

October 2018 - Thermal & Fluids PE Exam RESULTS Survey

A survey that compares the pass rate to with your total number of study hours and references used during the exam.

Just a friendly reminder, you cannot disclose the actual exam (problems or solutions).

First Name *

Michael

Company Name *

FENOC

Did you pass the PE exam? *

Yes

No

Other: _____

If you did not pass the exam, then what was your score out of 80? (____ / 80)

How many hours did you study for the exam? *

- 0 to 100 hours
- 101 to 200 hours
- 201 to 300 hours
- 301 to 400 hours
- 401 to 500 hours
- More than 500 hours

How many years of engineering experience did you have at the time of the exam in the fields tested by the exam? *

- Less than 2 years
- 2 to 3 years
- 3 to 4 years
- 4 to 5 years
- More than 5 years

Which references do you recommend for the exam? *

Personal study notes and cheat sheets

NCEES sample exam

Engineering Pro Guides

MERM

ASHRAE Systems

ASHRAE Equipment

ASHRAE Refrigeration

ASHRAE Fundamentals

6 minute solutions

College Thermodynamics book

College Fluids book

Other: _____

What do you wish you knew before you started studying? *

The importance of practice exams. _____

What do you wish you practiced or studied more? *

Compressible flow. _____

Additional comments or words of advice for future test takers? *

Take practice exams!

If you purchased an Engineering Pro Guides product, please leave a review for the Engineering Pro Guides material. Any suggestions on how to improve or comments on what you liked and what you didn't like will be very helpful.

The practice exam accurately reflected the actual exam's level of difficulty, but was probably too focused on power cycles.

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First Name *

Allison

Company Name *

McDermott

Did you pass the PE exam? *

Yes

No

Other: _____

If you did not pass the exam, then what was your score out of 80? (____ / 80)

How many hours did you study for the exam? *

- 0 to 100 hours
- 101 to 200 hours
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- Less than 2 years
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- 3 to 4 years
- 4 to 5 years
- More than 5 years

Which references do you recommend for the exam? *

- Personal study notes and cheat sheets
- NCEES sample exam
- Engineering Pro Guides
- MERM
- ASHRAE Systems
- ASHRAE Equipment
- ASHRAE Refrigeration
- ASHRAE Fundamentals
- 6 minute solutions
- College Thermodynamics book
- College Fluids book
- Other: Slay the PE practice exam

What do you wish you knew before you started studying? *

I received a lot of advice, which was helpful. I dug right into solving problems instead of simply reading the study materials. It helped me understand how the solution applied to the problem. In retrospect, I think I would get more practice tests to work on more unique problems instead of working the same 3 tests multiple times.

What do you wish you practiced or studied more? *

Compressible fluids and Mach numbers

Additional comments or words of advice for future test takers? *

Practice solving problems as much as possible, but take the time to understand the concepts behind the solutions. Don't simply memorize the method or you won't be able to adapt the solution to a differently worded problem.

If you purchased an Engineering Pro Guides product, please leave a review for the Engineering Pro Guides material. Any suggestions on how to improve or comments on what you liked and what you didn't like will be very helpful.

I thought the Engineering Pro Guides practice exam was very helpful. It was on the easier side, in line with the NCEES practice exam. I felt it was a good tool to help with getting a feel for what I should be able to solve in 6 minutes. The actual exam had some questions at a similar level of difficulty but also several harder questions that took more time for me to solve. I felt like the actual exam was harder than both the NCEES practice exam and the Engineering Pro Guides practice exam.

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First Name *

Riley

Company Name *

Power engineers

Did you pass the PE exam? *

Yes

No

Other: _____

If you did not pass the exam, then what was your score out of 80? (____ / 80)

42

How many hours did you study for the exam? *

- 0 to 100 hours
- 101 to 200 hours
- 201 to 300 hours
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- 401 to 500 hours
- More than 500 hours

How many years of engineering experience did you have at the time of the exam in the fields tested by the exam? *

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6 minute solutions

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College Fluids book

Other: _____

What do you wish you knew before you started studying? *

Na _____

What do you wish you practiced or studied more? *

Na _____

Additional comments or words of advice for future test takers? *

Na

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First Name *

Chris

Company Name *

Frontier Energy

Did you pass the PE exam? *

Yes

No

Other: _____

If you did not pass the exam, then what was your score out of 80? (____ / 80)

How many hours did you study for the exam? *

- 0 to 100 hours
- 101 to 200 hours
- 201 to 300 hours
- 301 to 400 hours
- 401 to 500 hours
- More than 500 hours

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- Less than 2 years
- 2 to 3 years
- 3 to 4 years
- 4 to 5 years
- More than 5 years

Additional comments or words of advice for future test takers? *

Do practice problems in both metric and US units as much as possible. Make a formula sheet of formulas you use with the practice problems and you will be all set.

If you purchased an Engineering Pro Guides product, please leave a review for the Engineering Pro Guides material. Any suggestions on how to improve or comments on what you liked and what you didn't like will be very helpful.

I liked that this guide was a great base to build on. There are a lot of topics in this guide, and it doesn't go into a ton of detail on them, but it gives you a solid base to start with and after reading through this, I would say do as many practice problems as you can, and you should pass the test.

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First Name *

John

Company Name *

N/A

Did you pass the PE exam? *

Yes

No

Other: _____

If you did not pass the exam, then what was your score out of 80? (____ / 80)

How many hours did you study for the exam? *

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6 minute solutions

College Thermodynamics book

College Fluids book

Other: Thermal & Fluids Reference Manual

What do you wish you knew before you started studying? *

That this exam also tests your endurance, not just technical skills. Make sure you can prepare for and handle 8 hours of extreme focus in a day.

