

# Overall Survey Results

## Continuing Professional Development for VT Licensed Professional Engineers Survey








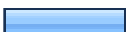

1. Do you believe that continuing education should be required to maintain licensure in Vermont?

		Response Percent	Response Count
Yes		61.0%	840
No		39.0%	537
	Comment (optional)		207
	answered question		1,377
	skipped question		0







2. Do you believe that continuing education will add credibility & value to the engineering profession in Vermont?

		Response Percent	Response Count
Yes		60.7%	836
No		39.3%	541
	Comment (optional)		135
	answered question		1,377
	skipped question		0




### 3. In how many states do you hold a Professional Engineering License?

		Response Percent	Response Count
1		15.5%	214
2		10.8%	149
3		8.9%	123
4		8.1%	111
5		6.2%	85
6-10		17.9%	247
>10		32.5%	448
answered question			1,377
skipped question			0









### 4. How many years have you been a licensed PE in Vermont?

		Response Percent	Response Count
<1		3.7%	51
1-5		24.5%	337
6-10		18.3%	252
11-15		15.5%	214
16-20		11.8%	162
>20		26.2%	361
answered question			1,377
skipped question			0







### 5. Is the engineering firm that you work for located in Vermont?

		Response Percent	Response Count
Yes		21.4%	294
No		70.4%	969
Not Applicable		8.3%	114
<b>answered question</b>			<b>1,377</b>
<b>skipped question</b>			<b>0</b>

### 6. Approximately how many staff comprise the engineering firm that you work for?

		Response Percent	Response Count
1-5		30.9%	425
6-10		9.7%	134
11-20		11.8%	163
21-40		7.9%	109
41-60		5.6%	77
61-100		7.0%	97
101-200		6.8%	94
>200		20.2%	278
<b>answered question</b>			<b>1,377</b>
<b>skipped question</b>			<b>0</b>

**7. Approximately what percentage of your workload is actively performed for projects located in the State of Vermont?**

		Response Percent	Response Count
0		31.3%	431
1-20		49.5%	681
21-40		2.8%	39
41-60		2.3%	31
61-80		2.3%	32
81-100		11.8%	163
answered question			1,377
skipped question			0

**8. Currently, the Vermont Professional Engineering License renewal fee is \$80 every two years. Would you support the following bi-annual fee increase to cover the administrative costs that may be required to manage a continuing professional development program?**

	Yes	No	Response Count
\$20	60.6% (767)	39.4% (498)	1,265
\$40	24.0% (254)	76.0% (805)	1,059
>\$40	8.0% (83)	92.0% (957)	1,040
answered question			1,377
skipped question			0

**9. How will the cost of obtaining 12 professional development hours (PDHs) impact you or your firm on an annual basis?**

		Response Percent	Response Count
No impact		30.7%	423
<b>Negligible impact</b>		<b>36.9%</b>	<b>508</b>
Moderate impact		25.1%	346
Severe impact		7.3%	100
		<b>answered question</b>	<b>1,377</b>
		<b>skipped question</b>	<b>0</b>

**10. Do you think “in-house” technical sessions should qualify as an acceptable PDH?**

		Response Percent	Response Count
Yes		79.4%	1,093
No		20.6%	284
		<b>answered question</b>	<b>1,377</b>
		<b>skipped question</b>	<b>0</b>

**11. Do you have any other comments?**

	Response Count
	462
<b>answered question</b>	<b>462</b>
<b>skipped question</b>	<b>915</b>

**Q1. Do you believe that continuing education should be required to maintain licensure in Vermont?**

1	Most of the CE (w/PDHs) have little to no depth while other CE topics have no PDHS do add value.	Jul 17, 2012 8:31 PM
2	As a professional there is a responsibility to continue to develop. Requiring continuing education credits is not necessary	Jul 17, 2012 8:25 PM
3	Not sure yet, see comment below	Jul 17, 2012 8:24 PM
4	Self study is necessary to keep up with building code revisions, plan review, etc. Self study also required to keep up with computerized software, etc. Required cont. education is just more overhead costs.	Jul 17, 2012 8:22 PM
5	Any PE that does not continue to learn as technology and processes change is violating their tenets as a licensed professional. I don't need someone to tell me to stay up to date.	Jul 17, 2012 8:18 PM
6	I think at a certain age you should be exempt (maybe 60)	Jul 17, 2012 8:06 PM
7	I've taken many accredited seminar/webinars and the best development I've received in my career is through reading/researching - which you don't get credit for	Jul 17, 2012 8:00 PM
8	Too difficult for public sector employees to afford	Jul 17, 2012 7:34 PM
9	It's a waste of time and money!	Jul 17, 2012 7:21 PM
10	A good engineer is always learning new things and keeping up with the latest new techniques and changes in the codes. Most courses offered are not relevant and are just a meaningless requirement. I would take courses and training specific to my discipline regardless of state requirements.	Jul 17, 2012 7:18 PM
11	I was a strong believer in CE when it 1st began but it has turned into a joke and a cottage industry that generates increasing cost to the engineer	Jul 17, 2012 7:16 PM
12	On the job should also qualify	Jul 17, 2012 7:13 PM
13	If what is offered is relevant	Jul 17, 2012 6:45 PM
14	An engineer will continue to learn if they want to be considered top in their field. They will get prestigious projects vs. the engineer that maintain simpler projects. Practicing engineering should be considered continuing education.	Jul 17, 2012 6:38 PM
15	Voluntary only	Jul 17, 2012 6:35 PM
16	I believe the cont. ed. initiative is misdirected. The original intent might have been good, but when conferences/courses irrelevant to your field are taken to fulfill these requirements the purpose seems wasteful.	Jul 17, 2012 6:24 PM
17	I maintain my profeciency automatically. Pay for PDHs is somewhat of a scam.	Jul 17, 2012 6:22 PM
18	Most of the courses I take in NY are not rel	Jul 17, 2012 6:15 PM
19	I am registered in a number of states that have manditory requirements. As such, many times I have had to take courses that do not directly relate to my	Jun 26, 2012 4:47 PM

**Q1. Do you believe that continuing education should be required to maintain licensure in Vermont?**

	practice just to acquire the necessary hours. I find that to be a cost that cannot otherwise be justified.	
20	I already maintain 36 CEU's in NY every 3 years.	Jun 1, 2012 10:42 AM
21	Being licensed in other states, I have seen what others have done. The true value of the education is minimal at best.	Jun 1, 2012 10:33 AM
22	Mandating something that should be part of being a good engineer isn't going to make a stagnant one any better.	Jun 1, 2012 10:31 AM
23	Without question.	Jun 1, 2012 10:27 AM
24	I am torn. I guess yes because it is good to keep up with the industry, but what is acceptable education is the question.	Jun 1, 2012 10:18 AM
25	Has there been instances of unprofessionalism or something to precipitate this discussion other than the fact that the majority of other states require C. E.?	Jun 1, 2012 7:41 AM
26	For an engineer to stay relevant and desirable we have to continue to educate ourselves anyway w/o being monitored like children.	Jun 1, 2012 6:28 AM
27	I think professionals understand the need for continued development without the requirement, but I do not have a strong objection to it.	May 31, 2012 9:51 PM
28	In theory it is a worthwhile idea, however in practice I believe there is too much monetary and administrative baggage associated with it.	May 31, 2012 9:49 PM
29	To some extent - limit requirements to 8 hours/year.	May 31, 2012 9:27 PM
30	Continuing ed & competency not related.	May 31, 2012 9:25 PM
31	Continuing education should be voluntary and a way for professionals to keep up to date with new methods and options for a better resolution.	May 31, 2012 9:21 PM
32	I see no benefit having maintained my PE license for 20 years in Florida.	May 31, 2012 8:59 PM
33	As long as the continuing education from other states are accepted.	May 31, 2012 7:44 PM
34	see #11	May 31, 2012 8:10 AM
35	So many other professions require it so why not engineering & architecture?	May 31, 2012 7:53 AM
36	I believe staying current with the profession is a good thing. I don't practice in VT & if I can't use education obtained to maintain my NH & ME license, I might drop the VT license.	May 31, 2012 7:45 AM
37	I am registered in other states that require continuing education and I believe this requirement is needed to keep licensed professionals current with the state of practice.	May 31, 2012 7:32 AM
38	In the private sector we dedicate a great deal of time to stay current with technology, standards, and myriad other things in order to remain competitive. Our business viability, particularly in today's economy, demonstrates the fact that	May 21, 2012 4:24 PM

**Q1. Do you believe that continuing education should be required to maintain licensure in Vermont?**

we are continuously educating ourselves. Furthermore, because we get credits for NSPE and ASCE meetings, which I do not feel are legitimate continuing education, I feel like there is another agenda behind continuing ed (e.g., funding for professional societies).

39	In the private sector we dedicate a great deal of time to stay current with technology, standards, and myriad other things in order to remain competitive. Our business viability, particularly in today's economy, demonstrates the fact that we are continuously educating ourselves. Furthermore, because we get credits for NSPE and ASCE meetings, which I do not feel are legitimate continuing education, I feel like there is another agenda behind continuing ed (e.g., funding for professional societies).	May 21, 2012 4:23 PM
40	I already have to maintain continuing education in several states. What qualifies for that does not improve on anything.	May 17, 2012 6:25 PM
41	I can see no value in the continuing education that I am required to take in the other states where I hold a license.	May 17, 2012 6:13 PM
42	Nor should Master's Degree be required for a new P.E.	May 17, 2012 6:06 PM
43	I have courses in 6 other states besides VT. The continuing education requirement is almost a joke. The type of CEUs offered are hardly worth the time and expense and certainly have not advanced me educationally.	May 17, 2012 6:00 PM
44	What constitutes continuing education will be the important factor.	May 17, 2012 5:45 PM
45	With the provision that "actively working" practicing engineers provide a statement with renewal that they are practicing actively.	May 17, 2012 5:39 PM
46	I am so pressed for time in my busy schedule that I sign up for PDH courses (req'd. by other states) that are simple and easy but have little value of in which I have little interest. I do this simply to fulfill the PDH requirements. It does not add to my skill set.	May 17, 2012 5:26 PM
47	The continuing education is often not relevant to the person's actual practice.	May 17, 2012 5:09 PM
48	Provided it is not set on the NY model of pre-approved courses.	May 17, 2012 4:53 PM
49	Continuing education for practicing engineers happens "on the job."	May 17, 2012 4:49 PM
50	It is valuable to continue learning and progressing in your chosen field.	May 17, 2012 4:45 PM
51	I am not against continuing education, but without assets in Southern VT to offer course, the opportunities are limited.	May 17, 2012 4:41 PM
52	I would like to believe that as professionals we are obligated to constantly improving our knowledge and skill set, but too many engineers don't see it that way.	May 17, 2012 4:34 PM
53	I have other credentials that require PDHs and they are not effective.	May 17, 2012 4:18 PM
54	As long as PDH earned to fill requirements in other states can also be used for VT	May 17, 2012 4:11 PM



**Q1. Do you believe that continuing education should be required to maintain licensure in Vermont?**

55	CE courses I've seen are ineffective and only result in revenue to those offering courses.	May 17, 2012 3:17 PM
56	This is the latest state board attempt at "Sunset Laws" for PEs	May 17, 2012 3:13 PM
57	Like most professions, changes are constant. By requiring relevant CEU's engineering as a profession stands a better chance of staying abreast of these changes.	May 17, 2012 3:06 PM
58	There is a lot of sub par education classes that one can take that add no value to the actual performance of engineering.	May 17, 2012 2:55 PM
59	An engineer should make an effort to maintain professional competency for their own reasons without necessarily having to incur added expenses.	May 17, 2012 2:42 PM
60	Responsible PEs stay current in their field - We do not need more bureaucracy & busywork.	May 17, 2012 2:24 PM
61	Only have continuing ed for those who don't work in engineering to maintain their PEs	May 17, 2012 2:06 PM
62	I have always wondered why this isn't a requirement. it will be important to find flexible ways on-line classes, etc to allow engineers to get required courses.	May 17, 2012 1:58 PM
63	I have PEs in NH and IL, and both states already require continuing education. Requiring it in VT would mean I'd have to report continuing education credits once a year instead of once every 2 years.	May 11, 2012 9:19 PM
64	Most Vermont PEs are also licensed in New York and New Hampshire, both of which have continuing education requirements.	May 11, 2012 9:13 PM
65	Much to the chagrin of others.	May 11, 2012 9:11 PM
66	Many New England professionals are licensed in multiple states and both NH & ME require continuing professional development so it is being done anyway.	May 11, 2012 9:07 PM
67	If it can be coordinated with programs from other states.	May 11, 2012 9:00 PM
68	It is no extra work for most engineers because other states already require it.	May 11, 2012 8:59 PM
69	Most continuing education programs that I have attended did not make me a better engineer. At least half were a complete waste of my time. Perhaps 10 total in the last 15 years were beneficial. With that being said, I fully expect this proposition to pass, and the next renewal I will tell you about all my C.E.	May 11, 2012 8:44 PM
70	Continuing education acceptance in other states should be acceptable in Vermont.	May 11, 2012 8:37 PM
71	Licensed in several states and ~60% require continuing ed. - If we want to be professionals, this is necessary.	May 11, 2012 8:33 PM
72	I feel it should be required for the first 20 years, and then experience should take its place.	May 11, 2012 8:29 PM

**Q1. Do you believe that continuing education should be required to maintain licensure in Vermont?**

73	You cannot legislate competency. The only benefit is increased knowledge which should be left for the individual to self administer.	May 11, 2012 8:28 PM
74	Not necessary for those in active practice.	May 11, 2012 4:50 PM
75	Not enough variation available.	May 9, 2012 11:54 AM
76	I believe continuing education becomes more of a checklist item than something that adds value. The VSPE could better facilitate the maintaining of professionalism by making resources available.	May 9, 2012 11:38 AM
77	OH continuing education requirement allows the PE to track their courses and self certify the content was appropriate vs. state certifying courses. This is good.	May 9, 2012 10:39 AM
78	Very little, if any value gained from c. ed.	May 9, 2012 10:36 AM
79	Continuing ed. doesn't promote competency. It promotes CEU providers.	May 9, 2012 10:31 AM
80	Unless solid statistics indicate VT practioners are less competent than engineers in states requiring continuing ed, why add more complexity to a system that's working?	May 9, 2012 10:05 AM
81	Less corrolation between CEU than related work for keeping professional capability.	May 8, 2012 4:26 PM
82	ConEd encourages engineers to update & expand their code & industry knowledge, but only encouragement. Most of the public is unaware of these requirements & those that are may be given a false sense of security. A few hours of classes each year does not make engineers experts on thousands of pages of code.	May 8, 2012 4:18 PM
83	The continuing education programs in all the states with which I am involved are a farce. The required courses are a joke. The whole program is designed to profit the course sales groups who kick-back money to politicians.	May 8, 2012 4:12 PM
84	But it can be done effectively through internet, google.	May 8, 2012 4:03 PM
85	Are there any statistics indicative of enhanced public safety or customer value in states with CE requirements?	May 8, 2012 4:01 PM
86	This is a requirement in other states where I have a PE. It is not of much value for a practicing engineer. Maybe of value if you are not practicing on a regular basis.	May 8, 2012 3:58 PM
87	Only if you want to test every 4 years	May 8, 2012 3:52 PM
88	I remember the argument that civils lacked respect from the public. We could "gain respect" by requiring civils to get CEUs like the noble "lawyers." How about we gain respect by showing respect. Get rid of this farce called "peer reviews" where one engineer stands in front of the public and totally shreds another engineer's plans simply because "that's not how our firm would do it." It is now just a big cash cow with no accountability to the reviewer. The public now views the presenting engineer as an idiot and weasle. It is sickening. Civil engineers are now as low on the favorability scale as lawyers. Too bad. It used to be an	May 8, 2012 3:43 PM

**Q1. Do you believe that continuing education should be required to maintain licensure in Vermont?**

	honorable profession.	
89	Continuing education should be on a voluntary basis.	May 8, 2012 3:28 PM
90	My education continues as a result of my work.	May 8, 2012 3:25 PM
91	Professional development is an unwritten requirement of the profession - one must stay current to remain successful.	May 8, 2012 3:24 PM
92	The continuing education process appears to be a financial opportunity for various PDH distributors. If an engineer is actively practicing, I believe sufficient CEUs are obtained.	May 8, 2012 3:21 PM
93	Licensed engineers should not need to take short courses to remain competent.	May 8, 2012 3:18 PM
94	I go to events to learn about topics in my field, not just for the PDHs I receive. So whether or not they are required doesn't change whether or not I attend events.	May 8, 2012 2:55 PM
95	The requirement for licensure should be linked to "continuing practice," not "continuing education."	May 8, 2012 2:53 PM
96	Continuing education is inherent in professional work within field/specialty. I attend & teach at seminars in my field regularly. CBasically I believe making this a requirement is a job/money making idea for someone.	May 8, 2012 2:47 PM
97	Is required for my other lic. so, already covered, though.	May 8, 2012 2:34 PM
98	Keeping current with the latest codes and technologies is an everyday requirement of the industry. One's work demonstrates if they are following this practice.	May 8, 2012 2:31 PM
99	Yes, I am licensed in 30+ states and most require PDHs (my home state does not). These PDHs should be technical not administrative.	May 8, 2012 2:26 PM
100	As a professional it is my responsibility to continually educate myself. I believe this is a way for states to acheive more income, by "certifying" specific providers.	May 8, 2012 2:23 PM
101	If the course work is meaningful.	May 8, 2012 2:21 PM
102	It is essential if we want to increase our public value and corresponding fee!	May 8, 2012 2:05 PM
103	Most states where I am licensed require CE. I find CE more for the the acedemites than for the practioneer.	May 8, 2012 2:03 PM
104	Just because "everybody else does", that does not justify you to do likewise.	May 6, 2012 1:13 PM
105	This raises the question of how much continuing education.	May 6, 2012 1:03 PM
106	I believe that this practice tends to complicate our already busy professional lives. I have kept active and current in my profession over the past more than 40 year career without this system. It will just make our business more expensive to operate. I don't see a big upside to this system. It has not been my experience to see a lot of unqualified engineers in practice.	Apr 30, 2012 11:39 AM

**Q1. Do you believe that continuing education should be required to maintain licensure in Vermont?**

107	The administrative element that is added is cumbersome relative to the value gained in my opinion.	Apr 30, 2012 8:10 AM
108	Strongly against the requirement as no credit is ever given to being an active practicing engineer which requires constant improvement/learning to be an effective engineer. Only those offering PDHs benefit and the costs have risen.....course cost, lost revenue, expenses. Not necessary in any way plus I have never seen any evidence that continuing education reduces error or construction problems.	Apr 28, 2012 4:39 PM
109	I am licensed in two states (OK and NY) that require CPE and the systems are a cynical joke. In NY it seems to be a good way to pump up local CE "mills", and in OK the OSPE offers a 2-day conference which provides all the CE credits required for the OK license renewal. The content of the conference offerings has little or, in most cases, nothing to improve the engineering effectiveness of participants. It's an easy way to keep local engineers licensed while paying lip service to the CPE requirement. I have spoken with a number of engineers from other states who have similar opinions about this new buzz-word in professional engineering. Ethical, professional behavior cannot be imparted or enforced by the CPE approach, though many of us wish it were possible. Vermont should not climb on this bandwagon, unless the system has real teeth. A very small number of CPE credits, earned with stringent attention to quality, participation and actual learning, would be far more beneficial than the typical requirement for many hours of useless attendance at hollow presentations.	Apr 26, 2012 6:17 PM
110	as long as it is somewhat region specific as opposed to strictly VT specific	Apr 24, 2012 12:19 PM
111	Yes but the definition and measurement thereof is not clear to me. All professionals need to learn new things especially in their field of work. I am a very specialized Chemical Engineer. I am a leader in my area with several patents. I will not find a class or even a seminar that will enhance my specialized area. I am continuously learning and becoming a better engineer. That is what is important to me. How do you measure my continuing education?	Apr 21, 2012 7:42 PM
112	That is consistent with other states and it's a good idea to maintain the quality of the profession.	Apr 21, 2012 1:52 PM
113	CE courses are usually not relevant to each engineer's specific field of work.	Apr 21, 2012 1:47 AM
114	All professions and skilled trades have continuing education requirements as do most occupational certification programs. Why engineers don't has always been a mystery to me.	Apr 20, 2012 10:15 AM
115	It only makes an accounting issue and does not ensure better or more qualified engineers.	Apr 18, 2012 10:54 AM
116	Do not force to use certain providers.	Apr 18, 2012 12:23 AM
117	Between 6 + 10 would be a good number.	Apr 18, 2012 12:15 AM
118	I believe in continuing education, but it should be at the discretion of the engineer.	Apr 18, 2012 12:11 AM

