

Vermont Professional Engineers With 11 to 20 Years of Experience

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		59.0%	222
No		41.0%	154
	Comment (optional)		54
	answered question		376
	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		58.0%	218
No		42.0%	158
	Comment (optional)		35
	answered question		376
	skipped question		0




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

		Response Percent	Response Count
1		15.2%	57
2		9.6%	36
3		9.3%	35
4		7.7%	29
5		4.8%	18
6-10		20.2%	76
>10		33.2%	125
answered question			376
skipped question			0









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

		Response Percent	Response Count
<1		0.0%	0
1-5		0.0%	0
6-10		0.0%	0
11-15		56.9%	214
16-20		43.1%	162
>20		0.0%	0
answered question			376
skipped question			0

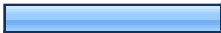





5. Is the engineering firm that you work for located in Vermont?

		Response Percent	Response Count
Yes		25.3%	95
No		69.7%	262
Not Applicable		5.1%	19
answered question			376
skipped question			0

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

		Response Percent	Response Count
1-5		27.7%	104
6-10		10.4%	39
11-20		9.8%	37
21-40		6.9%	26
41-60		6.4%	24
61-100		8.0%	30
101-200		8.5%	32
>200		22.3%	84
answered question			376
skipped question			0

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

		Response Percent	Response Count
0		32.2%	121
1-20		49.2%	185
21-40		1.6%	6
41-60		2.7%	10
61-80		2.1%	8
81-100		12.2%	46
answered question			376
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	60.5% (207)	39.5% (135)	342
\$40	23.7% (66)	76.3% (213)	279
>\$40	11.2% (31)	88.8% (246)	277
answered question			376
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		29.0%	109
Negligible impact		35.4%	133
Moderate impact		28.5%	107
Severe impact		7.2%	27
answered question			376
skipped question			0

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

		Response Percent	Response Count
Yes		82.4%	310
No		17.6%	66
answered question			376
skipped question			0

11. Do you have any other comments?

	Response Count
	126
answered question	126
skipped question	250

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

1	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
2	Too difficult for public sector employees to afford	Jul 17, 2012 7:34 PM
3	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
4	On the job should also qualify	Jul 17, 2012 7:13 PM
5	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
6	I maintain my profeciency automatically. Pay for PDHs is somewhat of a scam.	Jul 17, 2012 6:22 PM
7	Most of the courses I take in NY are not rel	Jul 17, 2012 6:15 PM
8	I already maintain 36 CEU's in NY every 3 years.	Jun 1, 2012 10:42 AM
9	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
10	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
11	Continuing education should be voluntary and a way for professional to keep up to date with new methods and options for a better resolution.	May 31, 2012 9:21 PM
12	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
13	With the provision that "actively working" practicing engineers provide a statement with renewal that they are practicing actively.	May 17, 2012 5:39 PM
14	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 easay 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
15	Provided it is not set on the NY model of pre-approved courses.	May 17, 2012 4:53 PM
16	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
17	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
18	CE courses I've seen are ineffective and only result in revenue to those offering courses.	May 17, 2012 3:17 PM

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

19	This is the latest state board attempt at "Sunset Laws" for PEs	May 17, 2012 3:13 PM
20	Much to the chagrin of others.	May 11, 2012 9:11 PM
21	If it can be coordinated with programs from other states.	May 11, 2012 9:00 PM
22	Continuing education acceptance in other states should be acceptable in Vermont.	May 11, 2012 8:37 PM
23	Licensed in several states and ~60% require continuing ed. - If we want to be professionals, this is necessary.	May 11, 2012 8:33 PM
24	Not necessary for those in active practice.	May 11, 2012 4:50 PM
25	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
26	Very little, if any value gained from c. ed.	May 9, 2012 10:36 AM
27	My education continues as a result of my work.	May 8, 2012 3:25 PM
28	Professional development is an unwritten requirement of the profession - one must stay current to remain successful.	May 8, 2012 3:24 PM
29	The requirement for licensure should be linked to "continuing practice," not "continuing education."	May 8, 2012 2:53 PM
30	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
31	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
32	If the course work is meaningful.	May 8, 2012 2:21 PM
33	Most states where I am licensed require CE. I find CE more for the the academi-ites than for the practioneer.	May 8, 2012 2:03 PM
34	The administrative element that is added is cumbersome relative to the value gained in my opinion.	Apr 30, 2012 8:10 AM
35	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
36	It only makes an accounting issue and does not ensure better or more qualified engineers.	Apr 18, 2012 10:54 AM
37	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
38	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

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

39	no reason to be different than other nearby states	Apr 15, 2012 6:40 PM
40	I don't think it's a good time to start requiring new thinkgs.	Apr 10, 2012 3:18 PM
41	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
42	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
43	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
44	As long as the requirements are not too onerous.	Apr 5, 2012 3:06 PM
45	As long as the requirements are not too onerous.	Apr 5, 2012 3:05 PM
46	There is no evidence that mandated continuing education improves the quality of engineering work preformed.	Apr 5, 2012 9:07 AM
47	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
48	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
49	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 cann attest that thay do not increase my education in my field.	Apr 2, 2012 3:02 PM
50	There is already too much unnecessary bureaucracy and regulation to administer. Besides in order to be competitive a frim needs to stay current this makes PD is a critical component of success. Lets not add another layer on to what we are already doing.	Apr 2, 2012 1:25 PM
51	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
52	With some flexibility of how the continuing education is provided.	Apr 1, 2012 9:10 PM
53	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	Mar 31, 2012 6:48 PM

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

than 10 years, it is optional.