What do you wish you practiced or studied more? *

More HVAC questions

Additional comments or words of advice for future test takers? *

Understand the main concepts, then do as many practice problems as possible. Talk to as many past test takers for their insight and advice.

If you purchased an Engineering Pro Guides product, please leave a review for the Engineering Pro Guides material. Any suggestions on how to improve or comments on what you liked and what you didn't like will be very helpful.

No thanks

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First Name *

Dan

Company Name *

Frontier Energy

Did you pass the PE exam? *

Yes

No

Other: _____

If you did not pass the exam, then what was your score out of 80? (____ / 80)

How many hours did you study for the exam? *

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College Fluids book

Other: _____

What do you wish you knew before you started studying? *

Difficulty level of exam questions. _____

What do you wish you practiced or studied more? *

Taken more practice tests / imitated 8 hr exam - the length of the test was the most difficult part. _____

Additional comments or words of advice for future test takers? *

Make sure you understand the concepts, and can also apply them / answer the questions in a timely manner.

If you purchased an Engineering Pro Guides product, please leave a review for the Engineering Pro Guides material. Any suggestions on how to improve or comments on what you liked and what you didn't like will be very helpful.

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First Name *

Drew

Company Name *

Westinghouse

Did you pass the PE exam? *

Yes

No

Other: _____

If you did not pass the exam, then what was your score out of 80? (____ / 80)

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College Fluids book

Other: School of PE notes

What do you wish you knew before you started studying? *

Study to the exam, the questions are relatively straightforward

What do you wish you practiced or studied more? *

More practice problems is always good but the expense is high.

Additional comments or words of advice for future test takers? *

Take the practice exams multiple times, as many practice exams as possible

If you purchased an Engineering Pro Guides product, please leave a review for the Engineering Pro Guides material. Any suggestions on how to improve or comments on what you liked and what you didn't like will be very helpful.

The practice exam was useful, similar in difficulty to the exam, and well priced

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First Name *

Adam

Company Name *

Black & Veatch

Did you pass the PE exam? *

Yes

No

Other: _____

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College Fluids book

Other: _____

What do you wish you knew before you started studying? *

I wish I wouldn't have wasted time with the PPI material. I also wish I would have started with Dr. Tom's Classroom because it provided a good basis for understanding to someone who hasn't been exposed to as much engineering.

What do you wish you practiced or studied more? *

HVAC

Additional comments or words of advice for future test takers? *

Start with Dr. Tom's Classroom if you are unfamiliar with the PE material. Then focus on NCEES practice exams and Engineering Pro Guides.

If you purchased an Engineering Pro Guides product, please leave a review for the Engineering Pro Guides material. Any suggestions on how to improve or comments on what you liked and what you didn't like will be very helpful.

I thought Engineer Pro Guides was very similar to the exam. It was very help to use as a practice test along with the NCEES practice exams. The only improvement I could suggest would be to make sure all solutions are clear to where the numbers came from. Some solutions had formulas for values from a table and it was hard to understand where they came from.

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First Name *

Mallory

Company Name *

Hargrove

Did you pass the PE exam? *

Yes

No

Other: _____

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Which references do you recommend for the exam? *

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ASHRAE Equipment

ASHRAE Refrigeration

ASHRAE Fundamentals

6 minute solutions

College Thermodynamics book

College Fluids book

Other: _____

What do you wish you knew before you started studying? *

The preparation is so overwhelming. HAVE A PLAN and stick to it.

What do you wish you practiced or studied more? *

Cycles, cycles, & more cycles

Additional comments or words of advice for future test takers? *

Relax and have confidence going into the exam.

If you purchased an Engineering Pro Guides product, please leave a review for the Engineering Pro Guides material. Any suggestions on how to improve or comments on what you liked and what you didn't like will be very helpful.

Fantastic review, but I recommend more in depth into each individual thermo cycle components (turbines, compressors, etc.). More complex problems too! Overall, the guide helped me tremendously!

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First Name *

Mike

Company Name *

EBMUD

Did you pass the PE exam? *

Yes

No

Other: _____

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How many hours did you study for the exam? *

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Which references do you recommend for the exam? *

Personal study notes and cheat sheets

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ASHRAE Fundamentals

6 minute solutions

College Thermodynamics book

College Fluids book

Other: _____

What do you wish you knew before you started studying? *

The NCEES sample exam has many errors

What do you wish you practiced or studied more? *

Water hammer

Additional comments or words of advice for future test takers? *

The practice guides all had errors or ambiguity that made studying frustrating. The actual test had none of this and only had straight forward questions. If you can struggle through the practice exams, you'll do fine on the actual test.

If you purchased an Engineering Pro Guides product, please leave a review for the Engineering Pro Guides material. Any suggestions on how to improve or comments on what you liked and what you didn't like will be very helpful.

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First Name *

Josh

Company Name *

None

Did you pass the PE exam? *

Yes

No

Other: _____

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ASHRAE Fundamentals

6 minute solutions

College Thermodynamics book

College Fluids book

Other: _____

What do you wish you knew before you started studying? *

Do as many problems as possible, even you redo the same ones over and over.

What do you wish you practiced or studied more? *

Cycle problems.

Additional comments or words of advice for future test takers? *

Do as many problems as you can, and repeat those problems.

If you purchased an Engineering Pro Guides product, please leave a review for the Engineering Pro Guides material. Any suggestions on how to improve or comments on what you liked and what you didn't like will be very helpful.

Everything was easy to understand and very helpful, just a few typos.