**Q1. Do you believe that continuing education should be required to maintain licensure in Vermont?**

119	The average course is close to worthless. There is value in code upgrade courses. But no to little value in the design courses.	Apr 18, 2012 12:09 AM
120	I believe that a person should continue to grow and learn as an engineer and the PDHs allow for a person to see what is transpiring in the area of the individuals professional expertise. However, I know other licensed professionals (medical, engineering, architecture, etc.) that have PDH credit requirements and how some of the PDH requirements are met is questionable. I think it is an individual responsibility to attain knowledge and continued learning to help protect and preserve the values to hold life and public safety paramount.	Apr 17, 2012 12:50 PM
121	I believe that a person should continue to grow and learn as an engineer and the PDHs allow for a person to see what is transpiring in the area of the individuals professional expertise. However, I know other licensed professionals (medical, engineering, architecture, etc.) that have PDH credit requirements and how some of the PDH requirements are met is questionable. I think it is an individual responsibility to attain knowledge and continued learning to help protect and preserve the values to hold life and public safety paramount.	Apr 17, 2012 12:50 PM
122	I Look at a PE license the same way as my Bsc and Msc. Once obtained it should not be taken away without cause.	Apr 17, 2012 9:32 AM
123	As a profession engineer maintaining your license, an individual should feel compelled by the ethics of our profession to ensure that they are continuing to update themselves and "stay current" within the field of engineering. Another requirement is just a burden and additional expense on top of already busy schedules and overburdened budgets. I would recommend that if a continuing education requirement is adopted that Vermont, like several other states who require continuing education, also implement an active duty military member waiver for PEs who maintain a license in the state of Vermont but are serving in the Active Duty military.	Apr 16, 2012 10:15 AM
124	no reason to be different than other nearby states	Apr 15, 2012 6:40 PM
125	Some incentive to keep in touch with the field, which has a tendency to change more quickly than one might assume, is good. The requirement also tends to broaden one's perspective as the chances of 12 PDHs being available solely in one's specialty are slim.	Apr 15, 2012 5:24 PM
126	It would further encourage professionals to advance. With the changing codes, it will provide more opportunities to learn and understand these changes.	Apr 14, 2012 10:44 AM
127	Do not believe that mandating a requirement is the right solution. If you mandate, then you must pick a quantity to be achieved, but how can you guarantee that for a particular branch of engineering that enough seminars in their field of expertise will be made available in their area to meet the requirement? For example there seem to be many seminars for Mechanical and Electrical engineers, but fewer for Civil and fewer still for structural. Some individuals may find themselves selecting seminars just to fill PDH requirements, but are of no interest or relevance to their practice and cause unwanted expense. Personally, I attend seminars relative to my field as necessary to keep up with industry changes.	Apr 11, 2012 4:29 PM
128	There are too many changes in regulations and technology to not require	Apr 11, 2012 9:21 AM

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continuing education.

129	I think this is something that needs to be done carefully. My experience in NY was that maintaining your PE through continuing education required a significant financial investment which would be difficult for many small VT engineers to bear.	Apr 10, 2012 4:04 PM
130	I support ongoing education and engineers that keep informed and current. Continuing education credits don't necessarily achieve that. You can go to a conference, learn little, but get CEC's (PDH). I view this requirement as a cost for the PE without necessarily gaining work related knowledge.	Apr 10, 2012 4:00 PM
131	I would assume most VT PEs also carry a license in a state that requires continuing ed.	Apr 10, 2012 3:56 PM
132	Adamant no. We already do enough to stay current.	Apr 10, 2012 3:50 PM
133	Should be left up to the individual's professional ethics to stay current, NOT at the behest of big brother or nanny state.	Apr 10, 2012 3:37 PM
134	Most of us are working in our career field and learning new things every day. Continuing education is a huge cost.	Apr 10, 2012 3:34 PM
135	No answer: Not sure. It depends on the number of hours and the nature of the courses.	Apr 10, 2012 3:24 PM
136	I don't think it's a good time to start requiring new things.	Apr 10, 2012 3:18 PM
137	No answer	Apr 10, 2012 3:17 PM
138	The large states make us do it. VT can "ride" on their admin for engineers with multiple licenses.	Apr 10, 2012 3:08 PM
139	Provides for public confidence as other professions are requiring it.	Apr 10, 2012 2:35 PM
140	Adds burden to existing PEs but totally misses the goal.	Apr 10, 2012 2:24 PM
141	Conditionally - Provided it is patterned after the system used in New Hampshire.	Apr 10, 2012 1:55 PM
142	My experience with other states is that acceptable CE courses are of questionable worth and often do not directly apply to the specific type of engineering that I am engaged in.	Apr 10, 2012 12:54 PM
143	Required in NY state.	Apr 10, 2012 12:35 PM
144	Excessive costs, difficulty getting time off, reluctance of employer to support, available CE is usually non applicable to necessary skills.	Apr 10, 2012 11:43 AM
145	If it is those who already have a license should be exempted (grandfathered).	Apr 10, 2012 11:29 AM
146	CE credits - as required in Maine - are another thing to waste time and money and fund scams to try to get credits. It turns into a struggle to count and submit credits most cost-effectively that really don't make me a better engineer.	Apr 9, 2012 2:24 PM



**Q1. Do you believe that continuing education should be required to maintain licensure in Vermont?**

147	I firmly believe that you cannot function as an engineer without continuing education. I also firmly believe that mandatory requirement are absurd. If an engineer is not continually developing on his own via our numerous professional periodicals, etc., sitting in on an expensive seminar is not going to make up for it.	Apr 9, 2012 11:00 AM
148	Mandatory Continuing Education should be required only if Vermont can avoid the problems with limited resources for approval of course material (i.e. Practicing Institute of Engineering (P.I.E) in New York). I like the AIA approach.	Apr 9, 2012 9:12 AM
149	Well worth the effort. The CE hours typically is easy to accomplish.	Apr 9, 2012 9:11 AM
150	MAINLY WHEN TECHNOLOGY, RULES, AND LAWS IN VERMONT AND THE NATION SIGNIFICANTLY CHANGE FOR THE PLANNING, DESIGN OR CONSTRUCTION OF ENGINEERING PROJECTS WITHIN LICENSED DISIPLINES.	Apr 8, 2012 8:40 PM
151	While an engineer should keep up with the changes in his/her area of work, there is no guarantee that the additional CEU would be in that area. Also, Continung Education can be very expensive. ASCE courses cost about \$800 per CEU before expenses are considered. A 1.5 CEU course can cost \$2,500 or more. If 8 CUEs are required this could cost \$20,000. And have nothing to do with the work being done! My whole 4 years of undergrad at UVM between 1966 and 1970 only cost \$6,000 Total. I am not certain of the relationship between CEUs and PDHs so my response is equating 1 CUE to 1 PDH	Apr 8, 2012 3:10 PM
152	Good quality engineers already continue their education. Poor quality engineers do not and would simply find ways to meet any continuing education requirements without actually improving their knowledge or skills. Too many continuing education events are of little worth to make them useful. Vermont could consider a self-reporting process instead, wherein a record of continuing education activities by each licensed engineer is maintained in a database by each engineer if there's a desire to create some track record.	Apr 8, 2012 5:24 AM
153	Nearly all of the professional development classes I have taken or seen offered have been of little educational or professional value.	Apr 6, 2012 3:51 PM
154	I meet continuing education requirements for my NH license.	Apr 6, 2012 3:46 PM
155	But, I am not sure CE really insures competency.	Apr 6, 2012 3:37 PM
156	This same requirement is for land surveyors and now the info is repetitive. Considering this would require one taveling, the cost for transportation will add up.	Apr 6, 2012 3:23 PM
157	Any good engineer will maintain his or her education w/o a requirement. A min. PDH limit does not improve the rest.	Apr 6, 2012 3:09 PM
158	I have to get PDHs in most states. I am busy, but manage to do it. I think it is of limited value.	Apr 6, 2012 2:32 PM
159	On line E-courses would be a blessing for those us that are very busy.... Which, these days, is most of us	Apr 6, 2012 2:31 PM

**Q1. Do you believe that continuing education should be required to maintain licensure in Vermont?**

160	Not sure, I don't have a problem with this as long as Vermont would accept the same hours that other states do and not have hours good only in Vermont.	Apr 6, 2012 2:30 PM
161	Whild I am not sure engineers do not stay up with the latest in their field without continuing education, the perception by the public is likely to be that we should be doing this.	Apr 6, 2012 1:56 PM
162	CEUs are mainly a money making business for those who give the classes. Engineers who take a quick online exam/course are not better engineers than those who are doing actual engineering work 40+ hours a week.	Apr 6, 2012 12:12 PM
163	It should not require more than other states, allowing CE used for other states to be used for VT.	Apr 6, 2012 12:06 PM
164	It should be coordinated such that it's timing is concurrent w/ other states.	Apr 6, 2012 11:57 AM
165	Experience & on-the-job training is most beneficial. Continuing education such as attending conferences & seminars are valuable but shouldn't be required.	Apr 6, 2012 11:53 AM
166	I have mixed feelings on this issue: i believe any good professional should be responsible for maintaining their own technical competence, which is specific to their practice, and which cannot be dictated by someone else. Competence should be voluntarily maintained by membership in technical societies, regular reading of technical literature and participation in conferences. Required continuing education suggests that licensed professionals can abdicate this responsibility, and is suggestive of an overall erosion in the standard of professional practice.	Apr 6, 2012 9:30 AM
167	As long as the requirements are not too onerous.	Apr 5, 2012 3:06 PM
168	As long as the requirements are not too onerous.	Apr 5, 2012 3:05 PM
169	I feel that continuing education credits drive up the cost for attending seminars and courses. Organizations holding these events take advantage of the continuing education credits and charge higher fees because they know it is a requirement and PEs have no other choice.	Apr 5, 2012 1:03 PM
170	Yes, I do believe that Continuing Ed should be required. But for out of State Licensees who are already required under their States requirements; those same continuing ed credits should count for Vermont. Some States have exclusions that state if you are already under a State with continuing ed then you would be exempt.	Apr 5, 2012 12:09 PM
171	It is essential for any PE to maintain competence in this rapidly changing world.	Apr 5, 2012 10:14 AM
172	There is no evidence that mandated continuing education improves the quality of engineering work preformed.	Apr 5, 2012 9:07 AM
173	Your letter says only 15 states do not have continuing education requirements. I am registered in 6 states and only 2 of them have continuing education requirements. In my case, any continuing education I acquire can be used in both of them and VT as well if it becomes required, so it really does not affect me.	Apr 4, 2012 10:03 PM



**Q1. Do you believe that continuing education should be required to maintain licensure in Vermont?**

174	See comments below	Apr 3, 2012 9:56 PM
175	If PDHs are required in VT in the future, please require that all P.E.s obtain them. NY does not require PDHs for P.E.s that are covered by a collective bargaining agreement (i.e. State employees who belong to a union).	Apr 3, 2012 8:15 PM
176	Engineers maintain and enhance their knowledge/skills primarily through a variety of informal methods: learning from other engineers, working on problems/issues, reading from a variety of sources (including off the internet), preparing to give presentations or teach courses, attending conferences, etc. Making continuing education a requirement to maintaining licensure would be an additional bureaucratic burden without meaningful added value. Most of what we learn comes through sources other than traditional education courses. Continuing learning is something all practicing engineers do, but let us do it in our own way using whatever formal (AND INFORMAL) means we deem appropriate.	Apr 3, 2012 4:28 PM
177	Cont.Ed will necessitate additions to OPR staff with attendant cost. Therefore, licensing fees will increase. As professionals we should maintain competency without being required to do so. Most of us already do so. I am also a LS. I've watched our license fee increase to \$400/2 yrs. and the quality of the cont.ed offerings has declined to the point that most are worthless. Cont. ed results in time away from work, costs to attend and no improvement in skill level.	Apr 3, 2012 10:12 AM
178	Your professional judgement and quality of work should determine your ability to conduct business.	Apr 3, 2012 8:22 AM
179	most states that i hold PE's i require continuing education	Apr 3, 2012 7:57 AM
180	would be helpful to maintan a current view of the engineering world I support the effort.	Apr 2, 2012 8:16 PM
181	Not in the manner currently required in NY State. NYSSPE uses PDHs only as a tool to promote meetings and events to generate \$\$\$. I have seen little if any change in credibility and/or value to NYS licensed engineers.	Apr 2, 2012 7:29 PM
182	As long as it is a simple system based on the New Hampshire system. The New York system is way too strict and much more costly to gain PDHs.	Apr 2, 2012 7:24 PM
183	it provides no value, takes my time and money, has created a cottage industry for non-professionals. I have to maintain my license in other states, and I do not feel any smarter. The professionals who want to learn will do it! others come t o the classes and sleep	Apr 2, 2012 6:13 PM
184	There are already enough constraints on an engineer's time. Anyone who has advanced through the rigors of a university engineering education already has the motivation for continued selfstudy of readily available technical literature. The licensing bureau cannot legislate a bad engineer into a good engineer. This whole issue of required CPD by state's is nothing more than lawyer / legislature initiated revenue production. Let the lawyers legislate their own profession first.	Apr 2, 2012 5:40 PM
185	WHile I understand the reason for continuing education the probelm I have is that no credit is given to engineers like myself who are actively invoved in the	Apr 2, 2012 3:22 PM

**Q1. Do you believe that continuing education should be required to maintain licensure in Vermont?**

engineering profession every day and really are not in need to accumulate continuing education hours. I think only engineers who are not actively participating in the engineering field should be required to accumulate CEU's

186	I believe CEU's are too expensive and do not provide value to most professional engineers. I have been taking the courses for other states for years and I can attest that they do not increase my education in my field.	Apr 2, 2012 3:02 PM
187	Not if you are going to copy the program from another state.	Apr 2, 2012 2:58 PM
188	There is already too much unnecessary bureaucracy and regulation to administer. Besides in order to be competitive a firm needs to stay current this makes PD a critical component of success. Lets not add another layer on to what we are already doing.	Apr 2, 2012 1:25 PM
189	This is supported as long as it's fair. Many states provide credit to college professors studies and papers which is part of their employment, but there is no field work required. There needs to be a field or outside employment element. Not all education is in a book or lab.	Apr 2, 2012 10:45 AM
190	I currently have a VT license by comity from another state. I live in a rural area. Getting access to useful technical courses that qualify for PDH's while living in a rural location is difficult. Many of the online options are either trivial or quite expensive per credit hour.	Apr 2, 2012 10:19 AM
191	Continuing education is important to the profession, however, most actively practicing engineers receive continuing education on-the-job every day. There should be a way to recognize OTJ continuing education for fulfillment of CE credits.	Apr 2, 2012 9:01 AM
192	With some flexibility of how the continuing education is provided.	Apr 1, 2012 9:10 PM
193	Only if PE credits from other states are applicable and reciprocal.	Apr 1, 2012 8:10 PM
194	I am not aware of ANY correlation between required continuing education and improved professional engineering practice or ethics.	Apr 1, 2012 4:47 PM
195	Continuing education as required in most states is a weak attempt at maintaining a level of proficiency in engineering. The general perception is that CE requirements are being driven by training providers that provide a shallow level of training for most engineers to complete their requirements.	Apr 1, 2012 10:33 AM
196	Continuing education for a practicing engineer wastes time and money. Most of the engineers do whatever is easy and cheap, it really has little to do with actual learning new information. My experience has been that when I need education or updating on something, I do it. To require a certain amount of classes per year does not, in my opinion, advance the profession or professionalism.	Mar 31, 2012 8:05 PM
197	I would support a continuing education requirement that allowed those who have been licensed many years to be exempt...example, if you are licensed for less than 10 years, continuing education is mandatory...if you are licensed for more than 10 years, it is optional.	Mar 31, 2012 6:48 PM

**Q1. Do you believe that continuing education should be required to maintain licensure in Vermont?**

198	Continuing education is not an indicator that someone is proficient to practice engineering. Many of the courses I have seen offered as PDH credits have nothing to do with what I do day in and day out in my job and the whole concept of continuing education is hoop jumping that contributes nothing to my qualifications. What a person actually does during his licensure is more important to me. Has the individual exhibited oversight over sound engineering design and practice, does their methodology reflect current state of engineering and materials practice. A review of projects completed with responsible charge would be much more beneficial.	Mar 31, 2012 3:57 PM
199	From my observations, many engineers do not maintain currency in their fields.	Mar 31, 2012 9:31 AM
200	Does not add much value to the profession	Mar 30, 2012 2:06 PM
201	Continuing education should be mandatory in every jurisdiction with a minimum number of set hours related/dedicated to building codes.	Mar 29, 2012 6:29 PM
202	Each credit should count toward each state in which a license is held. In other words, 12 credits per year should count toward the requirement in both Vermont and New York.	Mar 29, 2012 5:57 PM
203	I might possibly be in favour if two things were true: that equal weight be given to actual work in responsible charge, and if the continuing education courses were of direct value.	Mar 29, 2012 3:31 PM
204	This ensures that PE's remain current on new techniques and technology, best practices etc. Very often, PDH's can be developed through participation in technical conferences - which is where new techniques and technology is presented. By mandating a minimal number of hours, you encourage your PE's to remain in touch with their profession and technology.	Mar 29, 2012 3:18 PM
205	I am a proponent of continuing education requirements. However, the process for CEU validation most states use require specific documentation certificates and will not accept others such as in-house seminars, vendor seminars and in house presentations. Virtually all engineers I work with more than satisfy the standard 15 PDH per year required by most CEU programs by ongoing involvement (outside of project work) with vendors, other engineers, technical presentations, self study, etc. I have been audited by two states for CEU compliance. Both of the states did not recognize several technical presentations I delivered in our office and to Architects even though I had supporting presentation available. These types of presentations require much effort and background study and in my opinion are far more effective than an on-line course where you can get an "accredited" CEU certificate. Unfortunattely, the most effective way to "prove" CEU's for the state licensing programs is to take an on-line course and submit the documentation. Some of the "accredited" courses have worthwhile material, but for the most part it becomes just a process to get a certificate and takes time away from more useful CEU activites. It is frustrating to deal with adminstrators/auditors of a program who require a specific CEU certificate instead of being able to recognize common sense equivalent CEU activites.	Mar 29, 2012 3:04 PM
206	I may be naive but I would hope that practicing PEs would seek additional education if they felt it was required to perform their requirement of being a	Mar 28, 2012 7:44 PM

**Q1. Do you believe that continuing education should be required to maintain licensure in Vermont?**

Professional Engineer.

