

Testimonials

I'd like to thank you for all your help in passing the PE exam. I don't think that I could do it without you. I took the PE exam 5 times and failed it 5 times. I took many review courses before. At first, I was skeptical about your review because it appeared too simple and the problems don't look like the PE exam problems. It did not mater. Your course stresses the fundamental concepts and forces me to repeat those concepts over and over again. I also appreciate the extra time that you spent with me going over your problems. I called you many times and you have been a great help. You forced me to think and explain what I did. From your course, I can do those problems faster and more accurately.

Dan Loo, PE
Bureau of Sanitation
Los Angeles

Thanks Bob, I passed the ChE PE Exam! When you have your next class scheduled, I would distribute the announcement to the entire Process Community here at Clorox, recommending that they take your class to get the practical knowledge they never learned in school.

You can certainly use me as a reference; I would be happy to talk to other people. Your course material was excellent and very practical.

Agnes Jaszenovics, PE
Clorox
Pleasanton

I took Bob's review course before the exam. Initially, I was going to participate via correspondence method however, once I received the material I decided that would not work for me. I had been out of school over 15 years so much of the material was not in my near term memory. I ended up commuting via Jet Blue out of Long Beach airport every Saturday for the duration of the course. The course days were long but worth every minute, live participation made all the difference to me. Knowing I was going to be with the group each Saturday was a key motivator to my completing the weekly homework problems. The course is very informative and I don't think I could have entirely captured the content without participating in person. I ended up studying for the exam 6 or 7 weeks in the evenings and weekends – the durations of the course plus one more week before the exam. I highly recommend the course I did pass the PE exam and don't think I could have done it without the course.

Cheryl Sandifer, PE
Technip Engineering
Long Beach

I attended Bob Katin's Chemical Engineering Refresher Course while preparing to take the Professional Engineer's exam in April, 2010. Bob is an excellent teacher; he has written a well structured review course, he brings in all kinds of equipment for hands-on training, and he is very energetic and enthusiastic about chemical engineering. By "passing the baton", every student is responsible to answer questions in class, and Bob will make sure students understand the concept before moving on to the next topic.

Since I was an out-of-state student from Colorado, I used my time in the airports and on the airplanes to get my homework done. That allowed me to always be prepared for class; well, that and the additional 8 hours of homework during the week. My goal was to **take the Professional Engineer's exam once and pass**. With the help of Bob's well written modules, not only was I comfortable taking the exam, but I was familiar with many of the exam questions, and passed the test the first time I took it.

I would like to express my sincerest thanks to Bob Katin for his well organized course and his enthusiasm about chemical engineering. The time and energy I spent doing the module homework and getting to class to participate in person paid back tenfold when I sat the exam. Remembering his comments in class, the props (plate-frame heat exchanger parts, bourdon tubes, etc.), and flipping through his well-organized modules (and equation sheets) made the exam answers literally fall out on the paper.

Faith E. Kay, PE
Senior Project Engineer
URS Corp
Colorado

Bob, the European influence in the Research & Development/Shell Group considers the PE a sign of competence. I needed to obtain my PE license. I consider your class to be the best ChEs refresher class. It definitely exposes one to things they learned and forgot or never learned in the first place. You did a super job. Your experience and practical knowledge was quite evident. I have been putting off taking the PE exam for years on fear that I had forgotten too much. Not so; you've rebuilt my confidence. I know this material and passed the test. Thanks for helping me with this. You showed me how to use the systematic approach to problem solving. I tend to skip steps, take short-cuts, not write down the givens, and get a bit lost in solving. Your approach will be a great benefit in my future.

Ron Newman, PE
Shell Exploration & Production

I highly recommend Bob Katin's Chemical Engineering PE review course. I found it very worthwhile to fly up to the Bay Area from Los Angeles for 6 Saturdays to attend class. Bob distilled and taught the important concepts with hands-on examples, which was useful to both pass the test and to gain a better understanding of chemical engineering. Class materials prepared by Bob were very helpful for studying and in the exam.

Nicole Blute, PhD, PE
Senior Project Engineer
Malcolm Pirnie
Los Angeles

My current job does not require the use of in-depth ChE principles. However, the theory and basic principles and reference material does apply and thus, will be useful to me in Environmental Health & Safety or Quality Systems Engineering for a Semiconductor Manufacturer. I feel confident that I can learn, perform and deliver on the topics and subjects that are reviewed in your correspondence course and thus would feel comfortable entering a job field that required one or more of these in-depth ChE principles. There are many Chemical Engineers within my organization that have not received their PE.