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First Name *

Khaled Abdel-Rahim

Company Name *

Ajinomoto Foods.

Did you pass the PE exam? *

Yes

No

Other: _____

If you did not pass the exam, then what was your score out of 80? (____ / 80)

How many hours did you study for the exam? *

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Which references do you recommend for the exam? *

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ASHRAE Fundamentals

6 minute solutions

College Thermodynamics book

College Fluids book

Other: _____

What do you wish you knew before you started studying? *

That you'll hit a wall about an hour into the second half of test and need to be ready to push through.

What do you wish you practiced or studied more? *

A couple of more practice tests rather than reading the concepts as much.

Additional comments or words of advice for future test takers? *

Start taking practice tests early in the process (2 months before), mimicking the real life test situation (40 problems in 4 hours) . You'll most likely struggle with the first one but go through each problem you didn't know, work through the solutions, figure out why you take the steps you take, and write them down. Keep these as notes that you can bring to the test.

Also, bring a separate psychometric chart. The one in the MERM is a pain to read, and I wasted way too much time flipping back and forth between the test questions and the chart in the back of the test.

If you purchased an Engineering Pro Guides product, please leave a review for the Engineering Pro Guides material. Any suggestions on how to improve or comments on what you liked and what you didn't like will be very helpful.

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First Name *

Jignesh

Company Name *

Shell

Did you pass the PE exam? *

Yes

No

Other: _____

If you did not pass the exam, then what was your score out of 80? (____ / 80)

How many hours did you study for the exam? *

- 0 to 100 hours
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- MERM
- ASHRAE Systems
- ASHRAE Equipment
- ASHRAE Refrigeration
- ASHRAE Fundamentals
- 6 minute solutions
- College Thermodynamics book
- College Fluids book
- Other: Engineering Pro Guide Practice Exam

What do you wish you knew before you started studying? *

Do NOT try and study the MERM chapter by chapter. It will undoubtedly overwhelm you. The MERM is a reference document, not a study guide. I also wish I knew about Eng Pro Guides before starting to study. They accelerated my studying progress significantly.

What do you wish you practiced or studied more? *

Refrigeration cycles. Many more problems on this topic showed up than I expected would.

Additional comments or words of advice for future test takers? *

This test and its associated preparation will not only challenge you intellectually, but also emotionally. Stay strong and focused throughout the process. Take the advice of folks like Justin who have already accomplished a great deal in this space. It's not wise to try and go through this alone.

If you purchased an Engineering Pro Guides product, please leave a review for the Engineering Pro Guides material. Any suggestions on how to improve or comments on what you liked and what you didn't like will be very helpful.

The Engineering Pro Guides undoubtedly were the difference between me passing and failing. The product is simply amazing and helped me become grounded on the fundamentals of what will be on the test. Supplement that studying with solving as many practice problems as possible, and you will set yourself up for success. The Eng Pro Guide Practice Exam was also a fantastic resource that I used. The problems were not too easy and not too difficult. They were just right, which is a stark difference from the confidence busting problems provided by Lindburg. The one thing I would of course improve would be the numerous small errors scattered throughout the pro guide, which I know you already track with your errata.

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First Name *

Ronald

Company Name *

Burns & McDonnell

Did you pass the PE exam? *

Yes

No

Other: _____

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- MERM
- ASHRAE Systems
- ASHRAE Equipment
- ASHRAE Refrigeration
- ASHRAE Fundamentals
- 6 minute solutions
- College Thermodynamics book
- College Fluids book
- Other: Conversion Booklet

What do you wish you knew before you started studying? *

Wish I would have understood the available resources and how to best prepare. The comprehensive MERM vs the topic concentrated version and a schedule. Also wish I knew about the various resources available.

What do you wish you practiced or studied more? *

chillers and psychometrics

Additional comments or words of advice for future test takers? *

Practice Exams are the best prep tool, UNITS, you won't need a ton of references and definitely find additional (more complete) tables (steam, mollier, etc.)

If you purchased an Engineering Pro Guides product, please leave a review for the Engineering Pro Guides material. Any suggestions on how to improve or comments on what you liked and what you didn't like will be very helpful.

while the NCEES practice exam was the best mock test, E-Pro Guides was next best. It also came with a good cheat sheet. I caught wind of it late and wish I would have had more time to take advantage of other products.

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First Name *

Gordon

Company Name *

Johnson Engineering

Did you pass the PE exam? *

Yes

No

Other: _____

If you did not pass the exam, then what was your score out of 80? (____ / 80)

45

How many hours did you study for the exam? *

- 0 to 100 hours
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ASHRAE Fundamentals

6 minute solutions

College Thermodynamics book

College Fluids book

Other: _____

What do you wish you knew before you started studying? *

How to better manage time _____

What do you wish you practiced or studied more? *

Timed problem solving. _____

Additional comments or words of advice for future test takers? *

Start early, be consistent, stay organized, and don't give up.

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First Name *

Cindy

Company Name *

LA METRO

Did you pass the PE exam? *

Yes

No

Other: _____

If you did not pass the exam, then what was your score out of 80? (____ / 80)

How many hours did you study for the exam? *

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- 101 to 200 hours
- 201 to 300 hours
- 301 to 400 hours
- 401 to 500 hours
- More than 500 hours

How many years of engineering experience did you have at the time of the exam in the fields tested by the exam? *

- Less than 2 years
- 2 to 3 years
- 3 to 4 years
- 4 to 5 years
- More than 5 years

Which references do you recommend for the exam? *

Personal study notes and cheat sheets

NCEES sample exam

Engineering Pro Guides

MERM

ASHRAE Systems

ASHRAE Equipment

ASHRAE Refrigeration

ASHRAE Fundamentals

6 minute solutions

College Thermodynamics book

College Fluids book

Other: _____

What do you wish you knew before you started studying? *

The complexity of the problems that would be on the test.