207	I am required to do this in other states. The courses are very simple and uninformative. This requirement simply takes time and money and adds nothing to an engineer's ability to perform the work usually put before him. If an engineer need knowledge he or she can find the course at that time. Most of us would do that, or seek out a colleague who can help.	Mar 28, 2012 10:56 AM
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**Q2. Do you believe that continuing education will add credibility & value to the engineering profession in Vermont?**

1	No! When assessed for value most CE don't have depth/applicability. they're just done to get PDHs. Yes, also since the general population are ignorant of the eng. profession.	Jul 17, 2012 8:31 PM
2	Yes, somewhat but is it worth the cost and effort?	Jul 17, 2012 8:24 PM
3	Perceived perhaps more than actual	Jul 17, 2012 8:20 PM
4	Engineers should be up to date anyway	Jul 17, 2012 8:18 PM
5	I think disciplines need to be more clearly distinguished that will add credibility	Jul 17, 2012 8:00 PM
6	Add value - not necessarily credibility	Jul 17, 2012 6:59 PM
7	While licensed in other states obtaining credits becomes more of an exercise vs. actually learning. Engineers are just trying to conform to the mandate typically.	Jul 17, 2012 6:38 PM
8	No. The latitude of courses/seminars offering PDHs is wide. It varies from totally worthless to somewhat valuable. Plus it's expensive.	Jul 17, 2012 6:22 PM
9	It has become a way that professional associations, ASCE, ITE, VPE, etc make money on conversation topics not instructive course work	Jul 17, 2012 6:15 PM
10	I do believe that voluntary continuing education is a great value. Also, there are a number of learning opportunities that may not be by "approved" sources - such as talking with peers, mentors, suppliers, and others, that are very educational and allow an individual to increase their practical knowledge base. Also, reading technical books and publications further increase usable knowledge.	Jun 26, 2012 4:47 PM
11	I, and many colleagues, have very mixed feelings on PDH's. A whole new business has sprung up offering PDH's. at an exhorbitant cost together with hotel, travel expenses, which employers find hard to justify for their employees. A PE can go to these courses and get one or more PDH's that may have absolutely no relevance to what he or she does in their professional life. In these economic times, when many engineering firms are battling just to survive, the PDH requirement has become an added burden.	Jun 1, 2012 10:47 AM
12	It is imperative to do this - we don't have credibility unless we do.	Jun 1, 2012 10:27 AM
13	No necessarily.	Jun 1, 2012 7:41 AM
14	I believe it would add a little however the amount would be negligible in the overall picture.	May 31, 2012 9:49 PM
15	Good PE seek out training on their own without being forced. Poor PE may attend classes but do not pay attention or learn.	May 31, 2012 9:35 PM
16	Marginally.	May 31, 2012 9:31 PM
17	It can introduce new products, uses, procedures and design processes	May 31, 2012 9:21 PM
18	See 1. Nobody cares, take care of the bad PE's.	May 31, 2012 8:59 PM

**Q2. Do you believe that continuing education will add credibility & value to the engineering profession in Vermont?**

19	The individual should be able to maintain their own continuing ed, at their own pace.	May 31, 2012 7:32 PM
20	see #11	May 31, 2012 8:10 AM
21	My perspective is that we either take our licensure seriously (e.g., that we stay abreast of current requirements) or we resign our licences.	May 21, 2012 4:24 PM
22	My perspective is that we either take our licensure seriously (e.g., that we stay abreast of current requirements) or we resign our licences.	May 21, 2012 4:23 PM
23	At first it sounds like it would, but based on my experience with continuing education in other states, I believe it does not add any credibility or value. The acceptable courses or seminars are so elementary that we learn little to nothing.	May 17, 2012 6:13 PM
24	Not unless the education requirements are substantially more rigorous than what is currently available. CE should be college-level type work and not some lame conference.	May 17, 2012 6:00 PM
25	Common sense says that it will.	May 17, 2012 5:45 PM
26	But forcing engineers to try to find a useful, applicable "formal" class is expensive! If an engineer is "actively practicing." "formal" classes are not a benefit.	May 17, 2012 5:39 PM
27	The practice and experience gained on the job are the best way to add credibility and value.	May 17, 2012 5:33 PM
28	Most engineers that have credibility gain PDHs without this type of requirement. One who does not can gain PDHs that will not enhance credibility and value.	May 17, 2012 3:59 PM
29	Provided the CE is focused on engineering skill development and ethics.	May 17, 2012 3:35 PM
30	CE courses I've seen are ineffective and only result in revenue to those offering courses	May 17, 2012 3:17 PM
31	Credibility & Value come to the engineering professional by keeping current with the continuous regulations promulgated by sundry AMI in order to obtain certificates of completion.	May 17, 2012 3:13 PM
32	Value - Yes. Credibility - No. As a general rule, the public is not aware of these requirements or what engineers really do. Better public awareness is required.	May 17, 2012 3:06 PM
33	It is very possible, but not guaranteed for all situations	May 17, 2012 2:42 PM
34	Responsible PEs stay current in their field - We do not need more bureaucracy & busywork.	May 17, 2012 2:24 PM
35	Many engineers attend to fulfill requirements, not necessarily "education." Good engineers don't need this requirement	May 17, 2012 2:20 PM
36	Definitely should add value presumably the educational activities are relevant to expanding knowledge in current field(s) of practice.	May 17, 2012 1:17 PM

**Q2. Do you believe that continuing education will add credibility & value to the engineering profession in Vermont?**

37	Vermont is one of a few states without this requirement.	May 11, 2012 9:13 PM
38	It should weed out the less dedicated. About 1000 dropped their licenses in Maine when it was instituted.	May 11, 2012 8:59 PM
39	Most people outside of the profession are fooled into believing that C.E. actually works, so they will think I'm a better structural engineer for taking C.E.	May 11, 2012 8:44 PM
40	Most engineers, before continuing ed requirements, were taking it as a matter of course.	May 11, 2012 8:37 PM
41	All other professionals have to attain continuing ed. Many of our trades have aspects that change over time, and we all have to "sharpen the saw".	May 11, 2012 8:33 PM
42	Competency is respected not paper qualifications.	May 11, 2012 8:28 PM
43	"P.E." adds all the credibility required.	May 11, 2012 4:50 PM
44	Potentially, but only in a minor way...people thinking that states should have it but not asking 'how is this helping?'	May 9, 2012 11:38 AM
45	I think people only use PEs generally because they are required by statute & regulation to do so.	May 9, 2012 11:33 AM
46	Yes & no. Credibility only for non engineers. No engineering value.	May 9, 2012 11:25 AM
47	The mere formality of c. ed. costs money and there is no educational value. Only wasted time and money.	May 9, 2012 10:36 AM
48	Only because the majority of other eastern states already require it.	May 9, 2012 10:34 AM
49	A P.E. is req'd to be competent already.	May 9, 2012 10:31 AM
50	Are clients hiring engineers from other states which require continuing ed rather than VT engineers? I don't think so.	May 9, 2012 10:05 AM
51	I feel this is more of a push from academia than real value added.	May 8, 2012 4:26 PM
52	If improving the engineering profession is the real objective, the engineering society should identify true professional improvement courses as needed and provide such courses on a non-profit basis.	May 8, 2012 4:12 PM
53	What's the evidence? What's the cost/benefit?	May 8, 2012 4:01 PM
54	Just to be the same as everybody else.	May 8, 2012 3:58 PM
55	Yes, but not by a requirement.	May 8, 2012 3:28 PM
56	Not necessarily.	May 8, 2012 3:25 PM
57	Perhaps, perhaps not. It all depends on the motivating factor(s) behind the CE. When one takes CE courses/seminars because they want to, more is gained than when one attends because one has to.	May 8, 2012 3:24 PM



**Q2. Do you believe that continuing education will add credibility & value to the engineering profession in Vermont?**

58	See above	May 8, 2012 3:21 PM
59	Same as above.	May 8, 2012 2:55 PM
60	Value, yes; credibility, no.	May 8, 2012 2:53 PM
61	General public has no clue and probably doesn't care.	May 8, 2012 2:47 PM
62	To clarify, better qualified engineers only adds to the profession, as a whole.	May 8, 2012 2:34 PM
63	Not likely that the general public has any idea about qualification for licensure.	May 8, 2012 2:28 PM
64	It appears that since our value is primarily related to construction for public health and safety many money related efforts are demeaning our importance to assure quality and conformance.	May 8, 2012 2:26 PM
65	See above	May 8, 2012 2:05 PM
66	No one but us PEs cares about this issue.	May 6, 2012 1:13 PM
67	Well, maybe.	May 6, 2012 1:03 PM
68	No evidence that PDHs add any value.....I am required by my NH license and this has not improved my practice.	Apr 28, 2012 4:39 PM
69	Again, a negative response. CPE COULD add value, and possibly credibility, if it is done in a proper, professional way. But if other states haven't been able to get it right, why would VSPE think it can do better? Where will the organization, or the state, get the funds, personnel and time to properly police a system that traditionally produces cheating and subversion? There is no substitute for personal and professional integrity. Those of us who take our profession seriously are ALWAYS learning. Those who want to stagnate and avoid inconvenient learning will always find ways to game the system. A CPE just adds cost and inconvenience that is not balanced by a corresponding improvement in professional competence.	Apr 26, 2012 6:17 PM
70	There are a ton of ways to get worthless credit hours with no effort. I can get 15 credit hours in less than 1 hour in a useless subject.	Apr 21, 2012 1:47 AM
71	More often than not the people who do not see the value in PE licensure do not understand how difficult it already is to become licensed. Requiring PDHs will not change this.	Apr 18, 2012 12:18 AM
72	See above. The CEU programs now are a joke. I can pass a 3 hour bonehead design test in 15 minutes and get credit.	Apr 18, 2012 12:09 AM
73	I believe the general public does not have any knowledge base to assess whether an engineer is credible or not. Let alone other professionals.	Apr 17, 2012 12:50 PM
74	I believe the general public does not have any knowledge base to assess whether an engineer is credible or not. Let alone other professionals.	Apr 17, 2012 12:50 PM
75	No because most continuing education available is either not relevant to my field	Apr 17, 2012 9:32 AM



**Q2. Do you believe that continuing education will add credibility & value to the engineering profession in Vermont?**

or is more of a social event then educational. I am a strong supporter of education and like to experience new areas but the continuing education courses I have taken (and received credit for) have not made any impact to my ability to provide a professional service.

76	I believe the license of being a PE stands on it's own as a source of credibility & value. Again, a true professional is going to ensure they maintain their knowledge base and stay up to date with the technology and changing aspects of the engineering field. Obviously, continuing education has a value and should be available to profession engineers and even encouraged but requiring a minimum standard of "Credits" is going to result in a false sense of credibility. Just because I listen to a few PDH earning lectures or complete some CE credits online does not necessarily mean I am a better Engineer if my motivation is solely to meet the minimum requirement.	Apr 16, 2012 10:15 AM
77	in my opinion, we as professional engineers are obligated to maintain our competence regardless of whether we are required to take courses identified as acceptable continuing education. Having taken 100s of courses, it is my experience that very few truly live up to their promise. I can learn as much on my own via magazines and professional organization activities.	Apr 15, 2012 6:40 PM
78	Most other professionals, doctors, CPAs, etc., have to do continuing education. Why should engineers be any different?	Apr 11, 2012 9:21 AM
79	But this value is not outweighed by my concern expressed in #1 above.	Apr 10, 2012 4:04 PM
80	No answer	Apr 10, 2012 3:53 PM
81	Nobody cares as long as their projects are completed on time and under budget.	Apr 10, 2012 3:50 PM
82	Credibility perhaps. But value? How would you go about measuring these elements?	Apr 10, 2012 3:37 PM
83	Credibility, no. Value, yes.	Apr 10, 2012 3:26 PM
84	Probably	Apr 10, 2012 3:24 PM
85	No answer	Apr 10, 2012 3:17 PM
86	See response to no.1	Apr 10, 2012 2:35 PM
87	Requiring licensure of all engineers is the only way to improve credibility to the ...	Apr 10, 2012 2:24 PM
88	When they think about it at all the public assumes that cont. prof. development is already required.	Apr 10, 2012 2:03 PM
89	Vast majority of public doesnt seem interested.	Apr 10, 2012 11:51 AM
90	Engineering experience adds credibility.	Apr 10, 2012 11:29 AM
91	This sounds like a solution in search of a problem. I have not been questioned on the credibility and value of my engineering expertise because of the P.E. after my name or my stamp. As the owner and principal engineer of my own firm, I	Apr 9, 2012 2:24 PM

**Q2. Do you believe that continuing education will add credibility & value to the engineering profession in Vermont?**

	am responsible for providing the proper engineering product. Will it reduce the cost of professional liability insurance? My clients care about my ability to solve problems. My abilities are more from my experience, not my education.	
92	See comment above.	Apr 9, 2012 11:00 AM
93	It requires engineers to stay abreast of current technology and trends.	Apr 9, 2012 9:12 AM
94	See above comment to Question #1.	Apr 8, 2012 3:10 PM
95	I have attended very many events that would qualify as continuing education. Few of them result in significant enough improvement of knowledge or skills to warrant being a requirement. The most useful education opportunities are the most expensive and least convenient; people who really want to improve already go to those. The least useful are often the least expensive and most convenient; people who just want to meet the requirement are likely to attend those, and we will have gained nothing in stature or quality.	Apr 8, 2012 5:24 AM
96	The amount/level of added credibility and value is questionable/debatable.	Apr 7, 2012 1:00 PM
97	From a PR viewpoint almost all other professionals require CE. CE is of value and all professionals should attend professional education if it is required or not.	Apr 6, 2012 3:55 PM
98	Any responsible engineer will spend time staying current in their profession out of necessity to remain competitive. Moreover, with code requirements constantly changing and new technologies being introduced all the time, any good engineer needs to take action to remain competent. We don't need the state mandating it.	Apr 6, 2012 3:51 PM
99	It will if the accepted CEU activities are real learning experiences as opposed to just online self study.	Apr 6, 2012 3:03 PM
100	This depends on the class requirements.	Apr 6, 2012 2:30 PM
101	Credibility is the main issue with continuing education. Since the laws of physics have not changed since I started in this field, the value of continuing education is limited to staying abreast of the latest equipment and design tools. I think most engineers must do this to be competitive, but continuing education adds credibility to our profession.	Apr 6, 2012 1:56 PM
102	If you look at the courses that qualify for CEUs, you realize that the requirement is not to help the engineer. To be a PE you need to be highly qualified to begin with.	Apr 6, 2012 12:12 PM
103	I don't think continuing education is important to most clients	Apr 6, 2012 11:33 AM
104	As long as the requirements are not too onerous.	Apr 5, 2012 3:06 PM
105	As long as the requirements are not too onerous.	Apr 5, 2012 3:05 PM
106	Every other significant "profession" requires continuing education. We must do the same.	Apr 5, 2012 10:14 AM
107	If continuing education added credibility & value to engineering work, the	Apr 5, 2012 9:07 AM

**Q2. Do you believe that continuing education will add credibility & value to the engineering profession in Vermont?**

	insurance company's would be offer a reductions in premiums for error and omissions, which is not the case.	
108	The public is unaware of continuing education requirements and will not feel better about a PE because of it. Do Doctors or Lawyers have continuing education requirements for their licensing? I don't know, do you?	Apr 4, 2012 10:03 PM
109	The engineering profession does have credibility in Vermont. However, our profession will be stronger by providing increased collaboration and educational opportunities.	Apr 4, 2012 11:36 AM
110	I don't see the benefit for civil and structural engineers. As professionals we have to keep current with the specifications in the areas where we practice. If we have the need to go into a different area it is our responsibility as a professional to become proficient. I don't believe that continuing education will go into the subjects in the depth required nor is there any guarantee that it would be available at the right time. Continuing education will not turn a unprincipled engineer into a good professional.	Apr 4, 2012 9:33 AM
111	I do not believe that credibility will be added as internal or external "customers" make judgements on work performance and not classes attended. Depending on content, timing, and assessibility, they may add value to the engineering profession.	Apr 3, 2012 9:56 PM
112	Most all other professions require continuing education on an annual basis.	Apr 3, 2012 8:15 PM
113	Most people recognize that formal continuing education is only a small fraction of what engineers need to know and learn over time. Would someone think, "oh, this person took two days of classes last year; he must be qualified"? Nobody would think that. Would someone think, "this person did not take two days of classes; he must not be qualified"? Nobody would think that either. The absence or presence of taking continuing education courses is not a useful measure of whether someone is qualified to do engineering work capably or not.	Apr 3, 2012 4:28 PM
114	See above. The public has no idea whether or not a PE participates in cont. ed or, for the most part, what it is.	Apr 3, 2012 10:12 AM
115	I do participate in continuing ed. when available, but oppose being required to take course to maintain my license.	Apr 3, 2012 10:08 AM
116	Most of the seminars that provide contact hours for other states are not challenging as a professional. I obtain more information through reading.	Apr 3, 2012 8:22 AM
117	Has had no impact in NY other than to make a new business of offering PDHs to engineers. Most NYS accredited courses are of little value and the primary motivation of offerers is \$\$\$.	Apr 2, 2012 7:29 PM
118	If engineers and engineering societies market the value, it will add credibility to the profession.	Apr 2, 2012 7:24 PM
119	My real answer is maybe, Unfortunately, this is probably true.	Apr 2, 2012 6:13 PM
120	I am assuming you mean legislated CPD. Requiring 12 hours of PDHs cannot	Apr 2, 2012 5:40 PM

**Q2. Do you believe that continuing education will add credibility & value to the engineering profession in Vermont?**

possibly add credibility or value to to a profession that stands by a code of ethics that demands self analysis with regard to being fit to practice in a specific field or subject matter.

121	The continuing education requirement is frankly a tol for providers to charge engineers a fee to take online courses simply to fuffill thier professional licensure renewals.	Apr 2, 2012 3:22 PM
122	It had the potential to add credibility and value. But what it has become is useless program that costs engineers time and money in my opinion.	Apr 2, 2012 2:58 PM
123	See #1 above.	Apr 2, 2012 10:45 AM
124	It unfortunately tends to force relatively inactive engineers from keeping their licenses current	Apr 2, 2012 10:19 AM
125	There are many things about the engineering profession that detract from its credibility (# of times exam can be taken, minimal requirements to sit for exam, etc.) requiring continuing education barely scratches the surface. As most continuing education classes are structured to provide the credit with as little effort as possible, the majority of these classes are a joke at best. The entire profession needs attention and starting with continuing education is the least of the issues in my opinion. Given the reasons above I don't want to waste my time with running through the motions, or pay additional money for my trouble.	Apr 2, 2012 8:07 AM
126	See comment above.	Apr 1, 2012 4:47 PM
127	Vermont should avoid trends in other states that have not demonstrated any value to improving the profession or safety to the public, while adding cost and adminstrative overhead. Vermont instead should be leader and focus on what is meaningful, and truely demonstrates proficiency, rather than a "me too", "check the box" solution.	Apr 1, 2012 10:33 AM
128	See above.	Mar 31, 2012 8:05 PM
129	The company where a licensed engineer works already ensures that their employees obtain the necessary education to properly perform the engineering functions. Continuing education would not change the public safety that a Professional Engineer is already committed to ensure to the utmost degree.	Mar 31, 2012 6:48 PM
130	Why should we believe it will add credibility. Completion of projects that meet client expectation, fair evaluation and application of regulatory mechanisms, consistent ethics in design and presentation of projects....that will add credibility and value. Continuing education, as pointed above, in no way is a guarantee of professional competence or integrity in practice.	Mar 31, 2012 3:57 PM
131	Currency is expected by clients but they haven't any idea how it is obtained.	Mar 31, 2012 9:31 AM
132	the general public loves the appearance of continuing education. They can be fooled in other ways, too.	Mar 29, 2012 3:31 PM
133	Everyone assumes that engineers make it their job to keep up with the industry!	Mar 29, 2012 3:18 PM

**Q2. Do you believe that continuing education will add credibility & value to the engineering profession in Vermont?**

134	See above comments	Mar 29, 2012 3:04 PM
135	No. The courses are trivial. Anyone who really knows what the courses are like would take no comfort in knowing that engineers waste their time fulfilling a requirement to take them.	Mar 28, 2012 10:56 AM

**Q11. Do you have any other comments?**

1	Open all learning as acceptable. ASME GDT cert doesn't qualify for PDHs. Neither does Microsoft's Excel or Word cert. But "Engineering Math" is 3 PDHs. Engineer's math skills are established in school, plus computers. A GDT or Microsoft certification is more valuable and useful (for example) and don't apply. This is why PDHs as currently implemented is ludicrous. Do the math!!	Jul 17, 2012 8:31 PM
2	I have been practicing engineering since 1958 and I plan to continue for at least 9 more years. I am up to date based on my consulting engineering practice.	Jul 17, 2012 8:27 PM
3	Your late fees for PE renewal should be reasonable. The state of Oklahoma has late fees as high as \$250 for 120-180 days late. Engineering should pay more than driving a truck for a living	Jul 17, 2012 8:22 PM
4	A VT PDH should be credited with other PDHs from other states of similar continuing ed requirements.	Jul 17, 2012 8:20 PM
5	An engineer's job is to stay current while maintaining professional licensure. Keeping up with changes is a must. Most of the classes that are offered by "accredited" CEU vendors are a joke, expensive, and not taught by a licensed professional. What about teachers? They remain current,	Jul 17, 2012 8:18 PM
6	I am already required to take continuing ed for other states I am licensed in so this would not impact me other than increased renewal fees.	Jul 17, 2012 8:15 PM
7	It would be desirable to create a category of retired professional engineers who no longer practice but would like to retain the title of PE. People in this category should still pay dues but not be subject to PDH.	Jul 17, 2012 8:13 PM
8	Retired but wish to maintain my Vermont license	Jul 17, 2012 8:04 PM
9	NY state cont ed is geared toward civil/env with only courses approved by them. AICHE seminars are not allowed considering AICHE is the Chem E organization - that is ridiculous. A PE is ethically bound - rely on that premise in accepting courses	Jul 17, 2012 8:03 PM
10	There should be consideration with neighboring states on number and type of acceptable credits	Jul 17, 2012 7:29 PM
11	I am in support of PDH. However some state requirements, NY for instance, are onerous for those living out of state to the point of being unachievable without considerable expense. Please don't follow NY State's model.	Jul 17, 2012 7:23 PM
12	Personal responsibility	Jul 17, 2012 7:21 PM
13	I maintain licensure for professional status, not as a requirement of my job. I have never stamped a print	Jul 17, 2012 7:14 PM
14	I am a professional engineer working for New York State Dept. of Environmental Conservation. I am exempted from documenting PDH hours, although I do get training opportunities. I would like to maintain my PE license in Vermont, where I took my PE exam in 1987. I would prefer not being required to document the PDH hours I attain, but realize I have limited say on this matter.	Jul 17, 2012 7:12 PM
15	I am licensed in several states that have CE requirements varying from 8 to 24	Jul 17, 2012 7:07 PM

**Q11. Do you have any other comments?**

hours. As long as the same courses count across multiple states there is no additional hardship. It becomes burdensome when courses are state-specific such as laws or ethics. Too many of them can really add up.