I will gladly pass on your contact information to benefit both you and the individual pursuing their PE licensure.

Jennifer Smith, PE
X-FAB
Texas

I have some good news for you. I got notified today that I have passed my PE exam. I would like to sincerely thank you for my success in the PE exam because you played a significant role in my success. Your class gave me both the materials and confidence to pass this exam. Thank you for spending your time teaching our class; your style of teaching immensely helped me in understanding the curriculum and thus passing the exam.

Thanks,
Bhupinder Sahota, PE
Sanitary Engineer
CA Drinking Water Program
Stockton

I passed the October exam!!! Your class and notes helped tremendously. Thanks for everything.

Lesley E. Crowell
Air Resources Engineer
Sustainable Transportation Technologies Branch
Mobile Source Control Division
California Air Resources Board
Sacramento

It is my happy duty to report that I received a notice two days before Christmas that I had passed the ChemE P.E. exam here in Connecticut. Your review course as a correspondence class was very helpful. I brought your material into the exam. Practical information, and your review course's approach, was instrumental in my getting through the exam. I finished early, and felt confident about how I'd done. Thanks again for your help. If you are ever in Connecticut, please don't hesitate to look us up.

Very Best Regards,

Ed Everett, PE
Senior Engineer
American Nuclear Insurers
Connecticut

Thanks Bob for your help. I will definitely recommend your class to my colleagues. My one-hour commute from Sacramento was really worth every minute to attend to your class. You were right that there is no silver bullet in passing the PE exam but preparation and practice - especially in my case, it has been 26 years since I graduated Chemical Engineering from the Philippines. I knew it was very tough for me learning again especially on sunny Saturdays when everybody's enjoying the weekend. But you kept us alert all day with your individual question and answer technique. The visual aids really stick to my

mind! Thank you for your help and more power to you. I did pass the PE exam last October and of course your class was of great help especially as I do not have any hands on experience in "mass transfer" operations. I thank you for sharing your knowledge and experience in Chemical Engineering. I will definitely recommend your class to anyone interested in passing the ChemE PE and/or needing a refresher in chemical engineering principles.

Best regards,
Leo Sarmiento, P.E.
Water Resources Control Engineer
State Water Resources Control Board
Sacramento

Bob--Thank you for sending out your ChE Principles correspondence course in such a short time-frame. I completed each of the modules and was ready for the PE exam. I'm extremely happy with the course as both a study aid for the PE exam and also as a reference source for the rest of my career. I passed the PE Exam. I could not have done it with out your class.

Michael Wagner, PE
Environmental Engineer
Gannett Fleming
New York

My job uses the type of information you reviewed in this chemical engineering principles refresher class all the time. Learning this course material allows me to work better with process engineers. I intend to move into advanced process control engineering. I believe this course is of value to all process control engineers.

Gavin Gill, PE
Clorox
Pleasanton

Mr. Katin,

I took your chemical engineering principles refresher course as a correspondence course. I sent you e-mails of my solutions, and you marked them up to show where I made my mistakes. Thank you again for your review course. It helped me tremendously in the morning section, as I figured I correctly answered 33 to 36 correctly out of 40. The afternoon had numerous reactor design and kinetics questions. I had difficulty in undergrad with this section. I had to guess on about 10 out of 40 questions in the afternoon session of the PE exam. I can't imagine taking the test without a resource like your book. Again, great book! I passed the exam! I wanted to thank you for your class. I couldn't have passed without it!

Evan Taulbee, PE
Project Engineer
Verantis Corporation
Environmental Solutions Group
Ohio

I took Bob's ChE Principles Refresher class, and I passed the EIT/FE exam with ease. Bob's policy is you can re-take his class at no additional cost. So I took his class a second time, a few years later just before taking the PE exam. I passed the PE exam with ease. So did my study partners. Remember it's better to work smarter not harder. Check out Bob's class.