What do you wish you practiced or studied more? *

the variety of units that could be on the test. it would have helped me to have some sort of familiarity instead of figuring it out on test day.

Additional comments or words of advice for future test takers? *

Do the practice problems that accompany the MERM

If you purchased an Engineering Pro Guides product, please leave a review for the Engineering Pro Guides material. Any suggestions on how to improve or comments on what you liked and what you didn't like will be very helpful.

The practice test was pretty representative of what I saw on the exam. Consider including more combined power cycle questions and a weld question (which I was not prepared for when I saw it on the exam).

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October 2018 - Thermal & Fluids PE Exam RESULTS Survey

A survey that compares the pass rate to with your total number of study hours and references used during the exam.

Just a friendly reminder, you cannot disclose the actual exam (problems or solutions).

First Name *

Kay

Company Name *

Office of Conservation

Did you pass the PE exam? *

Yes

No

Other: _____

If you did not pass the exam, then what was your score out of 80? (____ / 80)

43

How many hours did you study for the exam? *

- 0 to 100 hours
- 101 to 200 hours
- 201 to 300 hours
- 301 to 400 hours
- 401 to 500 hours
- More than 500 hours

How many years of engineering experience did you have at the time of the exam in the fields tested by the exam? *

- Less than 2 years
- 2 to 3 years
- 3 to 4 years
- 4 to 5 years
- More than 5 years

Which references do you recommend for the exam? *

- Personal study notes and cheat sheets
- NCEES sample exam
- Engineering Pro Guides
- MERM
- ASHRAE Systems
- ASHRAE Equipment
- ASHRAE Refrigeration
- ASHRAE Fundamentals
- 6 minute solutions
- College Thermodynamics book
- College Fluids book
- Other: _____

What do you wish you knew before you started studying? *

Wish that I would've made an index of completed practice problems for quick reference

What do you wish you practiced or studied more? *

More psychrometrics and heat transfer

Additional comments or words of advice for future test takers? *

Do plenty of practice problems

If you purchased an Engineering Pro Guides product, please leave a review for the Engineering Pro Guides material. Any suggestions on how to improve or comments on what you liked and what you didn't like will be very helpful.

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October 2018 - Thermal & Fluids PE Exam RESULTS Survey

A survey that compares the pass rate to with your total number of study hours and references used during the exam.

Just a friendly reminder, you cannot disclose the actual exam (problems or solutions).

First Name *

Keenan

Company Name *

P66

Did you pass the PE exam? *

Yes

No

Other: _____

If you did not pass the exam, then what was your score out of 80? (____ / 80)

How many hours did you study for the exam? *

- 0 to 100 hours
- 101 to 200 hours
- 201 to 300 hours
- 301 to 400 hours
- 401 to 500 hours
- More than 500 hours

How many years of engineering experience did you have at the time of the exam in the fields tested by the exam? *

- Less than 2 years
- 2 to 3 years
- 3 to 4 years
- 4 to 5 years
- More than 5 years

Which references do you recommend for the exam? *

Personal study notes and cheat sheets

NCEES sample exam

Engineering Pro Guides

MERM

ASHRAE Systems

ASHRAE Equipment

ASHRAE Refrigeration

ASHRAE Fundamentals

6 minute solutions

College Thermodynamics book

College Fluids book

Other: _____

What do you wish you knew before you started studying? *

-

What do you wish you practiced or studied more? *

Psychometric

Additional comments or words of advice for future test takers? *

-

If you purchased an Engineering Pro Guides product, please leave a review for the Engineering Pro Guides material. Any suggestions on how to improve or comments on what you liked and what you didn't like will be very helpful.

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Google Forms

October 2018 - Thermal & Fluids PE Exam RESULTS Survey

A survey that compares the pass rate to with your total number of study hours and references used during the exam.

Just a friendly reminder, you cannot disclose the actual exam (problems or solutions).

First Name *

Garrett

Company Name *

Black & Veatch

Did you pass the PE exam? *

Yes

No

Other: _____

If you did not pass the exam, then what was your score out of 80? (____ / 80)

How many hours did you study for the exam? *

- 0 to 100 hours
- 101 to 200 hours
- 201 to 300 hours
- 301 to 400 hours
- 401 to 500 hours
- More than 500 hours

How many years of engineering experience did you have at the time of the exam in the fields tested by the exam? *

- Less than 2 years
- 2 to 3 years
- 3 to 4 years
- 4 to 5 years
- More than 5 years

Which references do you recommend for the exam? *

Personal study notes and cheat sheets

NCEES sample exam

Engineering Pro Guides

MERM

ASHRAE Systems

ASHRAE Equipment

ASHRAE Refrigeration

ASHRAE Fundamentals

6 minute solutions

College Thermodynamics book

College Fluids book

Other: _____

What do you wish you knew before you started studying? *

That six minute solutions was overkill, and that NCEES practice exam was right on target for difficulty.

What do you wish you practiced or studied more? *

I felt prepared.

Additional comments or words of advice for future test takers? *

Take practice exams early. Take them half or quarter at a time (with a timer), then review your wrong answers. This way, you get the most out of them.

If you purchased an Engineering Pro Guides product, please leave a review for the Engineering Pro Guides material. Any suggestions on how to improve or comments on what you liked and what you didn't like will be very helpful.