16	I don't think it's necessary for VT to have CPC requirements. Any engineer of any accomplishment will be licensed in neighboring states that require CPC. Therefore most engineers probably already have it that need it.	Jul 17, 2012 7:05 PM
17	I urge Vermont to align CE requirements with a National standard like NCEES proposals. Please do not establish restrictive limitations on acceptable PDH sources that other states allow. Tracking multiple state requirements and calendars is very aggravating.	Jul 17, 2012 7:04 PM
18	I am a retired PE and enjoy keeping my PE. Don't want to take courses.	Jul 17, 2012 7:00 PM
19	I believe strongly that continuing education should be a part of maintaining any professional certification.	Jul 17, 2012 6:57 PM
20	I am effectively retired. When occasional work is available in my area of expertise , I take on 1 to 3 week jobs. I do not support regulated professional development.	Jul 17, 2012 6:56 PM
21	In reality continuing ed credits end up being "scrambled for" at the last minute due ot the day to day rigors of being a working PE. Thus they are rarely helpful and only disruptive.	Jul 17, 2012 6:53 PM
22	I have a PE in 3 states that require continuing professional dev. It's a good source of income for providers but is of little value to the engineers. Most employers can't bear the cost of sending all staff to outside training so most of the credits are by online or in house methods. Also, all states seem to have different requirements governing what constitutes a credit and verification methods. NJ recently required CE and made the reporting requirements so onerous they could not manage the programs and had to delay enforcement. The programs are not successful in achieving their goals. It may add to perceived "professional status" to teh outside world, but makes little difference in the competence of an individual engineer.	Jul 17, 2012 6:51 PM
23	Current CEU training requirements for other states don't have reciprocity to other states. If VT imposes CEU requirements I will suspend my VT license	Jul 17, 2012 6:47 PM
24	PDHs have a very large impact particularly on small firms. The lost billable time and expense of the courses/seminars has a big impact and the benefit is minimal for experienced engineers.	Jul 17, 2012 6:43 PM
25	In-house sessions is the real learning. Many PDH courses are offered by manufacturer in which the basis of the course is tailored around their product	Jul 17, 2012 6:38 PM
26	Another government solution to a problem that doesn't exist	Jul 17, 2012 6:34 PM
27	Engineers have to stay apprised of the latest technologies for changing and competitive markets. This should suffice for continuing ed. I have seen continuing education become a money maker for other states such as New York. Not what it is intended for.	Jul 17, 2012 6:33 PM



**Q11. Do you have any other comments?**

28	I've been a licensed engineer for 31 years. I learn and brush up on technical subjects as needed. The PDH requirement serves no real value. It serves only to bring revenue into the provider of the cont. ed course/seminar	Jul 17, 2012 6:22 PM
29	While I have maintained my license all these years as a credential, I have not actively engineered anything in a long time. I do feel there should be more rigorous standards to keep a licence (for example proof of recent engineering work).	Jul 17, 2012 6:17 PM
30	The courses offered unless at technical conferences usually are way of getting professional to attend an association meeting or to make money with some course. The intent of PDHs is good but there is too much politics and abuse just to make money	Jul 17, 2012 6:15 PM
31	There should be one set of requirements for all states and a central registry for hours	Jul 17, 2012 6:12 PM
32	The requirement for continuing education credits is a growing trend in many states. in my opinion the time spent taking what are generally very superficial courses is wasted. These programs benefit CEC providers more than the public interest. I don't believe they make engineers better.	Jul 17, 2012 6:09 PM
33	Many states have this requirement. It should be of little impact to most that already live to this requirement in other states. It definitely assists in ensuring currency in this profession.	Jul 17, 2012 6:05 PM
34	My answer to question 9 is based on the fact that I have to obtain at least 15 hours per year to satisfy other state's requirements. If I were only registered in Vermont my answer would be "Moderate Impact" since I would be taking some CEU's each year anyway just for my own improvement.	Jun 26, 2012 4:47 PM
35	Q10 - Yes, because these sessions could be tailored to current work/projects within the company.	Jun 1, 2012 10:47 AM
36	I am registered in 41 states and 34 require PDH's. I do not feel it adds any value.	Jun 1, 2012 10:41 AM
37	I do not think it is possible to legislate intelligence, conscientiousness, or "up-to-datedness." If we must do this to satisfy the education lobbyists, I favor a national system recognized by all 50 states.	Jun 1, 2012 10:37 AM
38	Do not have applicants fill out (list) continuing ed hours on renewal form. Just list hours.	Jun 1, 2012 10:35 AM
39	Licensing is not a requirement of my position with the federal government and any PDH cost would be out of pocket. I would most likely let my license lapse.	Jun 1, 2012 10:31 AM
40	This (continuing education) requirement is far overdue in Vermont. The NH model is a good example.	Jun 1, 2012 10:27 AM
41	Q10 - Up to a maximum, say max 6 hours can be "in-house" of the total 12 hours required.	Jun 1, 2012 10:23 AM
42	"In-house" technical sessions provide an unfair advantage to larger firms and reduce the courses offered elsewhere.	Jun 1, 2012 10:18 AM



**Q11. Do you have any other comments?**

43	Please be consistent with NCEES recommendations.	Jun 1, 2012 10:17 AM
44	I hope that this survey is not just an exercise and that you have already made up your minds.	Jun 1, 2012 7:41 AM
45	What adds credibility & value to the engineering profession is quality individuals performing consistently excellent work. Cont. ed. has become an industry to turn profit & drive membership in organizations rather than enhance the engineering profession.	Jun 1, 2012 7:38 AM
46	I have been a practicing engineer for close to 40 years. At this stage PDH's are not necessary.	Jun 1, 2012 7:19 AM
47	good luck!	Jun 1, 2012 7:16 AM
48	PD requirements may vary, ie, PE's actively included in design vs other professional positions, such as project management or business development/operation.	Jun 1, 2012 6:31 AM
49	I am not renewing. I do not work in Vermont any longer.	Jun 1, 2012 6:29 AM
50	I already have to meet any CE requirements that is put in place for Vermont because of my other licenses so this change does not impact me. What I contend though is that Vermont has it right by not requiring CE while the other states that require CE have it wrong.	Jun 1, 2012 6:28 AM
51	Q10 - Yes, but only if they meet minimum requirements for session length, subjects and quals of instructor.	Jun 1, 2012 6:25 AM
52	This market for PDH's has been diluted so much that there is little value gained in the time spent for the PDH's. The time is better spent getting real life experience in the field solving problems.	May 31, 2012 9:56 PM
53	CPD is a good theory. In practice, all it had accomplished is creating an industry that provides low quality training as well as create tax deductions for recreational travel.	May 31, 2012 9:54 PM
54	If it goes in, keep it simple. Do not copy NY! VT is my state of original license & it's important to me to be able to simply maintain the registration.	May 31, 2012 9:47 PM
55	Use best practices for continuing education by reviewing what other states required. Florida's requirement for rules, laws, etc. Every renewal period is excellent - most P.E.'s do not know what really constitutes plan stamping. Contact me with questions or suggestions mchow@metrocdengineering.com	May 31, 2012 9:42 PM
56	I am also licensed in BY where continuing education is required. Sometimes I have to forego training on a progressive topic because it does not meet acceptable PDH standard requirements to take "same old" credited courses to meet my quota.	May 31, 2012 9:35 PM
57	Since I currently have no projects in Vermont, I will probably not renew if there is a fee increase. I may renew only once more anyway.	May 31, 2012 9:31 PM
58	Being semi-retired and having practiced for 48 years I don't feel continuing ed	May 31, 2012 9:27 PM

**Q11. Do you have any other comments?**

makes a good engineer. A good engineer will continue to educate him or herself in areas of interest and to keep current without the requirement.

59	I question the value of continuing ed. It has become a racket.	May 31, 2012 9:25 PM
60	Q10 - Yes, However the sessions should be technical in nature and not just sales visits.	May 31, 2012 9:22 PM
61	CEU requirements puts burdens on the licensing board and the professional as bookkeeping, record keeping, staffing and cost that gets past all the way down to the end customer and in paper.	May 31, 2012 9:21 PM
62	As a professional engineer, you have a duty to be up to date on your area of practice. You do not need any continuing education requirements.	May 31, 2012 9:17 PM
63	As someone who holds licenses in multiple states, I appreciate it when a state recognizes the reqt's of my resident state by reciprocity.	May 31, 2012 9:13 PM
64	Q10 - If they're taught by a qualified individual, yes. If it's Bob from Accounting, no. Bringing us up to par w/everyone else is a fantastic idea! It's not like we don't run into similar technical challenges as other states. We should have similarly qualified individuals, especially as the industry evolves.	May 31, 2012 9:10 PM
65	Keeping track of various states requirements is burdensome.	May 31, 2012 9:06 PM
66	For those licensed in many states there should be no restrictions on where the PDH was obtained as long as it pertains to the field of engineering. Laws + ethics from any state should be acceptable and credit for patents as well. Proof of credits should only be produced on an audit basis.	May 31, 2012 9:03 PM
67	I live in FL. How do I get Continuing Ed. (Q10). I see no benefit after holding a Florida VT. Surveyors used this to exclude small surveyors. How could I maintain the LSS when i lived in Florida. They were in excess of \$300 CEU to maintain LSS. I had my LSS many years and water forced out by the cost of the LS license.	May 31, 2012 8:59 PM
68	Do not pre-approve courses!!!	May 31, 2012 8:54 PM
69	Unless there are firm & clear requirements for what constitutes "in-house" technical sessions/ (Q10) Several states I am registered in currently have continuing education requirements so it is no impact to me.	May 31, 2012 8:51 PM
70	It would be good if the same 12 PDH's that are needed for Vermont would be the same that satisfy my home state (Missouri).	May 31, 2012 7:25 PM
71	Depends on how they are conducted. (Q10). Most of my registrations require CE hours so the time is not a factor nor is a small cost.	May 31, 2012 7:14 PM
72	PDH's are required in many states and are transferable from state to state, so additional costs are minimal if one is registered in several states. There are many on line webinars, many for free of charge that alleviates additional costs. To me, PDH's are a way to keep up with technology.	May 31, 2012 7:07 PM
73	Continuing education requirements in other states where I practice have been a	May 31, 2012 6:56 PM

**Q11. Do you have any other comments?**

significant benefit to my professional development.

74	possibly, if someone independent checks on, and approves the content. (Q10)	May 31, 2012 6:53 PM
75	Yes, with a maximum limit of ~4-6 hrs/year. (for Q10)	May 31, 2012 8:21 AM
76	Thanks for doing a survey. Most states don't ask my opinion.	May 31, 2012 8:15 AM
77	<p>If the technical sessions can be accredited the same and other sources of PDH credit (for Q10), I am a strong believer in continuing education, both on the technical side and on the topic of professional ethics. I think that you should require that engineers licensed in the state of Vermont take from 12 to 15 hours of certified, professional, discipline specific, technical hours, and at least 1 hour of ethics instruction, each year. It is my experience that in-house "training" often takes the form of a 45 minute lunch and learn presentation with the topics quite frequently being on the elementary side. The lunch and learn classes are usually offered for all employees to attend - which is good on its own merit - but by nature of the casual mix of attendees - even engineering issues cannot be addressed due to the varied background of the class. Yet my working experience has also been that there is little budget for engineering employees to regularly leave the office and attend an outside training function of true rigor and merit - such as an ASME Training Class, say, on Pressure Vessel Design; something I did a few years ago which was indeed rigorous and though provoking, but also expensive and time consuming as I was out of the office for a week dedicated to training. Thankfully I have recently (last few years) found that the quality of correspondence study has dramatically improved during the last 7 to 10 years, with what appears to be a recent spike in quality during the last 3 to 5 years. There are now many correspondence study opportunities including ethics classes which I have found to be of great value. It is my opinion that practicing engineers can get all of the training hours needed each year through correspondence or on-line training. Still there is expense; thankfully once again, I work for an employer who supports me with this effort. Call me if you would like more feedback.</p>	May 31, 2012 8:10 AM
78	If they are accredited (in response to question #10).	May 31, 2012 7:56 AM
79	Waste of time.	May 31, 2012 7:54 AM
80	<p>Why manage something that should be the responsibility of the engineer? Other states require it already? I believe the CEU requirements are a good thing but should not be "managed" by the state. Let the ethical engineer worry about maintenance and state of there to judge adequacy if/when a problem arises.</p>	May 31, 2012 7:53 AM
81	<p>I support continuing education &amp; the fees required to maintain the program. However, in 22 years I have never used my VT license so fees for continuing ed may cause me to drop my license.</p>	May 31, 2012 7:45 AM
82	<p>In house technical sessions are very important in order to keep up with technology.</p>	May 31, 2012 7:34 AM
83	<p>PDH adds little value, but significant costs (travel, hotels, etc.) there would probably be very few opportunities in VT, and this would require travel to other states. This would also increase the cost of engineering services in VT.</p>	May 31, 2012 7:26 AM

**Q11. Do you have any other comments?**

84	The notion of "continuing education" is incredibly discouraging to me. I take my licensing seriously and compete in an EXTREMELY competitive arena. I am constantly learning and adjusting to the environment in which I provide professional services. To suggest that I need to do more or that all of the effort I devote to staying abreast of industry needs (e.g., that billable time, public meetings, etc. do not count for continuing ed but NSPE and ASCE meetings do, etc.) is preposterous. To me the notion of continuing education is unnecessary bureaucracy and suggesting it implies that those who are licensed are not willing to do what it takes to maintain an appropriate standard without someone looking over their shoulder.	May 21, 2012 4:24 PM
85	The notion of "continuing education" is incredibly discouraging to me. I take my licensing seriously and compete in an EXTREMELY competitive arena. I am constantly learning and adjusting to the environment in which I provide professional services. To suggest that I need to do more or that all of the effort I devote to staying abreast of industry needs (e.g., that billable time, public meetings, etc. do not count for continuing ed but NSPE and ASCE meetings do, etc.) is preposterous. To me the notion of continuing education is unnecessary bureaucracy and suggesting it implies that those who are licensed are not willing to do what it takes to maintain an appropriate standard without someone looking over their shoulder.	May 21, 2012 4:23 PM
86	I understand that a PE license is essential for personal growth as well as marketing purposes, but it does not make one a better or smarter engineer. We had a person with licenses in a bunch of states but was a bad engineer compared to non-PE engineers and was finally let go.	May 17, 2012 6:23 PM
87	No thanks.	May 17, 2012 6:19 PM
88	Training takes place without making it mandatory.	May 17, 2012 6:16 PM
89	I believe that any useful continuing education would be too time consuming and too costly for individual engineers or engineering firms to handle.	May 17, 2012 6:13 PM
90	I have heard that VT Dept. of Public Safety allows Reg. Architects to approve building structure changes (steel beams and column). This should be P.E. approved.	May 17, 2012 6:06 PM
91	I hope this is a joke!	May 17, 2012 6:03 PM
92	If you're going to require CE, take a hard look at the typical courses available for PDH credit ( e.g., redvector.com). They're almost nonsensical. I believe CE should be real ( college-level courses) or don't bother -- with two exceptions: (1) code courses and (2) state-specific jurisprudence. Check out what Florida does. They require passage of a Florida laws exam every 2 years.	May 17, 2012 6:00 PM
93	I think this is a good idea as long as the requirement doesn't become too onerous with requiring the development hours to come from.	May 17, 2012 5:50 PM
94	I work for a gas turbine manufacturer in Indiana. I have always worked in a technical capacity -- FEA models of hot section rotating equipment -- and have continued to exercise my technical skills. For my job, I do not need a P.E. I have maintained it as a matter of pride but will probably have to drop it when	May 17, 2012 5:45 PM

**Q11. Do you have any other comments?**

those requirements come to fruition.

95	PDH long overdue.	May 17, 2012 5:41 PM
96	In-house: Especially in offices with multiple engineers. I regularly teach in-house seminars on specific engineering subjects. Active engineers should/can provide a statement on renewal that they are staying current.	May 17, 2012 5:39 PM
97	The tech conferences, tutorials, etc., that I've attended were of little use to me. I learn more by home study using books, industry standards, articles, and internet. Actual work experience is the best continuing education.	May 17, 2012 5:33 PM
98	In-house training varies widely in quality. I do plenty of continuing ed and think it is a good thing, yet the record-keeping is burdensome.	May 17, 2012 5:30 PM
99	The best way to learn is on the job and to research issues pertaining to the projects on which I'm working. Most classes that qualify for PDHs are a waste of my time and money.	May 17, 2012 5:26 PM
100	In-house would be more relevant than most on-line courses.	May 17, 2012 5:09 PM
101	We do not need continuing ed.	May 17, 2012 5:02 PM
102	I adamantly do not support this!!	May 17, 2012 5:00 PM
103	Don't support PDHs and continuing education. Continuing education requirements typically result in people wasting time and money on seminars that are not applicable to their professional development needs.	May 17, 2012 4:58 PM
104	At most, continuing education for P.E.s should reside within the P.E.'s "home state," and should apply to other states by comity. Continuing education requirements for multiple state P.E. boards is very impractical for engineers working in multiple states and is unnecessary.	May 17, 2012 4:49 PM
105	In-house: as long as they are related to a specific discipline.	May 17, 2012 4:45 PM
106	In-house sessions: Should include self-study and correspondence courses. No facilities in Southern VT. Fee increase: Is this the Federal gov't? -- Add a mandate and then charge you for it?	May 17, 2012 4:41 PM
107	Regarding the in-house, for our firm, we provide weekly paid training to our staff. We spend quite a bit of time preparing for those classes. As we have many disciplines, several branch offices and many project types, we don't repeat many of our classes. We do record them on video in addition to making the course materials available to staff.	May 17, 2012 4:34 PM
108	Should Vermont adopt a mandatory continuing education policy, I would suggest that some attempt be made to coordinate and harmonize with requirements of other jurisdictions to minimize the differences and chaos among the various states.	May 17, 2012 4:23 PM
109	Should Vermont adopt a mandatory continuing education policy, I would suggest that some attempt be made to coordinate and harmonize with requirements of other jurisdictions to minimize the differences and chaos among the various	May 17, 2012 4:23 PM

**Q11. Do you have any other comments?**

states.