Good luck,

Sean Tobin P.E.
Chemical and Engineering Consultant
Integrated Engineering Services
Santa Clara

I took a PE Refresher class at a Berkeley site. The class was VERY theoretical. Fortunately, based on the studying I did on my own, I was able to pass the ChE PE exam. Later after earning my ChE PE, I took Bob Katin's class. It was extremely practical. Every class, Bob passed around parts to help understand the internals in components that we studied about in college, including fluid flow (piping, fittings, tubing, different metallurgy, different wall thickness, valves and when to use each), pump parts, compressor parts, heat exchanger parts, instruments, and mass transfer components (structured packing, random dump packing, and trays). Bob shared real life experiences to help attendees learn basic design rules of thumb and pothole problems to avoid. Bob's teaching style is conducive to learning. His one-on-one interaction gives engineers confidence in their knowledge of chemical engineering principles. Bob's class has helped me become a better design engineer.

Chris Towels, PE
Senior Process Engineer
Stantec
Walnut Creek

Bob Katin's Chemical Engineering PE class is a straight forward and high energy review of the principles and practices of the profession. It is a valuable tool not only in preparation for the Professional Engineering exam, but it a practical application review of the breath of engineering problem solving that strengthens and solidifies an engineer's understanding of the complexities of the profession.

I am a 25 year Controls Systems PE (instrument engineering), and needed to refresh some of the rusty parts of my chemical engineering knowledge. I learned more and dusted off the cobwebs in areas that refreshed and reinforced my passion for the profession. Bob stays very practical, but quickly insures that his technical approach is well based in the traditional first principles approach that we all were trained from school.

His knowledge of the plant and the real world examples of design solutions to complex problems is an example of how engineers should have that type of knowledge top of mind for more effective and value adding contributions to the overall engineering effort.

Bob mixes some hard work, with an open and energetic teaching style. He makes committing Saturdays in the spring well worth the time, and he becomes a mentor and guide for a varied group of people increasing their knowledge and value in the field.

Bob's course is outstanding, and actually, chemical engineers should take his course whether going after their PE or not.

Marc Privitera, PE
Eichleay Engineers
Concord

Thank you for your chemical engineering principles refresher course. I took it as a correspondence course from New York. The practice problems in the thermodynamics, fluid flow, pumps, and instrumentation modules really helped me solve the PE exam problems. Your emphasis on ensuring that every step was clearly outlined for solving each problem came in quite handy during the exam, when it became second-nature to do so.

Even via correspondence, the concepts were well-presented in each module and were easy to understand. Because of your course, I passed the PE Exam on my first attempt! Thanks again!

Sincerely,

Alexander Ho, PE
Manufacturing Engineer
Pall Corporation
New York

I highly recommend taking Bob Katin's Chemical Engineering PE review course. This was my second time taking the PE exam, and I knew I needed to take a course where I could freely ask questions. I am located in West Virginia and I took the class as a correspondence course. The material provided was very helpful, especially on exam day. It had a lot of reference tables, and short cut formula's that made it effective and efficient on exam day. It was helpful for me for that the ten modules in Bob's correspondence course had practice questions which provided a problem statement and the answer, but not the solution. That way it forced me to work through the problem if I got stuck (and not skip to the solution, as other material I tried using). When I had questions on the material, Bob was available via phone calls to answer the call, and we would not end the conversation until I understood the material. Taking Bob's correspondence course was a good use of my time and I highly recommend the course.

Thank you so much!

Karen M. Benner, P.E.
Corrosion Engineer
Dominion Transmission, Inc.
Clarksburg, WV

Bob Katin's class on Chemical Engineering provides the concepts needed to pass the Chemical Engineering Professional Engineering Exam. I have worked for the State of California for over 20 years. Unfortunately, I have not worked in industry, so I lack the hands on knowledge of chemical engineering. By taking Bob's class, I mastered the concepts of Chemical Engineering

and with an adequate amount of self-study to solve problems in Bob's ten modules, I passed the Chemical Engineering P.E. exam.

Bob Katin's course teaches practical and theoretical applications of Chemical Engineering. There are even hands-on examples of equipment passed around in the class. Bob Katin finds the areas where you need the most work and encourages his students to conquer their challenges. Bob Katin is willing to entertain questions during the class for greater understanding.

Robert E. Weller, P.E.
Air Resources Engineer
California Air Resources Board
Sacramento

Hi Bob,

I just wanted to let you know that I passed the PE exam. My goal was to prepare for the P.E. and your class did an outstanding job preparing me for the exam. Your class provided me practical information about equipment that was not covered in college. Because I do not work in a field directly related to the chemical engineering field, I lacked the "real world" experience in the field. You had asked me to send you a copy of the 2011 practice exam to provide your future classes as an example of problems they might see in the PE Exam. I think you should NOT give that to your class. The 2011 practice exam was extremely hard; I got about 20 out of 80 correct. It made me panic and it would likely do the same to your future students. It was also not very representative of the actual exam. Your class problems, on the other hand, were representative of questions on the PE exam. Taking your class allowed me to pass.