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Google Forms

October 2018 - Thermal & Fluids PE Exam RESULTS Survey

A survey that compares the pass rate to with your total number of study hours and references used during the exam.

Just a friendly reminder, you cannot disclose the actual exam (problems or solutions).

First Name *

Trevar

Company Name *

HDR

Did you pass the PE exam? *

Yes

No

Other: _____

If you did not pass the exam, then what was your score out of 80? (____ / 80)

36

How many hours did you study for the exam? *

- 0 to 100 hours
- 101 to 200 hours
- 201 to 300 hours
- 301 to 400 hours
- 401 to 500 hours
- More than 500 hours

How many years of engineering experience did you have at the time of the exam in the fields tested by the exam? *

- Less than 2 years
- 2 to 3 years
- 3 to 4 years
- 4 to 5 years
- More than 5 years

Which references do you recommend for the exam? *

Personal study notes and cheat sheets

NCEES sample exam

Engineering Pro Guides

MERM

ASHRAE Systems

ASHRAE Equipment

ASHRAE Refrigeration

ASHRAE Fundamentals

6 minute solutions

College Thermodynamics book

College Fluids book

Other: _____

What do you wish you knew before you started studying? *

When to take Practice Exams

What do you wish you practiced or studied more? *

I think next go round will be 120hr range

Additional comments or words of advice for future test takers? *

Nothing

If you purchased an Engineering Pro Guides product, please leave a review for the Engineering Pro Guides material. Any suggestions on how to improve or comments on what you liked and what you didn't like will be very helpful.

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October 2018 - Thermal & Fluids PE Exam RESULTS Survey

A survey that compares the pass rate to with your total number of study hours and references used during the exam.

Just a friendly reminder, you cannot disclose the actual exam (problems or solutions).

First Name *

Paul

Company Name *

NYS DEC

Did you pass the PE exam? *

Yes

No

Other: _____

If you did not pass the exam, then what was your score out of 80? (____ / 80)

How many hours did you study for the exam? *

- 0 to 100 hours
- 101 to 200 hours
- 201 to 300 hours
- 301 to 400 hours
- 401 to 500 hours
- More than 500 hours

How many years of engineering experience did you have at the time of the exam in the fields tested by the exam? *

- Less than 2 years
- 2 to 3 years
- 3 to 4 years
- 4 to 5 years
- More than 5 years

Which references do you recommend for the exam? *

Personal study notes and cheat sheets

NCEES sample exam

Engineering Pro Guides

MERM

ASHRAE Systems

ASHRAE Equipment

ASHRAE Refrigeration

ASHRAE Fundamentals

6 minute solutions

College Thermodynamics book

College Fluids book

Other: _____

What do you wish you knew before you started studying? *

This exam is a lot more broad than the title lets on

What do you wish you practiced or studied more? *

Gas dynamics

Additional comments or words of advice for future test takers? *

There will be a few questions you just don't know what they're even talking about, don't waste your time, skip and come back after you got all of the "easy" ones. I also cannot emphasize enough just how helpful the practice test was to learn with and have with me as a reference.

If you purchased an Engineering Pro Guides product, please leave a review for the Engineering Pro Guides material. Any suggestions on how to improve or comments on what you liked and what you didn't like will be very helpful.

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October 2018 - Thermal & Fluids PE Exam RESULTS Survey

A survey that compares the pass rate to with your total number of study hours and references used during the exam.

Just a friendly reminder, you cannot disclose the actual exam (problems or solutions).

First Name *

Sylvester Vargas

Company Name *

EN Engineering

Did you pass the PE exam? *

Yes

No

Other: _____

If you did not pass the exam, then what was your score out of 80? (____ / 80)

How many hours did you study for the exam? *

- 0 to 100 hours
- 101 to 200 hours
- 201 to 300 hours
- 301 to 400 hours
- 401 to 500 hours
- More than 500 hours

How many years of engineering experience did you have at the time of the exam in the fields tested by the exam? *

- Less than 2 years
- 2 to 3 years
- 3 to 4 years
- 4 to 5 years
- More than 5 years

Which references do you recommend for the exam? *

Personal study notes and cheat sheets

NCEES sample exam

Engineering Pro Guides

MERM

ASHRAE Systems

ASHRAE Equipment

ASHRAE Refrigeration

ASHRAE Fundamentals

6 minute solutions

College Thermodynamics book

College Fluids book

Other: _____

What do you wish you knew before you started studying? *

More practice

What do you wish you practiced or studied more? *

Mass balance problems, pump problems

Additional comments or words of advice for future test takers? *

Do the work

If you purchased an Engineering Pro Guides product, please leave a review for the Engineering Pro Guides material. Any suggestions on how to improve or comments on what you liked and what you didn't like will be very helpful.

Put more challenging and comprehensive questions

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October 2018 - Thermal & Fluids PE Exam RESULTS Survey

A survey that compares the pass rate to with your total number of study hours and references used during the exam.

Just a friendly reminder, you cannot disclose the actual exam (problems or solutions).

First Name *

John

Company Name *

Rolls-Royce

Did you pass the PE exam? *

Yes

No

Other: _____

If you did not pass the exam, then what was your score out of 80? (____ / 80)

How many hours did you study for the exam? *

- 0 to 100 hours
- 101 to 200 hours
- 201 to 300 hours
- 301 to 400 hours
- 401 to 500 hours
- More than 500 hours

How many years of engineering experience did you have at the time of the exam in the fields tested by the exam? *

- Less than 2 years
- 2 to 3 years
- 3 to 4 years
- 4 to 5 years
- More than 5 years

Which references do you recommend for the exam? *

Personal study notes and cheat sheets

NCEES sample exam

Engineering Pro Guides

MERM

ASHRAE Systems

ASHRAE Equipment

ASHRAE Refrigeration

ASHRAE Fundamentals

6 minute solutions

College Thermodynamics book

College Fluids book

Other: _____

What do you wish you knew before you started studying? *

n/a

What do you wish you practiced or studied more? *

n/a

Additional comments or words of advice for future test takers? *

Know the MERM like the back of your hand. Tab it to hell.