110	Since I licenses in other states, I automatically have PDHs secured each year. No impact for this change for me.	May 17, 2012 4:20 PM
111	In house sessions -- The presenter may qualify, or attendees if they complete and exam or evaluation. The presenter's content must meet minimum criteria.	May 17, 2012 4:16 PM
112	I find continuing ed credits a way to stay on top of new trends and/or learn something new at a minimal cost and moderate effort.	May 17, 2012 4:13 PM
113	I already have to earn 12/yr for NY; as long as the same PDHs can apply to VT = no issue In-house maybe if done appropriately Having PDH req. in VT will attract more seminars to the state. This will help tourism. I have to earn PDH for NY; CT does not require PDH. This means I have to travel to NY to get PDHs. Having PDHs required in VT will give me options. I own a house in VT and would like to see seminars in greater Ludlow area. If VT will require PDHs please do three things: -Keep it simple; do not over complicate things -Make sure PDH seminars are worth the cost. I hate paying for lost time from work, travel and lodging for bad seminars that serve only to satisfy PDH requirements - Staya consistent with NY requirement; I do not want to see my PDH req. double.	May 17, 2012 4:11 PM
114	I strongly favor continuing education for professional licensure. However, I also believe strongly that Vermont, if it elects to institute a CE requirement, should endeavor to align its requirements as closely with other states' requirements as is reasonable possible.	May 17, 2012 3:50 PM
115	CE requirements simply create paperwork burden for us as professionals and the state to administer. You trust us with the life and safety of the public but not the responsibility to keep current?	May 17, 2012 3:43 PM
116	In-house credits only if they are backed up with sufficient documentation to prove they are acceptable.	May 17, 2012 3:35 PM
117	Already do 36 hrs./3yrs. for NYS & others. So no impact. Get with it!	May 17, 2012 3:32 PM
118	Allow out of state engineers to use their home state continuing education hours to apply to Vermont.	May 17, 2012 3:32 PM
119	10. Yes - depending on Agenda & Instructor	May 17, 2012 3:29 PM
120	In-house OK when given by an outside presenter. Please keep it simple! For those licensed in multiple states, having complicated requirements such as ethics, limited carry-over provisions, pre-approved providers, etc., requires many engineers to gather far more cont. ed. hours than required for any one state. Thanks.	May 17, 2012 3:28 PM
121	10. Yes - Only for larger firms with formal, structured in-house educational programs.	May 17, 2012 3:26 PM
122	As a responsible PE it should be the responsibility of individuals to keep abreast with latest trends etc without having to be policed by CEUs!	May 17, 2012 3:25 PM
123	Only in the case that one compares in-house vs. non-accredited courses. If we	May 17, 2012 3:17 PM



**Q11. Do you have any other comments?**

	want CE requirements, make those university courses, which have consistent stds.	
124	If PDH requirements are enacted, I will most likely let my registration lapse. If PDH are required, at least provide an inactive status for those of us not currently working in VT.	May 17, 2012 3:14 PM
125	Just another way to create jobs.	May 17, 2012 3:13 PM
126	I am retired. Suggest VT PE's with >20 years licensed in VT be grandfathered in (Exempt from PDH).	May 17, 2012 3:09 PM
127	When I was licensed in New Hampshire, professional development was required. I saw little value in it and saw little good come from it.	May 17, 2012 2:59 PM
128	In-house technical sessions should only be accepted if certificates of completion are obtained from providers that are qualified such as ASHRAE, AIA, NSPE, etc.	May 17, 2012 2:57 PM
129	A PE should keep up to date on the progress and changes made within his/her specialty.	May 17, 2012 2:49 PM
130	My employer may require (as they do now) that obtaining PDH credits be done at my own expense and on my own time. This has already caused me to allow one of my licenses to expire.	May 17, 2012 2:42 PM
131	I work at the Naval Undersea Warfare Center as a Senior Mechanical Engineer. I work with highly technical engineers and scientists in research & development requiring Hi-tech design/development up-to-date training and support tools all ready.	May 17, 2012 2:38 PM
132	10. Yes - If content is documented.	May 17, 2012 2:33 PM
133	9. Severe - If Vermont specific credits required 10. Yes - if in or outside of VT	May 17, 2012 2:27 PM
134	10. If of sufficient technical content.	May 17, 2012 2:24 PM
135	The PDH requirement assumes I learn absolutely nothing during the performance of duties on projects. This is a notion I totally dismiss. Most of my learning is done as a result of my daily engagement in the profession.	May 17, 2012 2:20 PM
136	Most seminars are a waste of time. With the rapid change in codes, laws, regs, all engineers must keep up.	May 17, 2012 2:17 PM
137	Do not add any required courses that are specific to the state of VT.	May 17, 2012 2:13 PM
138	For someone licensed in multiple states this is no problem. Continuing Education might not help, but it doesn't hurt and it is usually interesting stuff. can you coordinate so an audit in one state counts as an audit in Vermont? (To keep costs down)	May 17, 2012 2:11 PM
139	Do it!	May 17, 2012 2:09 PM
140	Continuing education credits from other states should be credited so that engineers don't have to duplicate course work for each state they are licensed	May 17, 2012 1:59 PM

**Q11. Do you have any other comments?**

in.

141	10. But you need to get some minimum technical criteria. 11. I would prefer you set the update criteria over a two or three year period. That is how they do my wife's CCRN. It might make more sense to do it every two in conjunction with the license. My firm does not have many PEs, so a flexible way to get credits will be important.	May 17, 2012 1:58 PM
142	Good luck. Would be interested in being informed of the results - Thanks	May 17, 2012 1:54 PM
143	Already licensed in NY, where PDH's are required.	May 17, 2012 1:50 PM
144	It is not a cost issue...Time is not important. PDH courses often have little to do with one's area of practice and are of marginal value.	May 17, 2012 1:49 PM
145	In house technical, technical seminars etc, etc, should qualify. Engineers are trustworth and can be counted on to self report. Marketing seminars should not apply.	May 17, 2012 1:33 PM
146	The biggest issue is credit management. For instance one member of my firm has to maintain credits for NY PE, LEED AP commissioning provider. VT needs to find a way to align for instance with NY so if a course is accepted by NY it is by VT.	May 17, 2012 1:17 PM
147	If I can use the same hours required by other states, then no impact. If VT hours only, separate, then too much. If you don't stay current, then the market place will push you out. The State need no become involved.	May 17, 2012 1:14 PM
148	If you work in field, PDH should not be required.	May 17, 2012 12:58 PM
149	Thanks for asking, this is the first communication I have gotten from VSPE in years.	May 11, 2012 9:21 PM
150	9. I already have to obtain pdh's for other states.	May 11, 2012 9:20 PM
151	I have practiced engineering since 1958. I started with a slide rule and graduated on my own to computers. I do not need anyone to tell me continued education is important to my future. I have 3 sons who are engineers. I fought against continued education in NH. When you think about it, who does continued education help? The companies that provide their so called education courses.	May 11, 2012 9:17 PM
152	I strongly urge the board to adopt a continuing professional development requirement.	May 11, 2012 9:13 PM
153	I hold licenses in NH & ME and both require 15 PDH per year. Finding reliable sources of PDH (free & some with cost) is not a problem. PDH requirement has kept me sharper and expanded my general knowledge.	May 11, 2012 9:11 PM
154	10. Yes, with appropriate documentation.	May 11, 2012 9:08 PM
155	Please accept qualifying PDHs from other states.	May 11, 2012 9:05 PM
156	8. Maybe, Where are the costs? What are the costs? Some states (NJ) make it too complicated and expensive. Don't do that. Keep it simple! NJ approves	May 11, 2012 9:05 PM



**Q11. Do you have any other comments?**

every course. NY approves education providers. None of that is necessary. TX has a simple program. Copy it!

157	I am licensed in 2 other states that require CEUs. As long as these CEUs are compatible there will be very little impact to me.	May 11, 2012 9:02 PM
158	Mandated or not, as a professional I am obligated to continue my education in my field of practice.	May 11, 2012 8:56 PM
159	I already have to do 15 PDHs/year for my PE in Maine, so provided that the same PDHs can be applied to Vermont, there should be no problem.	May 11, 2012 8:55 PM
160	Prequalify providers like pdhonline.org.	May 11, 2012 8:54 PM
161	10. Absolutely. CHA provides in house training for 250 professionals.	May 11, 2012 8:53 PM
162	Each state seems to have it's own rules for PDHs. This is unfair to a PE who works in multiple states. Example, FL has a requirement for PDHs in FL law. These PDHs are "worthless" in other states.	May 11, 2012 8:51 PM
163	I have 8 states with PE license, VT only one not requiring PDHs. All states should step up to development hour requirements.	May 11, 2012 8:48 PM
164	If we require PDHs we should: 1. Accept approved courses from other states 2. Allow people to self-certify that they obtained 12 PDHs (don't ask everybody to submit proof for every class). Random audits are sufficient to ensure compliance.	May 11, 2012 8:46 PM
165	6. This includes architects and other engineering disciplines. 10. The "in-house" programs are very practical and are geared toward improving the engineers on staff. Presenters can be quite candid without fear.	May 11, 2012 8:44 PM
166	Continuing ed requirements should be similar from state to state, just as NCEE registration is. For those of us w/multiple licenses the requirements from state to state vary, making compliance take a lot of effort.	May 11, 2012 8:37 PM
167	10. Depends on how in-house is defined. Bringing a program into the office taught by outside people might work. Most state CE requirements are 15 PDH per year.	May 11, 2012 8:33 PM
168	Senior engineers should be exempt.	May 11, 2012 8:29 PM
169	The smaller the firm, the more severe impact. Vermont has a lot of "one man shops" that operate completely different from the big firm mentality this originates from. Make it optional for those with over 10 VT PE.	May 11, 2012 8:28 PM
170	Do it!	May 11, 2012 7:58 PM
171	4. Since 4/5/2007	May 11, 2012 4:07 PM
172	Just do it.	May 11, 2012 3:14 PM
173	9. If required from a certified CE short course or such. I maintain CE via self study. 10. I think there should be a standard for documenting what was	May 9, 2012 11:33 AM

**Q11. Do you have any other comments?**

taught/learned, though; and a self study option. It's a difficult situation to navigate & compliance should have a way to recognize self-study CE rather than just certified professionally administered courses which are a "racket" like any other.

174	I am licensed in many states and do have to get CDP hours to maintain those licenses. It is a complete waste of time. It is totally and completely an exercise in checking the box and adds little or nothing to my competency in engineering.	May 9, 2012 11:29 AM
175	Part of the responsibility of being a "professional" engineer is to keep yourself current and up to date within your areas of practice. To codify that and make it a "rule" is an insult to the profession.	May 9, 2012 11:27 AM
176	PDHs in their current form are a waste of time for practicing engineers. I can say that in all courses I have attended 1/2 to 3/4 of the attendants were either sleeping or daydreaming. A much better method to determine proficiency in the field is an accounting of actual engineering services performed. In this way non practicing engineers cannot be deemed qualified by simply obtaining PDHs.	May 9, 2012 11:25 AM
177	10. However it would not qualify for other states.	May 9, 2012 11:21 AM
178	6. 6-10 PEs If hours are obtained that are approved by another state, Vermont should accept them.	May 9, 2012 11:20 AM
179	The profession and the people we serve will benefit from a better and more recent educated staff.	May 9, 2012 11:19 AM
180	I currently must obtain continuing education hours in several other states, so adding this requirement to VT would have minor impact.	May 9, 2012 11:17 AM
181	10. As long as rated through a standard service such as AIA. Most of us are getting education through regular "learning" methods.	May 9, 2012 11:15 AM
182	1.) I am licensed in 40+ states and to be honest my need to stay current with technology outweighs any requirement for PDHs. 2.) Most PDHs are a joke. I pass with no effort and does not make me a better engineer. Thank you.	May 9, 2012 11:14 AM
183	The state of NH has a good system that could serve as a model for VT.	May 9, 2012 11:12 AM
184	A5 states - most require 15 hrs/yr.	May 9, 2012 11:11 AM
185	I would recommend adopting reasonable guidelines for items qualifying as acceptable CE credits, primarily technical sessions/seminars in the engineers area of practice. Several states have gone overboard in the CE requirements such as allowing only board pre-approved courses or having to go through specific organizations such as ACI or ASCE which are normally very costly.	May 9, 2012 11:05 AM
186	9. Negligible to moderate impact. I currently am registered in states that require up to 30 PDHs every 2 years. While I do obtain the required credits (at a significant cost), I do not feel that the technical knowledge gained is enough to offset the cost.	May 9, 2012 11:01 AM
187	Continuing education is good and as professionals we should all continue to learn and grow personally and professionally. My objection to a VT CE program	May 9, 2012 10:57 AM

**Q11. Do you have any other comments?**

is from the perspective of managing the data. Each state requiring continuing education has different requirements. I would prefer one national standard so that (?) and (?) can be simplified.

188	Continuing education is a gimmick w/little or no redeeming value (there are exceptions). With budgets and time constraints, freeing up this valuable time is often difficult.	May 9, 2012 10:51 AM
189	9. Required by other states, so it is already done. Please keep it consistent with NH & ME.	May 9, 2012 10:49 AM
190	Most other states require PDHs. These can be submitted to multiple states. Not big deal.	May 9, 2012 10:47 AM
191	Continuing ed is not beneficial to the profession.	May 9, 2012 10:42 AM
192	Shouldn't be significant cost for program is properly designed to allow P.E. to certify content was appropriate per law requiring continuing ed.	May 9, 2012 10:39 AM
193	I have been an engineer for 44 years and a PE for 38 years. At most of the PDH sessions I know more than the presentor and get little or nothing out of it.	May 9, 2012 10:37 AM
194	10. Probably of more value than anything else.	May 9, 2012 10:36 AM
195	If there will be special required PDHs such as ethics, I suggest the state board offer these courses in webinar or some other form. Not simply forcing engineers to pay lawyers or other outside agencies for these PDHs.	May 9, 2012 10:34 AM
196	There are 3 costs associated w/PDH: 10 PE board admin.; 20 My cost seeking PHDs; 30 My cost tracking PDH. All are not necessary & hardly increase my level of competency.	May 9, 2012 10:31 AM
197	For those of us over 65 years of age, we should get some reduction.	May 9, 2012 10:29 AM
198	Provided PDHs obtained for other states requirements are accepted.	May 9, 2012 10:27 AM
199	Finding a relevant topic that meets our schedule is difficult and much productive time is lost with little benefit.	May 9, 2012 10:27 AM
200	10. Only if accredited by outside source. Since other states require continuing education credits, I have been keeping track of my activities for a few years. On balance, the book keeping is modestly burdensome, but the educational experience is worth it.	May 9, 2012 10:26 AM
201	Cont. ed is not an issue as other states I have PE in require PDH. Be sure program matches up with national model.	May 9, 2012 10:23 AM
202	10. If well organized with experienced instruction. Continuing ed is important.	May 9, 2012 10:20 AM
203	Provided PDHs obtained for other states requirements are accepted.	May 9, 2012 10:19 AM
204	In a competitive industry like engineering, the dominant firms are already investing in continuing education, and we don't need somebody telling us we have to.	May 9, 2012 10:05 AM

**Q11. Do you have any other comments?**

205	9. I get plenty through normal work efforts. I feel strongly all should continue education through (?), conf., seminars, peer discussions, etc. But do not feel CEU requirements add value to the profession.	May 8, 2012 4:26 PM
206	10. If performed by outside parties	May 8, 2012 4:21 PM
207	Continuing Education is needed to prompt each of us engineers to stay current with building codes, energy codes, and technology changes especially in the field of consulting engineers for the design of retail and commercial buildings.	May 8, 2012 4:20 PM
208	9. As long as hours will earn credit in other states. 10. When given by a specialty product supplier/manufacturer these can be very useful. Rule variations from state to state is really what makes ConEd burdensome. Rules such as how many hours can be carried over, prorating # hours required, a certain # of hours must be ethics or laws, etc.	May 8, 2012 4:18 PM
209	Taking Engineering Ethics, Benefits of Design Build Construction and the same Rules of the State every two years does nothing to improve technical competence.	May 8, 2012 4:12 PM
210	Engineers over 60 years old should be exempt from continuing education.	May 8, 2012 4:07 PM
211	Most states require some level of PDH - including an ethics course (for 2 hrs). Typical is 12-15 hours/year with carryover.	May 8, 2012 4:06 PM
212	Question 10 is very important to allow, it saves the engineering firm money to help educate staff.	May 8, 2012 4:05 PM
213	Engineers from excellent universities know how to continue and stay up-to-date in their professions by engr journals and technical network searches.	May 8, 2012 4:03 PM
214	Too many difficulties associated with a simplistic model? What's the real concern? Is there evidence of a problem?	May 8, 2012 4:01 PM
215	Reciprocity (between states) for PDHs is a must have policy. PDHs must be able to be obtained without fees. It is becoming costly in NY State.	May 8, 2012 3:59 PM
216	95% of the PDH classes I have taken are useless. You learn 100 times more on the job than a 4-8 hr web seminar.	May 8, 2012 3:56 PM
217	A lot of seminars, conferences, etc. are very expensive due to cost of seminar + travel costs. And many are not worth the cost.	May 8, 2012 3:55 PM
218	9. Our firm does this and more without mandates. It is important not to require CEU that are approved by VT because engineers with multiple licenses should be able to utilize credits obtained in other states.	May 8, 2012 3:54 PM
219	Each professional must keep current with his area of practice. Attending a seminar does not do it. I would support an added fee to retest.	May 8, 2012 3:52 PM
220	Engineers need to maintain proficiency just as we would expect the medical profession.	May 8, 2012 3:50 PM
221	The impact on small firms is significant. We don't have the time or disposable	May 8, 2012 3:43 PM

**Q11. Do you have any other comments?**

cash to send people to "seminars" for the sake of getting credits. After a while, you run out of "new" seminars and now you're paying for nothing. We go to seminars that are pertinent and that we can afford, but soon the requirement becomes a waste of time.