Jagmeet Khangura, PE
Black & Veatch
Renewable Energy Consultant

I am really grateful that I took the review class with Bob, I am not quite sure I would have known how to study had I not taken it. I am so glad that I took this course! I was nervous about taking the exam when I tried studying on my own at first. Bob's class gave me the structure I needed to feel more confident about passing the exam. The review questions that Bob gave us were very straightforward, and once I practiced them on my own, I was reminded of all the things I learned in school. I was also more able to understand more complex questions. I definitely think I would have wasted a lot of time and would have been stressed out if I did not take Bob's course. I really don't think I could have done it without Bob's class. I gained so much out of this class that I feel fulfilled by the experience. In addition, the class was a lot of fun! I genuinely missed the camaraderie in the class once the course was over. If you take this class, you will not regret it! I have to make sure I keep Bob's binder of ten modules close at all times. I will use it as a reference book for the rest of my career.

Morayo Noibi, PE
Carollo Engineers

Thank You Bob for preparing us for the PE exam. I developed self confidence by taking your class. I did well on Reynold's Number calc, Bernouli, mass balance / heat transfer / thermo / reactors / kinetics. Practicing the calcs really helped. Thanks again for your Prep Class. I would not have passed without it.

Best Regards,

Andrew Fortunka, PE
Andrew G Fortunka Consulting

Hi Bob,

I hope you're doing well. Thanks for putting together such a useful class. I took the FE exam in April and passed. I felt that your class was great preparation for it. I mention your class to a lot of ChemE's, especially fellow alums of Stanford, and am planning to send a note to a group of recent graduates that I coached for a project this spring to provide more details about your class. Since you offer that we may re-take your class for free, I'll take it again prior to taking the PE exam.

Best,
Andy Dow, EIT
E&J Gallo Winery

Hi Bob,

Just wanted to take the time to thank you once again for your professionalism and expertise in conducting the refresher classes we completed yesterday. It was an excellent learning experience, especially for me, as a degreed mechanical engineer, having somewhat more limited background in the academic aspects of the ChemE program. Your real-world examples and detailed, hands-on approach to the understanding of the construction of the equipment and systems were most enlightening. I also appreciated the manner in which you encouraged full student participation with "passing the baton."

Thanks again,

Brent Kelson
Senior Process Engineer
Ampac Fine Chemicals

I started taking this class as a correspondence in Ohio. I found that the ease in which Bob explained the material and his use of practical illustrations to be quite helpful. This encouraged

me to attend the class in person, as I believe that being in a class room environment would further enhance my knowledge of the required material.

The manner in which the class was presented was excellent. This class was taught in a very practical and hands-on manner, unlike the other classes I had researched. This approach was instrumental in helping me retain the extensive information that is required to pass the PE. I was able to quickly recall stuff rather than relying on the text which saved a lot of time in the exam. The plant design section of the test is worth 20%. After failing the exam a few times, I've found that it is difficult to achieve a passing score if you score poorly in this section. Bob's class assisted me a lot in this area because he provided material, scenarios, and troubleshooting techniques, such as pump start-up and troubleshoots, packing types and effectiveness that are not covered or covered in limited detail in the text. These types of questions are usually asked in the exam.

Bob has a great personality, one that genuinely cares and is interested in the success of all his students. He was always available and willing to assist me in whatever questions I had regarding the materials covered. I sincerely appreciated that. His attitude also fostered a really great classroom environment to learning, and helped me increase my confidence in knowledge of the material.

I cannot say enough to emphasize the importance of this class. The material was presented in a simplified yet effective manner that helped me to understand and retain much more. I passed the exam and I am now a registered PE in the state of Ohio. I believe attending this class was a great investment. I would absolutely recommend it to anyone who wants to pass the PE exam or simply want to refresh their knowledge in Chemical Engineering.

Abigale Antoine, PE
Chester Engineers
Columbus, OH

Bob's class helped me learn the fundamentals that I was supposed to learn in school. I feel like I now have been taught the real world applications to all the theory I got in school. I felt very prepared for my PE exam and would recommend Bob's class to anyone hoping to pass the exam.