If you purchased an Engineering Pro Guides product, please leave a review for the Engineering Pro Guides material. Any suggestions on how to improve or comments on what you liked and what you didn't like will be very helpful.

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October 2018 - Thermal & Fluids PE Exam RESULTS Survey

A survey that compares the pass rate to with your total number of study hours and references used during the exam.

Just a friendly reminder, you cannot disclose the actual exam (problems or solutions).

First Name *

Muhammad

Company Name *

NCH

Did you pass the PE exam? *

Yes

No

Other: _____

If you did not pass the exam, then what was your score out of 80? (____ / 80)

How many hours did you study for the exam? *

- 0 to 100 hours
- 101 to 200 hours
- 201 to 300 hours
- 301 to 400 hours
- 401 to 500 hours
- More than 500 hours

How many years of engineering experience did you have at the time of the exam in the fields tested by the exam? *

- Less than 2 years
- 2 to 3 years
- 3 to 4 years
- 4 to 5 years
- More than 5 years

Which references do you recommend for the exam? *

Personal study notes and cheat sheets

NCEES sample exam

Engineering Pro Guides

MERM

ASHRAE Systems

ASHRAE Equipment

ASHRAE Refrigeration

ASHRAE Fundamentals

6 minute solutions

College Thermodynamics book

College Fluids book

Other: _____

What do you wish you knew before you started studying? *

The amount of study time needed

What do you wish you practiced or studied more? *

General Practice Questions. I spent some time on the index in the MERM to find answers to the general questions

Additional comments or words of advice for future test takers? *

Keep doing practice problem after practice problem after practice problem! I went through the Pro Guides Exam twice and also the NCEES (2011) Practice Exam Twice. The resources I used for the exam were the MERM, a separate binded printout of the steam tables, the NCEES practice exam, the Pro Guides Technical Study Guide, and the Pro Guides Practice Exam. I worked about the first 30 or so problems of the 6MS in the preparation phase, but I didn't even bring it with me to the exam.

If you purchased an Engineering Pro Guides product, please leave a review for the Engineering Pro Guides material. Any suggestions on how to improve or comments on what you liked and what you didn't like will be very helpful.

The technical study guide and the practice exam were very helpful. The references 40 question exam did not help me much. Maybe there would be a better way to just organize the reference exam of 40 questions into just another study guide? Good stuff, nonetheless. Thank you for helping me pass the PE exam.

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October 2018 - Thermal & Fluids PE Exam RESULTS Survey

A survey that compares the pass rate to with your total number of study hours and references used during the exam.

Just a friendly reminder, you cannot disclose the actual exam (problems or solutions).

First Name *

Tushar

Company Name *

EthosEnergy

Did you pass the PE exam? *

Yes

No

Other: _____

If you did not pass the exam, then what was your score out of 80? (____ / 80)

How many hours did you study for the exam? *

- 0 to 100 hours
- 101 to 200 hours
- 201 to 300 hours
- 301 to 400 hours
- 401 to 500 hours
- More than 500 hours

How many years of engineering experience did you have at the time of the exam in the fields tested by the exam? *

- Less than 2 years
- 2 to 3 years
- 3 to 4 years
- 4 to 5 years
- More than 5 years

Which references do you recommend for the exam? *

Personal study notes and cheat sheets

NCEES sample exam

Engineering Pro Guides

MERM

ASHRAE Systems

ASHRAE Equipment

ASHRAE Refrigeration

ASHRAE Fundamentals

6 minute solutions

College Thermodynamics book

College Fluids book

Other: _____

What do you wish you knew before you started studying? *

None _____

What do you wish you practiced or studied more? *

None _____

Additional comments or words of advice for future test takers? *

Do the planning before you start studying. You don't need lots of references to pass the exam. Practice problems is the key for passing. More you do easier it will get.

If you purchased an Engineering Pro Guides product, please leave a review for the Engineering Pro Guides material. Any suggestions on how to improve or comments on what you liked and what you didn't like will be very helpful.

I had purchased practice test from Eng Pro Guide. The test is easier as compared to actual exam but it was useful to boost my confidence.

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October 2018 - Thermal & Fluids PE Exam RESULTS Survey

A survey that compares the pass rate to with your total number of study hours and references used during the exam.

Just a friendly reminder, you cannot disclose the actual exam (problems or solutions).

First Name *

John

Company Name *

Anchorage MLP

Did you pass the PE exam? *

Yes

No

Other: _____

If you did not pass the exam, then what was your score out of 80? (____ / 80)

How many hours did you study for the exam? *

- 0 to 100 hours
- 101 to 200 hours
- 201 to 300 hours
- 301 to 400 hours
- 401 to 500 hours
- More than 500 hours

How many years of engineering experience did you have at the time of the exam in the fields tested by the exam? *

- Less than 2 years
- 2 to 3 years
- 3 to 4 years
- 4 to 5 years
- More than 5 years

Additional comments or words of advice for future test takers? *

Do pump problems and learn how to use table 18.5 MERM 13th

If you purchased an Engineering Pro Guides product, please leave a review for the Engineering Pro Guides material. Any suggestions on how to improve or comments on what you liked and what you didn't like will be very helpful.

