how its vote is decided."

Based upon the Operating Procedures for the Northeast Region, one nominee for each office has satisfied the provisions for consideration for each office.

Please indicate the decision of your state society by marking the following blank spaces:

#### **For NER Regional Manager (term to expire on June 30, 2009):**

\_\_\_\_\_ Matt Purcell, P.E.                      New Hampshire Society

#### **For NER Secretary (term to expire on June 30, 2009):**

\_\_\_\_\_ Joe Duncan, P.E.                      Vermont Society

#### **For Candidate Screening Committee (term to expire on June 30, 2009):**

\_\_\_\_\_ Bob Golden, P.E.                      Massachusetts Society

If no ballot is received by July 1, 2008 from any state society within the Region, that state society shall be considered to have waived its right to vote.

Name of State Society submitting this Ballot \_\_\_\_\_

Contact Name \_\_\_\_\_ e-mail address \_\_\_\_\_

Return ballots **by July 1, 2008** to:

Joe Duncan, P.E.  
NER Secretary / 2007-08  
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MEMORANDUM

**TO:** NHSPE Board  
**FROM:** Phil Decker, PE, Esq.  
**SUBJECT:** Report on Government Affairs/Legislative Tracking Initiatives  
**DATE:** 05/07/2008

**NH HB 331**

This bill permits the planning board to establish rules of procedure relating to the design review process and to determine when the process has ended. The bill has PASSED the House, and OUT TO PASS in the Senate with amendment. The floor date in the Senate is 05/08/2008.

**NH HB 1202**

HB 1202 would subject privately-owned redistribution systems to certain provisions of the Safe Drinking Water Act. The PASSED in the House. The Senate Energy, Environment and Economic Development Committee submitted a report on 05/07/08. No floor date at this time.

**NH HB 1282**

In the state General Court, HB 1282 has been introduced amend the pre-engineering technology curriculum in public schools to include grades 6 – 12, and not just high school. It strikes digital electronics and CIM from the minimum curriculum, while retaining all engineering topics. The bill PASSED the House and is now in the Senate Education Committee. There will be a hearing on 05/13/2008 at 08:30 AM in SH 103.

**NH HB 1295**

HB 1295 establishes a commission to study issues related to storm water. One of the members must be a representative of ACEC. The bill was PASSED in the House, PASSED in the Senate with Amendment, which was then CONCURRED in the House on 04/16/08.

**NH HB 1626**

This is a new bill for a new bridge over the Merrimack River. In this bill, \$9.75 million is proposed for engineering work. Referred to Public Works and Highways for Interim Study on 04/11/08.

**NH SB 383**

This bill establishes a commission to develop a plan for the expansion of transmission capacity in the north country, and to spend up to \$200,000 for engineering and economic studies. The bill PASSED in the Senate, and is presently in the House Science, Technology, and Energy Committee. It is due out of committee on 5/8/2008.

**NH SB 459**

This bill establishes an Advanced Manufacturing Education Advisory Council. Among those on the council shall be the dean of the University of New Hampshire College of Engineering and Physical Sciences, or designee. The bill PASSED in the Senate and House today.



**National Society of  
Professional Engineers®**

ATTACHMENT NO. 4 5/7/08

April 24, 2008

Matthew R. Purcell, P.E., F.NSPE  
60 Thompson Road  
Hanover, NH 03755

Dear Matt:

On behalf of all at NSPE, it is my very special privilege to extend congratulations upon being named a Fellow member of the National Society of Professional Engineers.

The NSPE leadership established the Fellow member grade in 2000 to honor those active Society members who have demonstrated exemplary service to the profession, the Society, and the community. We in the NSPE family are proud of your accomplishments and honored for the opportunity to reward your outstanding service with this distinguished membership grade.

I hope you will be able to continue your dedicated support of, and leadership to, the engineering profession and the Society. We are implementing many exciting new initiatives to build our programs and services and increase our membership. I invite you to join with me and NSPE President-Elect Bradley F. Aldrich, P.E., F.NSPE, in taking an active part in these efforts.

Your Fellow member certificate and pin are enclosed.

Again, please accept my heartfelt congratulations for the new status of NSPE membership you have so deservedly achieved. I am very proud to share the F.NSPE credentials with you.

Sincerely,

Bernard R. Berson, P.E., L.S., F.NSPE  
President

Encl

c: Daniel Hudson, P.E.  
Roch D. Laroche, P.E.

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