Dan Lafontaine, PE
Project Manager
Apex Envirotech, Inc

I graduated from college over 13 years ago. Since college, I have been in Sales, which was totally unrelated to chemical engineering. I basically forgot everything about chemical engineering. I studied both NCEES and PPI sample problems by repeating them about 3 to 5 times. With self study, NCEES sample problems and PPI sample problems, I failed the PE exam twice. I realized that I needed some additional help. I took Bob's class and he helped me understand how to think like an engineer. I think Bob is a talented instructor; he doesn't just teach engineering principles but also teaches you engineering thinking techniques. Initially I thought that since I live in SoCal, I would just take Bob's class as a correspondence class. I scanned my solutions and spent hours over the phone reviewing my mistakes with

Bob. Although I solved most of the problems in all ten modules over the phone with Bob, before the in-person class started, he invited me to also participate with the in-person class. I live in Los Angeles and flew to Oakland all 6 consecutive Saturdays to attend his classes. The time and expenses I had to pay for his modules and travelling definitely paid off. I benefited from his classes not just for help on the PE exam but also for my life as an engineer. Besides, now, I am a licensed professional engineer!

Sincerely,
Michael Lee, PE
Environmental Engineer Associate
City of Los Angeles

I wanted to get back to you and provide some feedback on your ChemE PE refresher course. I took your course in March 2012 and took the PE exam in October 2012. I was notified in late December that I passed the PE exam. What a great Christmas present! I have to say that I could not have passed the exam without first taking your course. I tried to study on my own years ago using a purchased self-study manual, but was overwhelmed with the quantity of materials and the complexity of the sample problems that they provided. They were way too difficult for what could be expected during an 8-hour exam using only a basic function calculator. After a few weeks attempting to study using this method I gave up and did not expect that I would ever get my PE license. After years of receiving your emails regarding your ChemE PE Refresher Course, I caved and signed up for your course. I wanted to let you know that your course reminded me enough of the “basics” to be able to study effectively for the PE exam. During your course, I studied for approximately 20 hours per week (reading and doing the practice problems for each unit). After your course, I used your course materials as my core information reference document. I also utilized the supplemental practice exams that you provided to us, to prepare for the test and found them to be very helpful. The practice exams were difficult and some of the problems were way too difficult for an 8-hour test; however, many of the problems taught me additional concepts, or helped me solidify concepts your taught in class. I added these new concepts (and any additional formulas learned) to your course material workbook; I am very glad that I used the practice exams as additional study material. Using your course materials, and the information/formulas that I added to your course materials from the practice exams, I felt very confident going into the PE exam. Thank you for providing such a course, thank you for your encouragement and thank you for your enthusiastic manner of teaching!

Mike Waller, PE
Senior Engineer
Ashworth Leininger Group

I took Bob's class to better prepare for the ChE PE exam. I took the exam in October 2012 and passed it. I appreciated having Bob's ten modules in a binder to refer to during the exam. I also appreciated the class setting; interacting with others was key in my opinion. Since I don't work in a plant, Bob providing physical examples of items found in a plant (e.g. heat exchangers, centrifugal pump parts, compressor parts, instrumentation, different types of valves, pipe fittings, different piping wall thickness, different gauge and metallurgy tubing, etc.) was essential in attacking the plant design portion of the exam. Bob's course will definitely help anyone get focused on preparing for the exam and passing it.

Neil Thompson, PE
Sr Product Development Engineer
Advanced Biologics, LLC

I will certainly mention your course to anyone I hear of pursuing a PE in Chemical Engineering. I think the commute from south to north each week while daunting and expensive was, overall, worth it. I liked your style of going around the room and engaging each of us on the material being covered that day. This helped solidify the concepts you were covering plus you made this quite enjoyable. Much of what you covered I already knew on some level from my experience but some of it was material that I had not used since my undergrad days, so it was really insightful seeing it applied to problems you had experienced in your career which are just as applicable in my plant.

I worked a great number of problems from the practice exams you distributed. For me the message in order to be prepared as much as possible, is to work problems, then work more problems and then work many more problems right up to a couple of days before the exam (take the day before the exam off). I know some take and pass the exam the week after your course but for me I was glad to take your class six months before the exam, and be able to take your class again, at no additional cost, just before the fall exam.