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October 2018 - Thermal & Fluids PE Exam RESULTS Survey

A survey that compares the pass rate to with your total number of study hours and references used during the exam.

Just a friendly reminder, you cannot disclose the actual exam (problems or solutions).

First Name *

Ari

Company Name *

Oil & Gas Company

Did you pass the PE exam? *

Yes

No

Other: _____

If you did not pass the exam, then what was your score out of 80? (____ / 80)

How many hours did you study for the exam? *

- 0 to 100 hours
- 101 to 200 hours
- 201 to 300 hours
- 301 to 400 hours
- 401 to 500 hours
- More than 500 hours

How many years of engineering experience did you have at the time of the exam in the fields tested by the exam? *

- Less than 2 years
- 2 to 3 years
- 3 to 4 years
- 4 to 5 years
- More than 5 years

Which references do you recommend for the exam? *

- Personal study notes and cheat sheets
- NCEES sample exam
- Engineering Pro Guides
- MERM
- ASHRAE Systems
- ASHRAE Equipment
- ASHRAE Refrigeration
- ASHRAE Fundamentals
- 6 minute solutions
- College Thermodynamics book
- College Fluids book
- Other: PPI practice exam, MERMs practice problems

What do you wish you knew before you started studying? *

It's important to categorize each practice problem by subject for quick reference examples during the exam.

What do you wish you practiced or studied more? *

Cycle problems

Additional comments or words of advice for future test takers? *

Spend a bit of refresh time on concepts/background and the rest on practice problems. Do at least 4 practice tests in the 4hour/4hour test environment.

If you purchased an Engineering Pro Guides product, please leave a review for the Engineering Pro Guides material. Any suggestions on how to improve or comments on what you liked and what you didn't like will be very helpful.

Spent a bit of time finding and correcting errors in the study guide/practice problems but overall it was very helpful.

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October 2018 - Thermal & Fluids PE Exam RESULTS Survey

A survey that compares the pass rate to with your total number of study hours and references used during the exam.

Just a friendly reminder, you cannot disclose the actual exam (problems or solutions).

First Name *

Anonymous

Company Name *

Anonymous

Did you pass the PE exam? *

Yes

No

Other: _____

If you did not pass the exam, then what was your score out of 80? (____ / 80)

How many hours did you study for the exam? *

- 0 to 100 hours
- 101 to 200 hours
- 201 to 300 hours
- 301 to 400 hours
- 401 to 500 hours
- More than 500 hours

How many years of engineering experience did you have at the time of the exam in the fields tested by the exam? *

- Less than 2 years
- 2 to 3 years
- 3 to 4 years
- 4 to 5 years
- More than 5 years

Which references do you recommend for the exam? *

Personal study notes and cheat sheets

NCEES sample exam

Engineering Pro Guides

MERM

ASHRAE Systems

ASHRAE Equipment

ASHRAE Refrigeration

ASHRAE Fundamentals

6 minute solutions

College Thermodynamics book

College Fluids book

Other: _____

What do you wish you knew before you started studying? *

To work even more problems than I already had. (Thought I worked enough, but apparently I need to work even more problems (variety per topic). In addition to going through the Engr Pro Guides study guide, I did NCEES and Engr Pro Guides practice exams until I could answer all correct within the 8 hours. But some questions on the PE exam still seemed like I hadn't seen them before.

What do you wish you practiced or studied more? *

Thermo, energy and system power applications

Additional comments or words of advice for future test takers? *

Practice problems... and then more practice problems

If you purchased an Engineering Pro Guides product, please leave a review for the Engineering Pro Guides material. Any suggestions on how to improve or comments on what you liked and what you didn't like will be very helpful.

Study guide is well organized (chapters with topics within the chapters), and although I had tabs, I barely used any of them. I just need to work more problems.

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Just a friendly reminder, you cannot disclose the actual exam (problems or solutions).

First Name *

Andrew

Company Name *

AEI

Did you pass the PE exam? *

Yes

No

Other: _____

If you did not pass the exam, then what was your score out of 80? (____ / 80)

How many hours did you study for the exam? *

- 0 to 100 hours
- 101 to 200 hours
- 201 to 300 hours
- 301 to 400 hours
- 401 to 500 hours
- More than 500 hours

How many years of engineering experience did you have at the time of the exam in the fields tested by the exam? *

- Less than 2 years
- 2 to 3 years
- 3 to 4 years
- 4 to 5 years
- More than 5 years

Which references do you recommend for the exam? *

Personal study notes and cheat sheets

NCEES sample exam

Engineering Pro Guides

MERM

ASHRAE Systems

ASHRAE Equipment

ASHRAE Refrigeration

ASHRAE Fundamentals

6 minute solutions

College Thermodynamics book

College Fluids book

Other: _____

What do you wish you knew before you started studying? *

N/A, outlined topics in the NCEES Thermo-Fluids Handout were pretty accurate

What do you wish you practiced or studied more? *

Combined cycles

Additional comments or words of advice for future test takers? *

Field and design experience helps with recognizing numerous nonsensical potential answers on the multiple choice exam

If you purchased an Engineering Pro Guides product, please leave a review for the Engineering Pro Guides material. Any suggestions on how to improve or comments on what you liked and what you didn't like will be very helpful.

N/A

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October 2018 - Thermal & Fluids PE Exam RESULTS Survey

A survey that compares the pass rate to with your total number of study hours and references used during the exam.

Just a friendly reminder, you cannot disclose the actual exam (problems or solutions).