54

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

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

1	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
2	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
3	I, and many colleagues, have very mixed feelings on PDH's. A whole new business has sprung up offering PDH's. at an exorbitant 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
4	I believe it would add a little however the amount would be negligible in the overall picture.	May 31, 2012 9:49 PM
5	Marginally.	May 31, 2012 9:31 PM
6	It can introduce new products, uses, procedures and design processes	May 31, 2012 9:21 PM
7	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
8	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
9	The practice and experience gained on the job are the best way to add credibility and value.	May 17, 2012 5:33 PM
10	CE courses I've seen are ineffective and only result in revenue to those offering courses	May 17, 2012 3:17 PM
11	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
12	Many engineers attend to fulfill requirements, not necessarily "education." Good engineers don't need this requirement	May 17, 2012 2:20 PM
13	Most engineers, before continuing ed requirements, were taking it as a matter of course.	May 11, 2012 8:37 PM
14	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
15	"P.E." adds all the credibility required.	May 11, 2012 4:50 PM
16	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

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

17	Only because the majority of other eastern states already require it.	May 9, 2012 10:34 AM
18	Not necessarily.	May 8, 2012 3:25 PM
19	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
20	Value, yes; credibility, no.	May 8, 2012 2:53 PM
21	General public has no clue and probably doesn't care.	May 8, 2012 2:47 PM
22	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
23	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
24	No because most continuing education available is either not relevant to my field 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.	Apr 17, 2012 9:32 AM
25	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
26	Credibility, no. Value, yes.	Apr 10, 2012 3:26 PM
27	Vast majority of public doesnt seem interested.	Apr 10, 2012 11:51 AM
28	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 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.	Apr 9, 2012 2:24 PM
29	As long as the requirements are not too onerous.	Apr 5, 2012 3:06 PM
30	As long as the requirements are not too onerous.	Apr 5, 2012 3:05 PM
31	If continuing education added credibility & value to engineering work, the insurance company's would be offer a reductions in premiums for error and omissions, which is not the case.	Apr 5, 2012 9:07 AM
32	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

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

33	If engineers and engineering societies market the value, it will add credibility to the profession.	Apr 2, 2012 7:24 PM
34	My real answer is maybe, Unfortunately, this is probably true.	Apr 2, 2012 6:13 PM
35	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

Q11. Do you have any other comments?

1	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
2	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
3	In reality continuing ed credits end up being "scrambled for" at the last minute due to the day to day rigors of being a working PE. Thus they are rarely helpful and only disruptive.	Jul 17, 2012 6:53 PM
4	Another government solution to a problem that doesn't exist	Jul 17, 2012 6:34 PM
5	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
6	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
7	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
8	Q10 - Yes, because these sessions could be tailored to current work/projects within the company.	Jun 1, 2012 10:47 AM
9	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
10	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
11	Do not have applicants fill out (list) continuing ed hours on renewal form. Just list hours.	Jun 1, 2012 10:35 AM
12	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
13	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
14	CPD is a good theory. In practice, all it has 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
15	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

Q11. Do you have any other comments?

16	Q10 - Yes, However the sessions should be technical in nature and not just sales visits.	May 31, 2012 9:22 PM
17	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
18	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
19	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
20	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
21	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
22	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
23	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
24	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
25	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
26	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
27	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
28	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	May 17, 2012 4:34 PM

Q11. Do you have any other comments?

materials available to staff.

29	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
30	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
31	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
32	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
33	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
34	Only in the case that one compares in-house vs. non-accredited courses. If we want CE requirements, make those university courses, which have consistent stds.	May 17, 2012 3:17 PM
35	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
36	Just another way to create jobs.	May 17, 2012 3:13 PM
37	10. Yes - If content is documented.	May 17, 2012 2:33 PM
38	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
39	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
40	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
41	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
42	10. Yes, with appropriate documentation.	May 11, 2012 9:08 PM
43	Please accept qualifying PDHs from other states.	May 11, 2012 9:05 PM

Q11. Do you have any other comments?