222	In these tough financial times many small firms like the one that I formally belonged to are having a difficult time just staying afloat. To impose this additional cost burden on them & their engineers will only add to the challenge of keeping their doors open.	May 8, 2012 3:30 PM
223	Continuing education is the responsibility of every professional. However, the nature of engineering activity varies for each individual and requirements should not be dictated by a third party.	May 8, 2012 3:28 PM
224	I am a proponent of allowing engineers to manage their own professional development.	May 8, 2012 3:19 PM
225	I currently need continuing education for other states and it has become a scam for online courses that I learned nothing from but satisfy a requirement.	May 8, 2012 3:18 PM
226	Should attach some sort of systems and/or session description and sign-in sheets.	May 8, 2012 2:53 PM
227	Having been attending professional development courses for other states licensure, the class material, in my opinion, is not worth the added time or cost: no added value.	May 8, 2012 2:50 PM
228	Do not make PDHs specific to Vermont. My continuing education credits in NYS must be accepted by VT.	May 8, 2012 2:49 PM
229	9. In time, not money. Wasn't necessary for years, why now? Continuing education is part of the job and I submit need not be tracked & documented as is more an activity for academia. Please send results of this survey to Vermont P.E.s. Thanks.	May 8, 2012 2:47 PM
230	I agree with the intent and concept of continuing ed. However, the added financial burden to VSPE and other states could be better managed to keep members' costs down.	May 8, 2012 2:34 PM
231	I am licensed in several states requiring continuing education. I find the courses to be not meaningful in actual enhancement of skills.	May 8, 2012 2:30 PM
232	10. When they meet appropriate criteria.	May 8, 2012 2:27 PM
233	There should be a national standard regarding licensing requirements including continuing education requirements.	May 8, 2012 2:24 PM
234	So long as the content is relevant to the technical capabilities of the staff.	May 8, 2012 2:21 PM
235	I believe that an active design engineer should receive credit for design work time as this is an on-going process of professional education on a daily basis. Some jurisdictions in Canada require this.	May 8, 2012 2:20 PM
236	Please do not require special classes or requirements just for VT so that one	May 8, 2012 2:18 PM

**Q11. Do you have any other comments?**

class will apply to all states. Thank you!

237	To be recognized by the general public as professionals we need to do a better job of policing our profession and continuing education is a start.	May 8, 2012 2:10 PM
238	10. Depends upon the quality of the session. Most other states in which I am licensed require this so Vermont should probably do the same. It will not affect me since I will do it anyway.	May 8, 2012 2:09 PM
239	10. But, in-house should be supplemented w/other PDHs. Not entirely in-house.	May 8, 2012 2:07 PM
240	CEUs are a racket to tap engineer's wallets.	May 8, 2012 2:06 PM
241	It is imperative that we move in this direction!	May 8, 2012 2:05 PM
242	This question is a non-starter for 99.9% of the population. Much ado about nothing.	May 6, 2012 1:13 PM
243	Bad timing for this added requirement: economic situations at present throughout the states including Vermont yeild limited work for civil/environmental engineers - please wait a few years for this edu. requirement until things get better economically.	May 6, 2012 1:08 PM
244	The arch. cont. education credits is a joke. The P.E. will be as well. Let's spend money on permitting and actual project review/inspections.	May 6, 2012 1:06 PM
245	Where did the 12 PDHs come from? How about 6? 10. In-house might be okay with a little control such as approval of the instructor and/or approval of the outline.	May 6, 2012 1:03 PM
246	I'm licensed in states that require 30 PDH/2 yrs.	May 6, 2012 1:00 PM
247	Record keeping can be managed online by individual PEs.	May 6, 2012 12:58 PM
248	Contunuing education is a good idea. Tracking the hours, where taken, etc. can be an damministrative headache.	Apr 30, 2012 1:37 PM
249	We as professionals have a responsibility to stay current with the practice in our field. I have seen a lot of effort expended to meet the requirements in other states. I have found that it becomes a major effort to ensure that courses get "approved" for inclusion which may not be all that relevent to someone's practice just to meet the letter of the law.	Apr 30, 2012 11:39 AM
250	Question 9 asks about the cost of training but this is more about time. It takes time to participate in the classes and then keep track. I have also seen the growth of a cottage industry of companies offering classes for a fee that meet PDH requirements. So now will the State need a system to confirm whether or not these classes are legititmate (many I see should not be considered legitimate)? Are there any studies that compare the real cost of these programs vs. the benefits? How could benefits be measured? I personally don't see any value a mandatory program. I see people racing around at the end of the year trying to find a course they can fit it to their schedule. It also needs to be noted that just because there isn't a mandatory program for Profesisonal Development, doesn't mean that engineers are not doing this on their own. In business, you	Apr 30, 2012 8:10 AM



**Q11. Do you have any other comments?**

need to always to improving, changing, getting better. We don't need to be told by a PE Board whether or not we need more training for ourselves or our people. VT should hold out and not do this. Don't jump on this bandwagon. It simply is not needed.

251 No

Apr 29, 2012 2:47 PM

252 Many more ways to increase credibility of the profession and its value,,,,,,,,,,,,,continuing education is not the way, Costs have increased significantly over the years in states that have this requirement for the practicing firm. Credibility can be enhanced by other methods. The fact that VT is only on of 15 remaining states w/o the requirement is not a reason to pursue this initiative. Please seek other tools if the VSPE believes credibility and value are missing.....I for one do not agree that these characteristics are missing.

Apr 28, 2012 4:39 PM

253 PDH's are not necessarily appropriate for all PEs. However, engineering students are typically encourage to pursue life-long learning, but that can be achieved by participating in professional organizations such as IEEE.

Apr 27, 2012 2:13 PM

254 1. Before I can give a meaningful answer to question (8), I would need to understand the structure, implementation and enforcement associated with a CPE system. But I believe the practical, hard-nosed realities of CPE for working engineers transform an attractive concept into a useless and counter-productive structure. I urge you not to follow this crowd. 2. In-house tech sessions may, in fact, hold the best promise for meaningful, useful education in areas of interest to working engineers. But they do little to broaden the spectrum for engineers, while making it easy for certain groups to use required product-focused learning to qualify for CPE while the independent or small-firm engineer is left with the burdens of travel, per diem and registration fees to keep up with the annual requirements.

Apr 26, 2012 6:17 PM

255 I am in a unique position where I am registered as an Electrical Engineer in VT, but do not practice. Being a professional engineer enhances my position as a executive in Facilities Management--adds credentials and credibility--particularly working in the health care environment. I have maintained my registration for these reasons as well as the pride of being a registered engineer. Should this change go into effect I will most likely allow my license to expire and indicate as such on my CV.

Apr 25, 2012 3:55 PM

256 item 10, as long as the technical sessions are properly prepared and presented they can be worthwhile and are far more attainable for small companies like mine

Apr 24, 2012 12:19 PM

257 Continuing Education, while positive in concept, has become ineffective. The goal of continuing technical learning has become lost under the rules and regulations that vary among all states, and have served primarily to benefit the companies and universities that provide the "approved" courses.

Apr 22, 2012 3:52 PM

258 I have been required to supply 30 CEU ever two years in another state to maintain my PE. This has never been a problem as I always seemed to have enough official CEU's to cover this. This year proved different. I was diagnosed with cancer and had a major time drain. I kept up with my work but did not attend any official CEU courses. Now I find myself looking at what I can buy for

Apr 21, 2012 7:42 PM

**Q11. Do you have any other comments?**

on-line courses just to meet the CEU requirement. I am trying to find relevant courses but this type of CEU shopping only serves to bolster the on-line training companies. I don't think just requiring CEU's is a good way to assure professional credibility.

- |     |   |                       |
|-----|---|-----------------------|
| 259 | I recommend that you allow some flexibility in the number of credits required per year similar to what Maine and New Hampshire does. they require that credits be earned over a two year period instead of a number of credits per year. Also, they allow carryover of credits from one licensing period to the next (both allow carryover of about 1 year's worth of credits). I've been working with the CT LEP Board on continuing education recently and have compiled information on how many states approach continuing education, and I can share that with you if you are interested. my email address is: nelson.walter@amec.com                                     | Apr 21, 2012 1:52 PM  |
| 260 | Any competent engineer engaged in daily practice is involved in continuing education - reading articles in the various trade magazines, contact with other engineers and vendors. Many of the credits I have seen advertised (and attended) have been and are presented by unlicensed instructors, college professors, and employees of various manufacturers - in short, cost and time not required by a competent practicing engineer.  | Apr 21, 2012 1:51 AM  |
| 261 | Our firm has a licensed PE in each practice area of mech., elect., or structural.   | Apr 21, 2012 1:29 AM  |
| 262 | If you need PDH in one state then a second state has little impact.   | Apr 21, 2012 1:27 AM  |
| 263 | It should be the responsibility of a PE to educate themselves in the field that they practice. I see far too many PDH courses offered in things that don't apply to the work PEs perform, and that PEs take just to get credits. By taking them, it doesn't make that PE any better at the work they do, and only supports the companies providing the course.  | Apr 21, 2012 1:25 AM  |
| 264 | I believe that continuing education/PDH are a waste of time and money and should not be required. They will not elevate the profession. Requiring graduate education would probably have a larger impact on increasing credibility and value of PE's in Vermont.  | Apr 20, 2012 9:10 PM  |
| 265 | I work for the State of Vermont and will probably retire in the next few years, so the expense of continuing education to maintain my registration will all be an expense to me with no return. So, while I support continuing education the cost to me would be significant given that I will not be earning a regular living from my registration. In house training can be valuable but there would have to be some firm criteria on its content and extent, and qualification of instructors.   | Apr 20, 2012 10:15 AM |
| 266 | I am licensed in over 40 States and 7 Provinces in Canada. I am required to maintain 240 hours over a 3 year period for a number of Provinces in Canada. I am required to maintain a variety of PDH hours already for a number of States with different qualification PDH hours from 1-4 for either Ethics, Codes, or Rules and Laws. If ALL of the States would agree upon the time frame, the number of PDH required and type of PDH requirements across the board, they wouldn't be such a nightmare to maintain, track or report. Especially if there was ONE reporting location to record PDH as they are obtained. I simply do not want to track PDH for another State. | Apr 19, 2012 4:51 PM  |



**Q11. Do you have any other comments?**

267	if PDH's are required then a good definition of what qualifies is needed.	Apr 18, 2012 10:54 AM
268	Since the other state I am licensed in already requires cont. ed. I would use the same courses for VT.	Apr 18, 2012 12:22 AM
269	PDHs should be easily obtainable. Particularly for those who maintain in in their home state. Some states offer acceptance of home state PDHs for their particular state.	Apr 18, 2012 12:20 AM
270	10. Provided that the "course" material is approved by those that would have authority in such cases.	Apr 18, 2012 12:18 AM
271	Please model your continuing education program like NH or ME. Please do not model your continuing education program like NY.	Apr 18, 2012 12:16 AM
272	I support continuing education (contrary to my answers above). It is the cost of obtaining the required credits - particularly when travel costs are added to the education cost.	Apr 18, 2012 12:13 AM
273	The commercial "PDH" programs are a joke. Companies are cashing in on the "PDH" requirement. Education should be a requirement of the company you work for.	Apr 18, 2012 12:11 AM
274	The cost for one engineer is small but the cost for all engineers is huge. Webinars help. How can a program that gives me credit for a hydraulic course when my discipline is structures be taken seriously?	Apr 18, 2012 12:09 AM
275	"In-house" technical sessions provided by vendors should qualify as acceptable PDH credits. Compare this with AIA 'Lunch and Learn' credits.	Apr 18, 2012 12:02 AM
276	9. Cost & time away from my business.	Apr 17, 2012 11:59 PM
277	10. Unless prepared and given by outside prof. firm.	Apr 17, 2012 11:01 PM
278	I already need PDH for other states, so adding for Vermont does not impact me other than more paperwork.	Apr 17, 2012 10:59 PM
279	As a PE I always continue to learn, keeping up with code changes.	Apr 17, 2012 10:56 PM
280	Recommend ethics courses be part of the renewal PDH credits required.	Apr 17, 2012 10:53 PM
281	I think requiring PDHs is good, but shouldn't be cumbersome to manage for engineer or board.	Apr 17, 2012 10:51 PM
282	continuing professional development should be viewed by all engineers as part of the requirements of being an engineer and maintaining the public trust	Apr 17, 2012 3:54 PM
283	Credits for professional development hours should not only be restricted to courses that give pdh's but include other methods of professional development.	Apr 17, 2012 10:34 AM
284	While I understand the potential need and concerns involving the requirement of continuing education requirements for state license- I think we need to consider what the motivation behind continuing education really should be and whether adding a requirement is necessary. As professionals can't we hold ourselves	Apr 16, 2012 10:15 AM

**Q11. Do you have any other comments?**

responsible for being ethically correct within our profession and in doing so staying up to date without the additional administrative and financial burden of adopting these requirements? I do not need a a few hours a year of required lectures to maintain my currency and relevance with my field. I would ask that if a continuing education requirement is adopted that Vermont, then we also implement an active duty military member waiver for PEs who maintain a license in the state of Vermont but are serving in the Active Duty military (other states with continuing education requirements do this- for example Missouri).

285	Having VT adopt PDHs is just another nuisance, like so many other states - it won't really adversely affect our firm since we are already dealing with the topic in lots of other states.	Apr 15, 2012 6:40 PM
286	What counts as continuing education and how much that costs needs to be watched carefully. Commercial seminars are extremely expensive and college courses can be difficult to attend and tend to be pricey as well. It is important that geography and income are kept in mind when setting the continuing ed requirements.	Apr 15, 2012 5:24 PM
287	It is somewhat difficult choosing a continuing education program that may result in occasional inconveniences, but ultimately it would be worth the extra effort. The exposure that comes with continuing education is not just good for broadening technical expertise, but encourages networking and collaboration both inside and outside of the state. I believe that a reasonably scaled program would benefit engineers in the state without imposing a undue burden.	Apr 15, 2012 12:58 PM
288	I believe that staying current should be the responsibility of the individual, just like practicing only in those areas where one has competency. It has been my observation that engineers who hold licenses in states requiring continuing education generally scramble around at the last minute before renewal, going to seminars & conferences, taking classes, etc. without regard to whether or not any of it pertains to their professional work or responsibilities. As a point of clarification, I am employed by a general contractor, not a design firm.	Apr 14, 2012 11:43 AM
289	The other states I am currently registered, 12 hours are required, and neither have increased the fees much if any. The records should be maintained by the applicant and an additional question should be added to the application as to whether the 24 PDH's (for 2 years) were attained. You should allow carry over from year to year. If you want to control the types of seminars/webinars, please generally accept seminars from reputable organizations (ASCE, AISC, AIA) to keep cost down for everyone. It can be policed by random review of applicants records. Most organizations already maintain records of all the participants in the seminars so documentation is relatively easy.	Apr 14, 2012 10:44 AM
290	My response to #9 is reflective of the fact the our in house training is certified by NYSPE Board and I would assume that these sessions would also fulfill VTs requirements	Apr 13, 2012 6:03 PM
291	I am currently licensed in 36 States and most require continuing education. I beleive that this is helpful in keeping up on current technology and changes in the profession.	Apr 11, 2012 4:15 PM
292	Why only 12 PDHs per year? Maine and New Hampshire require 15. Why	Apr 11, 2012 9:21 AM

**Q11. Do you have any other comments?**

should Vermont be less?

293	I support continuing education requirement as part of maintaining engineering license, however continuing education requirement of 12 CEUs on annual basis is too much. As an example, a recent week long class I attended offered by University of Wisconsin - Madison was valued at 4 CEUs. I believe that a week long class a year is much more suitable and would support that. Additionally, requiring compliance at the time of the renewal would provide more flexibility, rather than doing it on annual basis.	Apr 10, 2012 4:53 PM
294	4. No answer	Apr 10, 2012 4:06 PM
295	I need to know more about what would be considered an acceptable PDH to effectively weigh in on this survey.	Apr 10, 2012 4:04 PM
296	6., 7. No answer How will this affect retirees?	Apr 10, 2012 4:01 PM
297	10. If the instructor is qualified and can improve the engineering knowledge of the class. We are supposed to be professionals. I think we should be trusted to keep current. If we can't, then 12 PDHs per year isn't going to help much.	Apr 10, 2012 4:00 PM
298	10. No answer: Not sure	Apr 10, 2012 3:53 PM
299	7. No answer Currently working on my MS in software engineering - education of this type should qualify for PDHs.	Apr 10, 2012 3:35 PM
300	The only people who benefit from PDHs are the companies that charge you fees to take courses!	Apr 10, 2012 3:34 PM
301	As a temp in limited srvc position, I will give up the "active" lic. when required to show PDHs.	Apr 10, 2012 3:32 PM
302	6., 9., No answer: NA	Apr 10, 2012 3:29 PM
303	6. No answer	Apr 10, 2012 3:28 PM
304	6. No answer	Apr 10, 2012 3:26 PM
305	6. No answer	Apr 10, 2012 3:26 PM
306	9. I will be retiring fairly soon so there could be an impact on maintaining a license. 10. If they are equivalent to those that are not "in-house". Would "in-house" be available to other engineers that are not "in-house"? PDH would be good for staying current in a given field. Twelve hours might be difficult for some to schedule, and what would the cost be? Would the requirement be the same for senior engineers?	Apr 10, 2012 3:24 PM
307	I do not agree with instituting PDHs in VT!	Apr 10, 2012 3:18 PM
308	I gave up my L.S. license many years ago because of the requirement of CE. I lost too much valuable time & money going to CE sessions to hear instruction to do what I had been doing successfully for 20+ years! If you do institute CE, please include a grandfather clause to excuse practicing veteran PEs.	Apr 10, 2012 3:17 PM

**Q11. Do you have any other comments?**

309	Education is great. The administration is the challenge for VT & ME. I already deal with this for other larger states. So education/training is ongoing. I would prefer less paperwork for PE renewal.	Apr 10, 2012 3:08 PM
310	Work experience is far more valuable than PDH. Many of the course offerings are essentially a waste of time.	Apr 10, 2012 3:03 PM
311	On no. 10 the technical sessions should be rigorous, i.e. adding to technical skills of the participants.	Apr 10, 2012 2:35 PM
312	I have invented programs, and move the power industry into modern tech. world. I teach power engineers and present papers around the world. (This effort may sound good but totally misses the goal!)	Apr 10, 2012 2:24 PM
313	9., 10. No answer	Apr 10, 2012 2:08 PM
314	4. >30	Apr 10, 2012 2:04 PM
315	Rules for PDHs should be consistent from one state to the next. I am registered in 3 states that have prof. development requirements, all with different reporting standards.	Apr 10, 2012 2:03 PM
316	Why does VT take so long??	Apr 10, 2012 1:57 PM
317	6., 7., 9. No answer	Apr 10, 2012 1:56 PM
318	9. If courses taken to satisfy other states CE requirements are accepted in VT. 10. If appropriately documented and described.	Apr 10, 2012 12:54 PM
319	I do not believe CEUs will increase our credibility and suggest this be left to personal choice and motivation.	Apr 10, 2012 12:43 PM
320	9. Will probably do more out of state work	Apr 10, 2012 12:42 PM
321	Already need to get PDH for other states.	Apr 10, 2012 12:35 PM
322	5. No answer: Retired 2007 - formerly D&K/Randolph I'm retired but feel continuing education for PEs should be required. VT requires PDHs for attorneys.	Apr 10, 2012 12:34 PM
323	I have been required to have cpd for many years now and I have never seen any responsible engineer that I could say was any smarter or better qualified due to Continuing Professional Development.	Apr 10, 2012 12:12 PM
324	Ensure requirements are similar to other states to allow prof. development to be considered in multiple jurisdictions.	Apr 10, 2012 12:04 PM
325	There are a lot of worthless courses that qualify for CEUs.	Apr 10, 2012 12:03 PM
326	10. If minimum standards are established.	Apr 10, 2012 12:01 PM
327	9. Continuing education credits are required for other professional certifications I currently hold. 10. Unless they are deemed acceptable by certifying agencies (AIA, AEE, ASHRAE, etc.)	Apr 10, 2012 12:01 PM