First Name *

John

Company Name *

Archrock

Did you pass the PE exam? *

Yes

No

Other: _____

If you did not pass the exam, then what was your score out of 80? (____ / 80)

How many hours did you study for the exam? *

- 0 to 100 hours
- 101 to 200 hours
- 201 to 300 hours
- 301 to 400 hours
- 401 to 500 hours
- More than 500 hours

How many years of engineering experience did you have at the time of the exam in the fields tested by the exam? *

- Less than 2 years
- 2 to 3 years
- 3 to 4 years
- 4 to 5 years
- More than 5 years

Which references do you recommend for the exam? *

Personal study notes and cheat sheets

NCEES sample exam

Engineering Pro Guides

MERM

ASHRAE Systems

ASHRAE Equipment

ASHRAE Refrigeration

ASHRAE Fundamentals

6 minute solutions

College Thermodynamics book

College Fluids book

Other: _____

What do you wish you knew before you started studying? *

How to properly organize reference materials; especially tabbing. _____

What do you wish you practiced or studied more? *

Vapor compression cycles, combined cycles, heat transfer _____

Additional comments or words of advice for future test takers? *

Be organized. Tab your materials well. Work lots of problems and understand concepts.

Pick low hanging fruit first (easy problems), then work on harder problems during the exam.

If you purchased an Engineering Pro Guides product, please leave a review for the Engineering Pro Guides material. Any suggestions on how to improve or comments on what you liked and what you didn't like will be very helpful.

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October 2018 - Thermal & Fluids PE Exam RESULTS Survey

A survey that compares the pass rate to with your total number of study hours and references used during the exam.

Just a friendly reminder, you cannot disclose the actual exam (problems or solutions).

First Name *

William

Company Name *

NA

Did you pass the PE exam? *

Yes

No

Other: _____

If you did not pass the exam, then what was your score out of 80? (____ / 80)

How many hours did you study for the exam? *

- 0 to 100 hours
- 101 to 200 hours
- 201 to 300 hours
- 301 to 400 hours
- 401 to 500 hours
- More than 500 hours

How many years of engineering experience did you have at the time of the exam in the fields tested by the exam? *

- Less than 2 years
- 2 to 3 years
- 3 to 4 years
- 4 to 5 years
- More than 5 years

Which references do you recommend for the exam? *

Personal study notes and cheat sheets

NCEES sample exam

Engineering Pro Guides

MERM

ASHRAE Systems

ASHRAE Equipment

ASHRAE Refrigeration

ASHRAE Fundamentals

6 minute solutions

College Thermodynamics book

College Fluids book

Other: ASME Steam tables, College Heat Transfer Book

What do you wish you knew before you started studying? *

How much the topics of the TFS exam had changed since pre 2016. I had MERM 13th edition-- which was published when there was still a breadth and depth section on the TFS test. Unknowingly, I spent a lot of time studying topics per MERM guidelines. It wasn't until after my Study Sessions that I finally realized I had spent a lot of time unnecessarily on topics that would never be on the exam.

What do you wish you practiced or studied more? *

Nothing specifically. Less actually-- all the "Breadth" topics that I studied originally

Additional comments or words of advice for future test takers? *

Timed Practice exams are absolutely key. Get as many different practice exams from different sources as possible. Take an early timed practice test for a baseline. Study/review. Then just keep rotating through the practice exams, as timed exams, to get your timing down. I did 12 weeks on study, and 8 weeks on practice exams-- and I know I would not have passed without that time commitment to the practice exams. If anything, I'd decrease the study time (to maybe 8 weeks) and increase the practice exam time to 12 weeks.

If you purchased an Engineering Pro Guides product, please leave a review for the Engineering Pro Guides material. Any suggestions on how to improve or comments on what you liked and what you didn't like will be very helpful.

I did purchase Eng Pro Guides Materials-- both TFS practice exam + Technical Study Guide. Thank you very much. The Cheat-Sheets were also immensely important to me-- as a place to start to make my own extensive cheat-booklet (spiral bound) on topics I just needed as ultra quick reference. My biggest recommendation: change your sample problem number scheme-- "Problem #10.1" was ambiguous ---it could refer to any number different sample problems, each from a different section. Cheers!

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October 2018 - Thermal & Fluids PE Exam RESULTS Survey

A survey that compares the pass rate to with your total number of study hours and references used during the exam.

Just a friendly reminder, you cannot disclose the actual exam (problems or solutions).

First Name *

Kohos

Company Name *

Secret

Did you pass the PE exam? *

Yes

No

Other: _____

If you did not pass the exam, then what was your score out of 80? (____ / 80)

How many hours did you study for the exam? *

- 0 to 100 hours
- 101 to 200 hours
- 201 to 300 hours
- 301 to 400 hours
- 401 to 500 hours
- More than 500 hours

How many years of engineering experience did you have at the time of the exam in the fields tested by the exam? *

- Less than 2 years
- 2 to 3 years
- 3 to 4 years
- 4 to 5 years
- More than 5 years

Which references do you recommend for the exam? *

Personal study notes and cheat sheets

NCEES sample exam

Engineering Pro Guides

MERM

ASHRAE Systems

ASHRAE Equipment

ASHRAE Refrigeration

ASHRAE Fundamentals

6 minute solutions

College Thermodynamics book

College Fluids book

Other: _____

What do you wish you knew before you started studying? *

Start with problems directly _____

What do you wish you practiced or studied more? *

Nothing, because I passed! _____

Additional comments or words of advice for future test takers? *

Already included a lengthy post: <http://engineerboards.com/topic/24508-how-i-passed-the-thermal-fluid-pe-exam/?page=6>

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