Once your next class starts you can tell them that I strongly recommend they come to class prepared by being sure that they cover assigned material before hand to the extent possible. I know most everyone taking your class is also working and has family so it is difficult to juggle all three but to get the most out of it they need to spend the time before you cover it. Most always you can find a few hours each week to prepare no matter what your schedule or commitments. I was amazed during the course the number of times it was apparent in going around the table that one of us had not done any of the prep work before hand.

Finally, I need to especially thank you for encouraging me to pursue my PE license. I had been receiving your e-mails on the refresher class for years and had always wanted to earn my PE but it wasn't until we talked over the phone back in February that you convinced me I could do this. Thank you once again!

Terry O'Bar, PE
FCC Asset Coordinator
BP Carson Refinery

I want to express my great appreciation in assisting me in jumping the hurdle of becoming a professional engineer. Without your class and pertinent study material I

would not have been prepared to meet the challenges of the exam. The long commute from Los Angeles to Walnut Creek was well worth it. Again, thank you for being a part of my journey in passing the ChE P.E. exam.

ThuVan T. Ho, P.E.
Bureau of Sanitation
Los Angeles

I took Bob Katin's Chemical Engineering principles class prior to taking the spring PE exam. I remember Bob talking about it at the AIChE meetings back when I was in college at UC Davis so I decided to look him up and take his class. I learned a lot about chemical engineering by attending his class and solving the problems in his modules. During the PE test, Bob's modules were by far the most useful tools that I had with me. The modules are easy to navigate and the useful equations were all located conveniently at that end of each chapter. Thanks to Bob's class, I was able to take the PE exam with confidence and pass it on the first attempt. I highly recommend his class for anyone looking to brush up on chemical engineering or to prepare for the PE exam.

Thank you.

Daniel Luk, P.E.
Associate Engr
Barnum Mechanical Inc

Hi Bob:

I just wanted to let you know that I passed the PE exam.

Thank you for teaching an excellent course, and laying the foundation and giving me the belief and confidence that I could pass this test. Maybe the path wasn't exactly a straight line for me, but I was able to persevere, and doing so helped me a lot in re-learning the fundamentals of chemical engineering. I honestly referred to your excellent notes quite a bit during the exam.

Thanks again

Phil D. Welker, PE
Environmental Engineer/Associate
GeoEngineers, Inc

A colleague recommended that I take Bob Katin's ChE Principles Refresher Class, as a relatively new engineer in industry. His class helped me tremendously in my career as the class reinforces a lot of the PRACTICAL engineering principles with real life applications. Also, the class

taught me a lot about engineering ‘rules of thumb’ that are very helpful but just are not taught in college. The class helped me bridge the gap between the theoretical college side, and the hands on practical engineering side, that I think most college grads struggle with. The practical approach to solving problems has helped me tremendously in my day to day tasks at my job. Not only did I learn to think as an engineer, solving everyday problems in my plant, I also passed the PE exam on my first try! I cannot thank you enough, Bob!

Ben Feckler, PE
Ingredion, Inc

I took Bob Katin's Chemical Engineering principles class prior to taking the spring PE exam. I remember Bob talking about it at the AIChE meetings back when I was in college at UC Davis so I decided to look him up and take his class. I learned a lot about chemical engineering by attending his class and solving the problems in his modules. During the PE test, Bob's modules were by far the most useful tools that I had with me. The modules are easy to navigate and the useful equations were all located conveniently at that end of each chapter. Thanks to Bob's class, I was able to take the PE exam with confidence and pass it on the first attempt. I highly recommend his class for anyone looking to brush up on chemical engineering or to prepare for the PE exam.

Thank you.

Daniel Luk, P.E.
Associate Engr
Barnum Mechanical Inc

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Thanks again

Phil D. Welker, PE
Environmental Engineer/Associate
GeoEngineers, Inc

Bob,

I took the PE preparation course as a correspondence class in 2013. Living in Los Angeles with my wife in medical school and a young child, I could not attend the classes in person. Studying

during my lunch hours and on weekends I was able to work thru all of the modules of the class and practice problems.

I found all of the study modules and questions to be based on typical questions you would see on the test.

If I was unable to solve a problem myself I could electronically scan my work and email the question to another person taking the course or to you, Bob. Usually you responded within 24 hours with a tip as to what I did incorrectly.

By taking your class I felt comfortably prepared for the PE Exam on test day. Your correspondence course only covered Chemical Engineering topics that would be tested and did not cover areas that would not be tested. Instead of being worried about whether or not I would pass the PE Exam it was more of a matter of showing up on test day and getting it done.