**Q11. Do you have any other comments?**

328	6. No answer	Apr 10, 2012 11:59 AM
329	10. No answer	Apr 10, 2012 11:58 AM
330	Please consider doing something similar to NH to make is easier on those of us who are licensed in both states.	Apr 10, 2012 11:57 AM
331	6. No answer 7. No answer	Apr 10, 2012 11:56 AM
332	6. through 10. No answer For an affirmative answer to #10 a definition of "in-house technical sessions" is required.	Apr 10, 2012 11:56 AM
333	10. Depends on who is giving them and subject matter. I already need to do this for the other states I have licenses with, so a Vermont requirement would have no additional impact.	Apr 10, 2012 11:50 AM
334	State of VT will lose fees because of non renewal. Many engineers have multiple PE licenses, but no not proctice in most. Firms will not support multiple personnel to acquire and maintain licenses. This is an elitist idea!	Apr 10, 2012 11:43 AM
335	6. No answer: "NA" 7. No answer: "NA" 10. No answer VSPE should not be lobbying to change license requirements for engineers in the state of Vermont.	Apr 10, 2012 11:29 AM
336	While I agree that education is good and should be never ending - in the Engineering field I work (management of a large municipal wastewater treatment facility) there is never ending education and change in maintaining the necessary engineering (sanitary, civil, mechanical, electrical), legal, administrative, financial and regulatory knowledge to properly operate,maintain and sustain our facility. There is very little precious time and money in the municipal wastewater world as it is - to have less of either would greatly impact the ability of me and my coworkers to maintain the high standards we hold. While having CE requirements in some industries may make perfect sense in the engineering field we are always having to keep up with the necessary knowledge. If this was made a requirement in Engineering for Vermont I probably would let my registration lapse.	Apr 9, 2012 2:56 PM
337	This is a really poorly designed questionnaire. Questions 8, 9 and 10 are only checked to be able to submit the questionnaire. 8. More cost to manage a program? This sounds like VSPE is looking for something to feather their nest with. 9. "Impact" ?? Positive or negative? Can't answer. 10. What the heck are in-house technical sessions? Who's house? What subject? Free? An individual's practice of engineering varies greatly. Sometimes is quite a narrow band of discipline, like just designing septic systems. For my license in Maine, I am required to do anything to get credits, that includes educating myself on things I don't need to know. This is a solution in search of a problem. If Vermont is one of 15 states who don't require CE credits, we should be proud that our engineers can keep themselves educated where they need to be. As an owner/principal engineer of my own firm, I am already responsible for keeping myself educated to keep my clients happy. I doubt that any VT PE has been considered lower-tier compared to states that require CE credits. The whole thing is a bad idea. I will be retiring my Maine license because of the effort required to generate PDHs	Apr 9, 2012 2:24 PM

**Q11. Do you have any other comments?**

338	Twelve hours of continuing education will cost me \$2700.00. ASCE tuition = \$1200. Travel/Room/Meals = \$300.00. Lost Wages = \$1200.00. One hour lunchtime webinars cost \$250.00 x 12 = \$3000.00. While I have always taken something away from an attended seminar, the benefit/cost has never been there. I spend far more than 12 hours a year on continuing education through my own research and study. Mandatory continuing education is, in my opinion, nothing more than a revenue producing activity for the various "Societies", apparantly including yours (SEE QUESTION 8 ABOVE).	Apr 9, 2012 11:00 AM
339	I suggest you allow holding an officers position (local or national) for a professional organization be credited for professional development education. In-house technical sessions need to be non-proprietary sessions (i.e. not promoting any products or services) that are approved in advance for credit. If continuing education is required, Vermont should post a list of all approved courses by topic, presenters (and contact info) and estimated costs on-line for access by everyone needing continuing education.	Apr 9, 2012 9:12 AM
340	Stronly support PDH requirement. It is a very small effort asked to keep a profession current.	Apr 9, 2012 9:11 AM
341	IF MAJOR EFFORT OR HIGH COST IS REQUIRED THE RETIRED COMMUNITY OF PE'S MAY GIVE UP THEIR LICENSES. QUESTION 6 AND 7 DO NOT FIT A RETIRED PE THUS MY ANSWERS FOR THOSE QUESTIONS ARE NOT ACCURATE.	Apr 8, 2012 8:40 PM
342	1. In regards to "in-house" tech sessions qualifying as acceptable PDHs, I would propose that they be acceptable only for 50% of the required PDH's. I don't think that they offer the value of an in-depth course (8-15 hours or more), which I think should be part of a professional engineer's continuing education. 2. I think that teaching a course should count for perhaps double the PDHs. 3. I think that serving on a professional board (State or National) should count towards PDHs ( believe that NH allows 12 PDHs per year for serving on a board as a professional engineer. General comment: While young engineers may find many courses that are applicable to their continuing education after college and while new in their profession, it becomes more difficult for senior engineers to find courses that they haven't already taken and are applicable their field of engineering. In that respect, I feel the my comments #2 and #3 are important.	Apr 8, 2012 3:22 PM
343	My responses are somewhat colored by circumstance. I recently retired from the Federal Government where I was a civil engineer working on airport related development in the Miswest. Right or wrong, in the Fedeal government we did not require even having an engineering license. As a retired person/engineer I would like to keep my license "just in case" and as a matter of pride, but if the PDH were instituted I would turn in my license.	Apr 8, 2012 3:10 PM
344	"In-house" sessions cost the company money, so at least there's the likelihood that the firm would only do ones that actually provide value. How was the value of 12 PDH determined? I would think a value of 8, which is one full day equivlanet, makes more sense. I know PEs in other states (e.g., NY) who were challenged enough to find qualifying PDHs that they could not meet the quote in a year and let their licenses lapse (they worked under an industrial exemption) - which would we prefer...active PEs or lapsed PEs? Consider our location - quality PDHs are not found within an hour's drive often. I have driven to Maine	Apr 8, 2012 5:24 AM



**Q11. Do you have any other comments?**

and Connecticut for useful educational workshops because they were not offered in our remote, rural state. I chose to do those, so I made a financial decision. If PDHs are required, I will face that expense without choice, whereas I fear (I know) that many PEs will simply attend local, less useful sessions to meet the PDH requirement, giving them an economic advantage through lower costs to their businesses.

345	I purchase courses and complete about 20 hours per year of PDH credits. I can not say that they have helped me one way or the other in my professional career. The courses have standard college "entry level" questions, without requiring insightful participation on the part of the student. I have never gone back into the course material for engineering help with any problem in my daily work environment.	Apr 7, 2012 11:46 AM
346	6. No answer 7. No answer - Retired ...	Apr 6, 2012 4:05 PM
347	10. No answer I don't have a problem with continuing education, and I do occasionally take courses of interest. However, I feel 12 PDHs/year is too much, and will result in me taking any class just to fill requirements. It also seems to needlessly add bureaucracy. I see no reason for why this is necessary. Please provide evidence of malpractice issues you intend to alleviate.	Apr 6, 2012 4:04 PM
348	10. No answer - This needs more than a "yes" or "no"!	Apr 6, 2012 4:01 PM
349	9. All the other states require it now and most of the staff is licensed in more than one state.	Apr 6, 2012 3:55 PM
350	5. Retired 6. No answer 7. No answer 10. Must meet minimum standards or/and be approved by board.	Apr 6, 2012 3:53 PM
351	If the renewal process requires the listing of PDH's on an on-line renewal please allow for the attachment of a standard Log of Activities in a PDF format rather than input to yet another state's electronic input form. Non-standardization of record keeping is a huge waste of time.	Apr 6, 2012 3:51 PM
352	I had a Maine PE license but let it be retired because I neither practice in the state nor was interested in spending money on maintaining the required professional education units. If the state of Vermont is in need of more money for professional licenses, raise the rates.	Apr 6, 2012 3:51 PM
353	7. No answer	Apr 6, 2012 3:45 PM
354	10. No answer - depends on who would be doing the in-house training.	Apr 6, 2012 3:45 PM
355	Experience - on the job or co-op education - is more important than just "in the class or book" education. Credit should also be given for experience!! Not just class/instruction time!	Apr 6, 2012 3:43 PM
356	My "home" license is in a state with CE requirements Already so I am biased.	Apr 6, 2012 3:40 PM
357	I am a retiree and part time employee. If you add the education requirement please provide an exemption in the case of someone of that status who is no longer provided educational opportunities by their employer.	Apr 6, 2012 3:39 PM

**Q11. Do you have any other comments?**

358	2. No answer	Apr 6, 2012 3:37 PM
359	Bi-annual reporting every 2 years would work better.	Apr 6, 2012 3:36 PM
360	Limit the 'in-house' PDH counting towards the requirement.	Apr 6, 2012 3:34 PM
361	I feel CEU are VERY important to maintaining our level of practice.	Apr 6, 2012 3:27 PM
362	PDH in other states need to be accepted in Vermont.	Apr 6, 2012 3:25 PM
363	The time is better spent working.	Apr 6, 2012 3:24 PM
364	6. No answer 7. No answer 10. No answer	Apr 6, 2012 3:23 PM
365	10. No answer - depends on quality & topic	Apr 6, 2012 3:21 PM
366	I work for a large firm and I am licensed in many states. NY requires pre-approval for all PDH which is burdensome, even on larger firms.	Apr 6, 2012 3:18 PM
367	Professional development is critical in ensuring competency and aptitude. How a program is implemented is equally important. There are jurisdictions that are making it too difficult to maintain the professional registration due to the stringency of their PDH program, e.g., New York. It is just too time and cost prohibitive. By not having the registration means we can't work in the specific state that requires the P.E. for a project. That's lost opportunity for us and the state. Also, the cost of the PDH's has become outrageous. Most can be completed online (which is good) and yet it is still very expensive. The same with renewals. Most states have electronic renewal and yet registration fees continue to rise for administrative purposes.	Apr 6, 2012 3:18 PM
368	Would support smaller cost increase, \$5 - \$10 max/2 yrs for PDH admin.	Apr 6, 2012 3:17 PM
369	The continuing education program for PE is a farce, the courses offered are useless and have grown into a ... industry of value only to the instructors.	Apr 6, 2012 3:16 PM
370	Changing technology and building codes requires continuing education.	Apr 6, 2012 3:12 PM
371	Webinars work well.	Apr 6, 2012 3:11 PM
372	NY fees are much higher!	Apr 6, 2012 3:10 PM
373	2. No answer 6. No answer People who have licenses in multiple states have to contend with varying requirements.	Apr 6, 2012 3:07 PM
374	In my experience, many employers are not interested in paying for real educational opportunities so will opt for the low cost options with no real educational value like online self study. This can be changed by requiring multiple activities or a strict accreditation policy. In addition, 12 PDH's each biennial period is not much and most good learning experiences require more time.	Apr 6, 2012 3:03 PM
375	6. No answer 7. No answer 9. No answer Just increase bureaucracy	Apr 6, 2012 3:02 PM
376	6. I have worked in industry, not for an engineering firm. I hired the consultants.	Apr 6, 2012 2:47 PM



**Q11. Do you have any other comments?**

10. How do you monitor? I want to elaborate on the questionnaire on "continuing education" for engineers. To be brief, I am opposed to such a formal program as implied by the questionnaire. First, I believe that every project I have ever worked on began with a definition and education phase. Some of that education was in formal seminars conducted by education firms. But, much else was conducted by my company or on my own by literature search, review of past projects, and study of on site conditions. In my work history, I almost never worked on the same project twice. The variety is part of the appeal of the profession. I fear the idea of rigid, formal, class structures serves the education establishment more that it will ever serve the profession. Second, just as it is the responsibility of each engineer to define his area of expertise and solicit the partnership of others professionals where needed, I think it is the engineer's responsibility to decide where he needs to learn more and obtain that additional education by the appropriate means. Attending meetings that are authorized by someone to grant "professional development hours" does not necessarily fulfill the need. I have attended meetings that granted pdh's and was not impressed. I went to the meetings for the knowledge, not for "points". Third, licensing is done on a state by state basis. But engineers work and travel over a wide area outside their state of residence and are often licensed in several states. I can't believe that someone resident in one state can easily take courses that can also be properly monitored by each state in which he might be licensed. The threat is that the process will become a paperwork exercise that doesn't really meet an actual need. Fourth, in question 2 of the questionnaire is a reference to the "credibility" of the profession. PE licensing does not exist and is not justified to improve the "credibility" or the prestige of the profession. It is justified as a means to protect the public from undereducated and inexperienced practitioners. As such, it provides for a minimum level of education and experience. Beyond that, the profession is too complex for the licensing system to hope to make judgments as to an individual's ability to handle any particular assignment. Furthermore, the public does not really know what engineers do. I have had accountants and others I work with tell me exactly that. That is why engineering societies spend time presenting the profession to high school students. Doctors and lawyers don't have to do that. But, most of society cannot explain the difference between science and engineering. Finally, question 8 deals with the reality that monitoring a system of continuing education has real costs. I do not believe that the costs involved both in government and for the engineers and their employers are justified by the results that might be obtained.

377	If you're registered in many states, there are already mandatory CE requirements. I generally take ~15 CEH/year. I feel as though the continuing education process has become a "racket" for those wishing to make financial gain on these mandated requirements. The coursework is less than insightful, educational, or useful. Thanks.	Apr 6, 2012 2:35 PM
378	The ability to gain knowledge of changes in the engineering fields by taking a broad ranges of topic courses from across th US via Internet or other E-training would be welcomed. E training for PDH credits will be easiest to do if this flexible educational option is considered and implemented.	Apr 6, 2012 2:31 PM
379	"In-house" technical sessions for a part of req'd PDH.	Apr 6, 2012 2:25 PM
380	PDH earned in New York State should be acceptable in Vermont.	Apr 6, 2012 2:24 PM

**Q11. Do you have any other comments?**

381	Florida goes to the extreme in its limited use of PDHs. If you do go to PDHs, if attendance at seminars by organizations including ASCE/BSCE/NEWEA etc. counts towards PDH, then having PDHs is very attainable over the course of the 2 years between renewals. NH system is very good.	Apr 6, 2012 2:23 PM
382	5. It was (is), I am now retired. I am glad that PDHs are being considered.	Apr 6, 2012 2:19 PM
383	3. Note: Two states are inactive 5. Retired 6. Prior to retirement 7. N/A 9. Unless "grandfathered" 10. Only a relatively small part Our professional status depends greatly upon reputation. This can only be maintained and improved by a continuing process of upgrading our professional capabilities.	Apr 6, 2012 2:18 PM
384	I would prefer that any courses be taught online (not require travel to Vermont) and assume the courses are needed because people are abusing their rights (doing shoddy engineering work). Course credit should also be allowed from accredited engineering schools. Thanks.	Apr 6, 2012 2:14 PM
385	I am required to obtain 15 PDHs by most states in which I am currently licensed. I generally try to get between 20 and 25 per year. This is typically not too difficult because there are a variety of options, including free online webinars, online training, self guided study courses and local seminars put on by equipment reps and professional organizations. I have been audited by several states, seeking to verify that the required credits have been obtained (most states use a random audit to verify compliance). I typically try to get my PDHs by utilizing all of the previously mentioned options, so that I have a wide range of credits as well as more than required. I would recommend the random audit method to reduce cost. Additionally, I recommend that you encourage engineers to look to exceed the requirements as well as get the PDHs during the entire time frame and not wait to the end of the year.	Apr 6, 2012 1:56 PM
386	5. Not applicable, retired.	Apr 6, 2012 12:15 PM
387	10. Yes, with submittal of training syllabus.	Apr 6, 2012 12:13 PM
388	I hope it doesn't go through. It seems like the profession is moving away from experience and favoring academics. My mentor 10 years ago would not be a PE using today's standards, but people w/ a BS in engineering who are not as good at the practice of engineering would be.	Apr 6, 2012 12:12 PM
389	Most PE's are already getting 12 + PDH in other states. Exp & time is already spent.	Apr 6, 2012 12:06 PM
390	Technical seminars or 'lunch & learn' presentations by vendors should not count toward PDHs.	Apr 6, 2012 12:04 PM
391	The PDH requirements have become nothing but schemes for selected companies to make money. This does not make better engineers.	Apr 6, 2012 12:02 PM
392	CE is a waste of time & money. Working professionals are unduly burdened.	Apr 6, 2012 12:00 PM
393	The continuing ed programs in other states have no practical value.	Apr 6, 2012 11:59 AM
394	Career development and maintaining engineering competencies should come	Apr 6, 2012 11:53 AM

**Q11. Do you have any other comments?**

from the core work experience. States such as NY that require PDHs 'subject' engineers to come up with ways to meet the minimum requirement but still encroach upon the main responsibilities.

395	The cost of obtaining PDHs is the biggest issue for me. Since I'm located on the west coast at the present, it is also important that I be able to obtain qualifying PDHs locally as well.	Apr 6, 2012 11:33 AM
396	If the renewal process requires the listing of PDH's on an on-line renewal please allow for the attachment of a standard Log of Activities in a PDF format rather than input to yet another state's electronic input form. Non-standardization of record keeping is a huge waste of time.	Apr 6, 2012 11:30 AM
397	PDH's requirements need to be in line with other state's requirements	Apr 6, 2012 10:29 AM
398	Most engineers are getting the professional development hours and are likely getting them for other states PE requirements. If VT is going to do it - they need to find a simple inexpensive way to track it and report it. The money should be spent on obtaining the training (which conferences are costly to companies between registration and costs of someone being on overhead for the day) - the cost on the PE renewal end should not be where the money should be spent.	Apr 6, 2012 10:04 AM
399	*10 I did not give a direct yes or no answer, because over the years, I have found some in-house technical sessions to be very worthy, but others were marginal or next to useless. I think that the agency or company should submit prior to the sessions to see if the material justifies recognition for PDHs. 11 I would hope that PDHs earned for one state would also be useable in Vermont.	Apr 5, 2012 6:29 PM
400	Continuing education, as first envisioned, made some sense, in that because other Professions do it, PEs should do it also. It has become a racket, both for the CE providers and the State Boards. Most PEs look for a program or educational experience that will directly benefit them by adding to their knowledge base. Unfortunately, what most do is to take whatever is cheapest and most available. They wind up getting more from the social aspect of the group meeting than anything else. For those who use online services, they don't even get that. Because I am licensed in multiple jurisdictions, and their various renewal dates, I have to maintain a CE schedule that requires attendance almost quarterly. I normally average over 20 hours per year. Why 12? Why not 15 hours in accordance with the Model Law and most other State Boards?	Apr 5, 2012 4:52 PM
401	I am the president of a firm with 23 employees in VT. We have 9 full time VT PE's. I want to know how much time and money it will cost us as a firm to keep up with 12 PDHs for 9 PE's every year. My concern is it could be quite costly if there are not sufficient opportunities for VT PE's to easily obtain PDH's. While I support continuing education - in fact we do most in house with our senior staff - I would not want to spend more than \$500 per year per PE to keep current. It's very difficult to keep up with PDH requirements and still maintain a profitable business in a fragile economy. Allowing our in-house technical sessions to count would be a BIG help.	Apr 5, 2012 3:06 PM
402	I am the president of a firm with 23 employees in VT. We have 9 full time VT PE's. I want to know how much time and money it will cost us as a firm to keep up with 12 PDHs for 9 PE's every year. My concern is it could be quite costly if	Apr 5, 2012 3:05 PM

**Q11. Do you have any other comments?**

there are not sufficient opportunities for VT PE's to easily obtain PDH's. While I support continuing education - in fact we do most in house with our senior staff - I would not want to spend more than \$500 per year per PE to keep current. It's very difficult to keep up with PDH requirements and still maintain a profitable business in a fragile economy. Allowing our in-house technical sessions to count would be a BIG help.