44	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
45	Prequalify providers like pdhonline.org.	May 11, 2012 8:54 PM
46	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
47	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
48	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
49	Just do it.	May 11, 2012 3:14 PM
50	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
51	10. However it would not qualify for other states.	May 9, 2012 11:21 AM
52	The profession and the people we serve will benefit from a better and more recent educated staff.	May 9, 2012 11:19 AM
53	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
54	9. Required by other states, so it is already done. Please keep it consistent with NH & ME.	May 9, 2012 10:49 AM
55	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
56	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
57	10. Probably of more value than anything else.	May 9, 2012 10:36 AM
58	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
59	Provided PDHs obtained for other states requirements are accepted.	May 9, 2012 10:27 AM
60	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

Q11. Do you have any other comments?

61	10. If well organized with experienced instruction. Continuing ed is important.	May 9, 2012 10:20 AM
62	Provided PDHs obtained for other states requirements are accepted.	May 9, 2012 10:19 AM
63	10. If performed by outside parties	May 8, 2012 4:21 PM
64	Engineers over 60 years old should be exempt from continuing education.	May 8, 2012 4:07 PM
65	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
66	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
67	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
68	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
69	I am a proponent of allowing engineers to manage their own professional development.	May 8, 2012 3:19 PM
70	Should attach some sort of systems and/or session description and sign-in sheets.	May 8, 2012 2:53 PM
71	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
72	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
73	10. When they meet appropriate criteria.	May 8, 2012 2:27 PM
74	There should be a national standard regarding licensing requirements including continuing education requirements.	May 8, 2012 2:24 PM
75	So long as the content is relevant to the technical capabilities of the staff.	May 8, 2012 2:21 PM
76	10. But, in-house should be supplemented w/other PDHs. Not entirely in-house.	May 8, 2012 2:07 PM
77	CEUs are a racket to tap engineer's wallets.	May 8, 2012 2:06 PM
78	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
79	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

Q11. Do you have any other comments?

80	Record keeping can be managed online by individual PEs.	May 6, 2012 12:58 PM
81	Continuing education is a good idea. Tracking the hours, where taken, etc. can be an administrative headache.	Apr 30, 2012 1:37 PM
82	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 legitimate (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 Professional Development, doesn't mean that engineers are not doing this on their own. In business, you need to always be 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.	Apr 30, 2012 8:10 AM
83	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
84	Our firm has a licensed PE in each practice area of mech., elect., or structural.	Apr 21, 2012 1:29 AM
85	If you need PDH in one state then a second state has little impact.	Apr 21, 2012 1:27 AM
86	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
87	if PDH's are required then a good definition of what qualifies is needed.	Apr 18, 2012 10:54 AM
88	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
89	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

Q11. Do you have any other comments?

90	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
91	As a PE I always continue to learn, keeping up with code changes.	Apr 17, 2012 10:56 PM
92	Recommend ethics courses be part of the renewal PDH credits required.	Apr 17, 2012 10:53 PM
93	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
94	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
95	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
96	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
97	6. No answer	Apr 10, 2012 3:26 PM
98	I do not agree with instituting PDHs in VT!	Apr 10, 2012 3:18 PM
99	9., 10. No answer	Apr 10, 2012 2:08 PM
100	Why does VT take so long??	Apr 10, 2012 1:57 PM
101	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
102	10. If minimum standards are established.	Apr 10, 2012 12:01 PM
103	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
104	1. In regards to "in-house" tech sessions qualifying as acceptable PDHs, I would	Apr 8, 2012 3:22 PM

Q11. Do you have any other comments?

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 (I 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.

105	6. No answer 7. No answer - Retired ...	Apr 6, 2012 4:05 PM
106	PDH in other states need to be accepted in Vermont.	Apr 6, 2012 3:25 PM
107	The time is better spent working.	Apr 6, 2012 3:24 PM
108	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
109	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
110	5. Not applicable, retired.	Apr 6, 2012 12:15 PM
111	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
112	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 3:05 PM
113	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
114	I recommend considering combining efforts with neighboring states and determining whether or not training sessions taken in New Hampshire or New	Apr 5, 2012 7:52 AM

Q11. Do you have any other comments?

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.

115	I believe that continuing education is an fundamental aspect of a profession.	Apr 3, 2012 1:41 PM
116	I am a environmental PE working for the VT ANR. My job, although an 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'.	Apr 3, 2012 10:08 AM
117	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 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 diappear.	Apr 2, 2012 7:58 PM
118	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
119	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 that 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 requirement", "provide the seminars", and "attend the seminars" without worrying about actually "doing" engineering.	Apr 2, 2012 12:14 PM
120	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.	Apr 2, 2012 10:01 AM
121	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	Apr 2, 2012 9:01 AM

Q11. Do you have any other comments?

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.

122	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
123	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
124	see comments in Questions 1 and 2	Mar 31, 2012 6:48 PM
125	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.	Mar 29, 2012 6:29 PM
126	Suggest coordinating this effort with other vt engineering societies as it is a common goal. SEAVT, ASCE, etc	Mar 27, 2012 5:31 PM