On test day I brought with me Perry's, the CRC Handbook, and notebooks with your modules, which included problems, and solutions covered in the class. Compared to other test takers I had 50% less books. This allowed me to quickly access reference material during the test, from your modules.

As a project manager and engineer in a refinery I use your fluid flow module on a weekly basis to quickly perform rough hand calculations to help scope projects. (i.e. Flow rates, velocities, pipe lengths, pressure drop). I find that being able to perform these calculations in a matter of minutes improves my credibility as a process engineer.

Thanks for offering your class , which allowed me to get my PE!

Sincerely,

Adam M. Strength, PE

Project Development Lead
Torrance Refinery Capital Projects
ExxonMobil Refining & Supply

Bob,

Thank you! I can't think of any other Chemical Engineers in California but I will certainly recommend your class whenever I can.

I studied Chemical Engineering in College, however, I have spent the last 5 years working in the Environmental Engineering field, as a consultant, doing paper studies. Your refresher class not only got me back in the swing of solving Chemical Engineering problems but the passing around of valves, piping & tubing, pumps, compressors, heat exchangers, instruments and column parts gave me the practical knowledge I never received in college nor where I worked as an

environmental consultant. Thanks to your class, I was able to pass the Chemical Engineering PE Exam on the first attempt!

Thanks again and hope to keep in touch.

Eric Fitz, P.E.
Staff Environmental Engineer
TRC Environmental Solutions

Hello Bob,

Thanks for taking the time to come to Rancho Cordova and train us on your practical chemical engineering principles at AMPAC Fine Chemicals in our plant, during the normal working day. It's good to see industry applied issues and concepts in a classroom setting. Not everyone takes the time during a typical work day to explain how things work. The most important thing I learned from your class was Distillation. College did not cover the practical engineering details an engineer needs to know. You helped me bridge the gap and understand how to convert engineering concepts to "operator speak" to get my changes implemented by the hourly folk. Your class also helps me troubleshoot malfunctioning processes and equipment. I expect taking your class will help me to become a resourceful manager.

Sincerely,

Jacob Stover
Process Engineer
AMPAC Fine Chemicals

Bob,

Thanks again for all your help and patience. I am enjoying working through this material slowly but surely. It's actually pretty amazing that as an undergrad you aren't exposed to simple things like the difference between tubing and piping. It reminds me of an article that was recently published in AIChE, "How Well Are We Preparing ChE Students for Industry?":

Most engineering professors are involved in research and don't have an industry background. So, there appears to be a bit of a disconnect between the theoretical material we are fed in college and the practical chemical engineering we need to work in industry.

I do regret not taking your course in person, but there is always the spring course and I will continue to slug through the course material in the meanwhile, on my own, as a correspondence course, from Maryland. I was impressed the way class attendees sent me e-mail attachments, of solutions that you put on the white board. I have enjoyed learning the practical portions of chemical engineering that I never received in college. Thanks for spending time reviewing my solutions that I sent you as e-mail and taking the time to review additional details over the phone with me. The one-on-one tutorials have been great.

Kevin Poff
U. S. Army Aberdeen Proving Grounds
Maryland

Hello everyone,

I attended Bob's ChE Principles Refresher class last year after being out of school and not applying much of my Chemical Engineering education for the last 25 years. During the six weeks of class, Bob was able to simplify and apply all that I learned in school in practical terms. It's best to attend in person for the props/equipment Bob brings to class and for stories from his real life work experiences in the field. It is like you're walking alongside him looking at the same problem and solving the problem. With his passion and wealth of field experiences, Bob has a gift for explaining and describing what he saw and what he did very logically and simply.

I have to admit I did miss one session but thanks to the comrades of being in a group and learning together, I received notes from my classmates. It is very much similar to what occurred between Bob's Saturday classes; we had email exchanges. So, thank you Gary for taking the lead and sharing your notes! And, thank you Kevin for your enthusiasm and motivation!

I took the class to review my engineering skills in general and to help with new projects in my job. But after the class I am confident I can pass the PE exam. It's just the matter of buckling down and working on the problems and turning in my application which I am working on for the October exam.

Bob, I really appreciate that you allow us to re-attend all six Saturday classes for free, after paying for the first set of classes. Due to changes at work, I will be relocating to another office area next month. I will be in full swing for my October exam and look forward to attending your review sessions in October. Please save a seat for me.

Thank you and best wishes to everyone!

--Kim

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