403	IF PDH's are to be required, would suggest reducing requirement to 8 PDH per year.	Apr 5, 2012 10:54 AM
404	I am already required to meet the continuing education requirements of numerous other States that I'm licensed in. This would not be an issue for me.	Apr 5, 2012 9:14 AM
405	We do not need additional costs, in both time and money, at this time. Especially for something of such dubious benefit.	Apr 5, 2012 9:07 AM
406	In my opinion this requirement will only have a minimal impact on the professional development of engineers. The vast majority of engineers will always be proactive and stay on top of the latest technologies, codes and standards in their field anyways.	Apr 5, 2012 8:47 AM
407	I have gotten the most from "in-house" technical sessions. At a ACEC NH function awhile I got I think 6 PDHs hours and the program they had was only worth about 3 PDHs.	Apr 5, 2012 8:28 AM
408	I recommend considering combining efforts with neighboring states and determining whether or not training sessions taken in New Hampshire or New York, for example, could also be counted toward a person's training hours in Vermont. It seems as though some type of reciprocity is appropriate. I am also familiar with some other states that allow credit hours for reading technical articles and scoring an adequate grade on a quiz regarding the article's content. That also seems like an appropriate way ensure that engineers working in Vermont remain current.	Apr 5, 2012 7:52 AM
409	In house technical sessions are fine as long as they prepared by competent individuals and the sessions are relevant.	Apr 4, 2012 10:03 PM
410	My only piece of advice is to not make your education requirements as ridiculous as New York state. They make it almost impossible to comply with their requirements unless you live in the state.	Apr 4, 2012 3:00 PM
411	In-house technical sessions should qualify as acceptable PDH's with some conditions. Please consider only making this a portion of the PDH's eligible for credit.	Apr 4, 2012 11:36 AM
412	Burlington, Montpelier, Rutland, White River Junction are about the only communities that could support PD classes in the state. Considering the number of disciplines that need to be served, this would be a challenge for engineers to attend, e.g. it is not simply the cost of the course, but the time of travel, lodging arrangements, and matching course offerings against a busy schedule and sometimes challenging weather. PDHs should be more than punching a ticket. If PDHs can be managed via the web, or closed circuit TV (as a number of universities have done), there may be some real potential.	Apr 3, 2012 9:56 PM

**Q11. Do you have any other comments?**

413	I do not believe requiring professional development hours would improve the engineering capabilities of Vermont PEs or help the safety of Vermonters. Many of the approved training hours that I have participated in are sales calls from equipment vendors and they do nothing to promote the integrity of VT engineers.	Apr 3, 2012 8:19 PM
414	Please allow PDHs obtained in other states (i.e. NY) to be counted as PDHs in VT. NY currently requires 36 PDHs to be earned over a 36 month period; however, they can be obtained at any time during the 36 month period. Most of the approved PDH courses are expensive for the registration plus the cost of lost billable time away from work is expensive for the firm or individual. Therefore, dual acceptance of PDHs by other states is a very economical way to maintain the P.E. license in multiple states. Generally, the subject matter taught in any PDH course in any one state is applicable in any other state (except perhaps earthquake engineering).	Apr 3, 2012 8:15 PM
415	Continuous lifelong learning is imperative to any profession, especially engineering, which provide services that effect public health and safety.	Apr 3, 2012 6:16 PM
416	If PDH becomes a requirement, then we should be able to get "PDH credit" for: 1) attending a professional conference, 2) teaching courses, 3) watching webinars and other evidence of engineering work such as patents granted, publications written, etc. It is not fair to establish a new requirement for people to maintain a PE designation under a new (different) set of ground rules when they obtained the PE license under an old set of ground rules. When the rules change, for fairness, those who obtained the PE license under the old rules should be "grandfathered" to allow the continued maintenance of their PE designation without any additional continuing education requirement. If you are going to establish a new requirement, then it should apply only to new PE applicants. Overall, I believe this idea would cost extra money and institute an added administrative/bureaucratic burden without providing much value. Also, there are (lean) years when PEs and their employers cannot afford to attend formal education courses. The "education industry" is moving away from traditional ways of learning and staying abreast of new technologies.	Apr 3, 2012 4:28 PM
417	note - answers to questions 6 and 7 are required, however i do not work for an 'engineering firm' per se. The responses provided are attributed to the company that i work for.	Apr 3, 2012 3:55 PM
418	I believe that continuing education is an fundamental aspect of a profession.	Apr 3, 2012 1:41 PM
419	I recommend using licensee's home state PDH requirements as meeting VT requirements if equal to or greater number of hours are required. I am currently registered in 23 states and have to maintain continuing education for most of them. The admin. cost is a burden to a small company.	Apr 3, 2012 10:17 AM
420	9. Time away from work, costs to attend and increased license fees for no benefit constitute a severe impact. 10. Question implies that PDH's will be required. The requirement for PDH's is yet another intrusion of government into private lives. Before even considering this there should be documented instances where it can be proven that mandatory cont. ed would have prevented the problem.	Apr 3, 2012 10:12 AM
421	I am a environmental PE working for the VT ANR. My job, although an	Apr 3, 2012 10:08 AM

**Q11. Do you have any other comments?**

engineering position, does not require a PE license. I do have the ability to take various continuing ed. courses through EPA and regional professional organizations (ITRC, NEWMOA, NEIPIC, etc.) however only when they are free, on-line, or the organization can provide food and lodging. The state does not reimburse travel or tuition expenses. I already consider an \$80 license fee excessive considering this is not required for my job, paid out of pocket, and I receive no benefit for being a PE other than 'professional pride'.

422	The continued professional development programs offered in most states are a circus-pay the state fee to become a licensed educator and pay the state to certify what education you have received is credible. In most cases, the ability to stay in business is based on one's ability to stay educated and on top of current best practices and technologies. Paying for online courses does not add value to a professional or the state that requires it.	Apr 3, 2012 10:01 AM
423	No	Apr 3, 2012 9:10 AM
424	A few points to better understand my survey selections: Between the education, experience and testing requirements, the average PE invests 8 years to become qualified in their field of expertise. Work experience thereafter provides more education on a daily basis. IF the PE is not working (for any reason) or does not keep up with the current standards of practice, they ultimately are weeded out of the profession. Comparably, the AHJ's granted the authoritative oversight of the PE's work are often required to have 1/4 if any of the same qualifications. IF PDH's are required of the PE's, twice the criteria should be require dof the AHJ's. I'm already required to obtain 30 PDH's every other year by two other states where I am registered. Completing the paperwork for VT using the same PDH's is not a burden: however, that said, it does not mean I agree withthe other States requiring the PDH's in the first place. Bottomline, in my experience the problem isn't with PE's that don't stay up to date on the standards of practice, the problem is with the unethical PE's willing to "sell a stamp" or simply cut corners. Even if a PDH program is implemented and enforced, it won't in all likelihood solve the real problem of the few rotten apples with unethical behavior. Heck... they will probably just cheat on their PDH's.	Apr 3, 2012 9:10 AM
425	I already have to maintain CEU's in another state. I see no reason why each state should have their own rules, own process, etc. It gets to be far too much work keeping up with all these requirements. Both the time commitment and financial impact are very burdensome.	Apr 3, 2012 8:49 AM
426	Since I hold multiple states that require continuing education, there is only a small amount of paper work for record keeping. re question 10, there should be minimum standards for acceptance.	Apr 3, 2012 7:57 AM
427	The challenge for me, as project manager for Arch and Engineering, is that I don't engage directly in engineering. My role is to oversee the design of all technical disciplines, to understand the process of design and to QC the design. Having said that, I support the suggestion that VT requires PDH. My firm regularly conducts technical seminars, in which I could easily partake. The requirement will force me to re-engage the technical side of my profession.	Apr 2, 2012 8:16 PM
428	In other states the PDH requirement was voted in by academics and consultants who dominate the professional engineering boards. There is little or no impact on	Apr 2, 2012 7:58 PM



**Q11. Do you have any other comments?**

these two groups as they often participate in courses or seminars that would satisfy the PDH requirement, or they have a personal profit motive as the continuing education instructors. The rest of us are forced to pay out of pocket for these courses and the time away from work. If "local" instructors are barred from offering PDH courses I suspect the appetite for them will rapidly disappear.

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| 429 | Based on your question # 9, it appears the decision has already been made. The \$ impact is more due to the loss of productivity and time, not the cost for a PDH. I have attended MANY sessions for continuing education accredited in NYS and a large # of participants sit in the back of the room on their lap-top doing work, talking on the phone or "networking". This does little to add credibility to our profession. I hope you have the foresight to accept approved PDHs from NYS otherwise I will have to consider giving up my Vermont license.  | Apr 2, 2012 7:29 PM  |
| 430 | I do think that special vendor presentations that are education based, not sales based, should be acceptable. Engineering society meetings that have education components should be included as well. IE...Monthly ASHRAE meetings often have great speakers and educational components.  | Apr 2, 2012 7:24 PM  |
| 431 | Similar legislation was pushed through the Pennsylvania Professional Engineering Board of Licensure. What finally was passed was so watered down as to be meaningless other than producing more state bureaucracy. Initially the state was to preapprove courses. To get the monkey off their back, engineers go to on-line sites to take quick courses in generally related fields. Most of these courses are designed to satisfy state requirements with the minimum of study and the ease of examination. Resulting in an out-of-pocket expense of \$250+. "In-house" courses do the same. Salesmen come in and give their pitch in the guise of CPD. Therefore my answer is yes "in-house" to get the monkey off my back.   | Apr 2, 2012 5:40 PM  |
| 432 | In-house sessions should be done at risk of not being approved. Perhaps an approval process similar to NY's could be instated for in-house sessions. There should be criteria on these sessions, or some regulation of them at least.   | Apr 2, 2012 3:57 PM  |
| 433 | The current providers of courses that I use for on-line programs are useless. You are not a better engineer after completing one of the courses. Providers like ASCE and universities are very costly and require time and travel as well. In my opinion the system used in states with a CEU requirement is broken and should not be implemented in Vermont.   | Apr 2, 2012 2:58 PM  |
| 434 | Continuing Education occurs every day in the professional engineering world, through experience, mandatory requirements to keep up with ever-changing regulations, peer contact, etc. My experience with PDH's is that they rarely offer true benefits to the practicing engineer professional. These become a "necessary evil" that must be completed and typically involve time away from productive work to attend the most convenient approved "course", which are often selected based upon which one minimizes time away from completing true engineering work. Almost all of the seminars that I have attended generally generate maybe one small bit of new knowledge which could have been obtained in 5 minutes of phone, colleague or internet research rather than the 8 to 10 hours spent enduring a lecture by lecturers. Requiring PDH's is primarily for the benefit of Non-Practicing Engineers, (who are often in government, industry sales, or academic positions), and who have the time to "legislate the | Apr 2, 2012 12:14 PM |

**Q11. Do you have any other comments?**

requirement", "provide the seminars", and "attend the seminars" without worrying about actually "doing" engineering.

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| 435 | <p>The concept of pursuing continuing Professional Development is a positive one. However, the reality of pursuing PDH's in the two other states that I am registered has exposed the reality that, once you have tapped the typical local resources after a few years, it is very difficult to find quality courses nearby that are actually useful to my practice. In order to meet my PDH requirements and get credits from courses that are pertinent, I find I am travelling to other states and am out of my office for several days each year. I fill out the forms for both of the state's that require PDH's and to date they have operated on an honor system and only audit a small percentage of the applications. If the system is to be effective, it would seem that there should be better quality assurance and control, which of course is expensive. I believe the bottom line is that the additional cost of insuring all license holders are participating properly is not justified by the limited amount of skill improvement gained and expense paid for that continuing education by the licensed professional. I was also somewhat dismayed to see that my professional organization, The Vermont Society of Professional Engineers, failed to include my proper title, "P.E." after my name on the envelope. If any organization were to understand that it is discourteous to leave this off, I would have hope that it would be this society, especially if there is some thought as expressed in the survey of adding "credibility &amp; value" to the engineering profession.</p> | Apr 2, 2012 11:38 AM |
| 436 | <p>See # 1 above. There needs to be a field element included if the continuing ed becomes reality. It is important that the design or theory works.</p>  | Apr 2, 2012 10:45 AM |
| 437 | <p>My firm is a specialty firm that uses specialty software on occasion and is a key part of our business, the availability of recognized training is limited.</p>   | Apr 2, 2012 10:19 AM |
| 438 | <p>There is a lot of company specific training that is applicable to our profession. I believe at least 1/2 of the CEUs required should be allowed from in-house training.</p>   | Apr 2, 2012 10:01 AM |
| 439 | <p>I believe in-house technical sessions should be limited to 25% maximum toward a bi-annual PDH requirement. New Mexico has a good PDH policy that may be useful to serve as an example for Vermont.</p>  | Apr 2, 2012 9:50 AM  |
| 440 | <p>We need to find a way to accept CE credits across state lines throughout the country. I recently surrendered my New Jersey and New York licenses because those states have specific courses and/or providers that are the only approved programs for obtaining CE credits. It is also very burdensome for engineers licensed in many states to keep track of the requirements and CE credits earned when they are unique to each state.</p>   | Apr 2, 2012 9:01 AM  |
| 441 | <p>Engineers who are only licensed in Vermont will see a financial impact. They will be hit with the double whammy of lost billing hours as well as out-of-pocket expenses. I am licensed in 33 states and my yearly education costs run about \$1,500.00 each year. Some of the states I am licensed in require four hours of state-specific education each renewal period. Licensing laws are so similar that this is a ridiculous waste of the licensee's time and money. Please don't go there.</p>  | Apr 2, 2012 8:11 AM  |



**Q11. Do you have any other comments?**

442	While many engineers are always seeking to learn new science and technology, others believe the field is the same as it was when they graduated from Engineering College many years earlier. There should be standards to which the continuing education is held and it should be feasible for engineers in an office to provide training on topics of their expertise. Credit should be granted to those offering training, as well as receiving it, as it demonstrates expertise if you teach others about your topic. As most other states require continuing education, VT engineers may be considered second rate if the standard is not added. For engineers licensed in multiple states, it should be acceptable to transfer CEUs from one state to the other.	Apr 1, 2012 9:10 PM
443	There are a number of professional organizations that provide professional development hours for technical sessions at conferences or other meetings. To minimize the extra costs of earning PDHs, and to encourage participation in professional organizations (which I believe is also worthwhile), these sorts of PDHs should be eligible.	Apr 1, 2012 4:53 PM
444	Requiring continuing education is unnecessary, and reduces the meaning of "professional." Professionals that are interested in improving their practice will seek continuing education on their own and will select venues most appropriate to their needs, interests, and business goals. Mandated education leads to professional to take unnecessary and needless courses simply to satisfy an arbitrary requirement. The result is a waste of money and resources that could otherwise be used in a much more productive and effective manner. As a professional engineer licensed in 15 states, many of which required continuing education, I see absolutely no benefit to the public, my employer, my career, or the profession by requiring professionals to meet an arbitrary standard. It is a unnecessary distraction of performing our roles as public stewards and employees of professional organizations. Perhaps Vermont should try a different and more appropriate approach to license renewal that actually addresses the individual's character, ethics, and project performance, and promotes the standards of our profession.	Apr 1, 2012 4:47 PM
445	Please lookout for us retired engineers by having a retired status in the law which will allow us to use P.E. after our name without having to complete continuing education.	Apr 1, 2012 12:37 PM
446	I practice engineering in New York State which currently has continuing education requirements. There are a large number of Professional Engineering organizations and members trying to get rid of this requirement. The engineering codes themselves are constantly evolving and should constitute as continuing education in itself. Continuing education is nothing more than a money making scheme and is being pushed hard especially by Universities who also want to require a Masters' degree in engineering in the future in order to get a P.E. It is time to stop the college professors from taking over our profession.	Apr 1, 2012 11:17 AM
447	Would like to make sure that any PDHs can be used to satisfy multiple states' continuing education requirements.	Mar 31, 2012 9:01 PM
448	comments above.	Mar 31, 2012 8:05 PM
449	see comments in Questions 1 and 2	Mar 31, 2012 6:48 PM

**Q11. Do you have any other comments?**

450	<p>This is not a good idea, it has never been a good idea, and just because other states have been pressured to think it was a good idea does not make it something Vermont should pursue. I have to do this to satisfy my registration in the State of New Hampshire. While it is not onerous, as I pointed out above, it in no way makes me a better engineer, makes me more competent to serve the clients I do, or helps me to grow in my professional career. It is hoop jumping, pure and simple, and I do not like to jump through hoops solely for the sake of jumping hoops. Find a better way to insure competency and relevancy, this is not the way.</p>	Mar 31, 2012 3:57 PM
451	<p>I am not a practicing engineer; I work in construction. I would like to retain my "PE" at the end of my name, but see little value in getting professional development for my job. While I have maintained my license in VT, I have let NY and NH lapse and have no interest in relicensing. I am not sure that the questions above pertain to me too directly. I would like to see the ability to maintain the PE for those not using their credentials without PD. I think it is essential for those practicing engineers to keep up with the professional development.</p>	Mar 31, 2012 2:52 PM
452	<p>I have licenses in 9 other states and most of them require similar amounts of continuing Ed. So having this requirement in Vermont will not really add any extra burden, as long as the credits I am already getting would be accepted in Vermont.</p>	Mar 31, 2012 1:00 PM
453	<p>PDH should not be as difficult as NY requirements to certify but definitely less inclusive than NH's acceptance of almost anything.</p>	Mar 31, 2012 9:31 AM
454	<p>Will tend to drive away good engineers</p>	Mar 30, 2012 2:06 PM
455	<p>Every state that requires PDH's should adhere to a uniform or standard reporting period and number of PDH's, regardless of renewal date. This would ensure that registrants are not required to acquire more PDH's than absolutely necessary just to satisfy the minimum PDH's in different reporting periods. As an alternative, the states could remove the limits on carry-over PDH's credits, increase the yearly requirement from 15 to 21 but still require a minimum number of "new" PDH's in a given year to say 7.5.</p>	Mar 29, 2012 6:29 PM
456	<p>I am now retired, so perhaps I am hopelessly out of date as well. But in my years as a professional engineer I have seen all too many wonderfully educated folk, with degrees and courses dripping from their resumes, fail miserably when it comes to actually getting down and doing the work. Professional development courses do have their place; I'll not deny that -- indeed I taught some courses of that nature (on storm water management strategies) at one time. Attendance at conferences and the like, to stay abreast of new developments, is also very helpful. But in my view, there's no substitute for actually doing the work.</p>	Mar 29, 2012 3:31 PM
457	<p>PDH should include attendance at industry forums, meetings, etc. to encourage participation. Do not require anything specific to Vermont - - it is impossible to attend specific training in VT.</p>	Mar 29, 2012 3:18 PM
458	<p>See item 1 comments</p>	Mar 29, 2012 3:04 PM
459	<p>I am retired but pay for my license when required. I wish to continue to maintain</p>	Mar 28, 2012 7:44 PM

**Q11. Do you have any other comments?**

my license but will not participate in continuing education. If you decide to implement continuing education, I would hope you would create a category for a retired/inactive PEs who could retain the license but would not have to participate in continuing education.

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| 460 | Although I believe that some form of ongoing measurement of technical proficiency should be required, I believe the current PDH system used by most states is a waste of time. An entire industry specializing in providing continuing education classes for engineering licensure has developed with many classes of limited benefit at tremendous cost. Most license holders that I know simply try to find the least expensive class that will fulfill the PDH requirement which typically means their own interests are brushed aside for the sake of meeting the minimum amount of PDH credits. Ultimately, neither the licensee nor society benefit from this "education." Rather, I would like to see some form of proficiency test, possibly organized/administered by NCEES, required to be taken say every three to five years. It could be open book, taken online or by paper, and focused on the specific engineering discipline of the licensee. I am not advocating a difficult, hard or confusing exam, just basic review of the fundamentals and principles of engineering that were required to be known when originally licensed. Maybe even four or five different tests could be made for each discipline and the tests could be taken in a rotating fashion so a broad review is achieved. I believe this would be far more beneficial for the engineering profession at large and in Vermont than the current PDH system being considered. | Mar 28, 2012 2:26 PM  |
| 461 | Please do not support PDH's. They add nothing to the knowledge base, and I mean that literally! Many of the courses I am offered in FL and NJ are trivial and can be completed in far fewer than the number of hours implied. I take these courses at the last minute, when it is time to renew my license. I look for topics of interest to me, and am usually sorely disappointed by the content. Furthermore, the exams are themselves taken directly from the texts and require little to no analytical thought which would indicate mastery of the topic presented. Why impose this cost on the engineer and add administrative burden that adds even more cost to achieve literally nothing?  | Mar 28, 2012 10:56 AM |
| 462 | Suggest coordinating this effort with other vt engineering societies as it is a common goal. SEAVT, ASCE, etc   | Mar 27, 2012 5:31 PM  |