# Thermal & Fluids PE Exam Survey - October 2017

	Yes
0	No
If y	ou did not pass, what was your score out of 80?
Is this your first time taking the exam?	
	Yes, this is my first time taking the PE exam.
$\bigcirc$	No. 2nd time.
$\bigcirc$	No. I have taken the exam more than 2 times.
Нο	w many hours did you study for this exam?
•	0 to 100 hours.
$\bigcirc$	101 to 200 hours.
$\bigcirc$	201 to 300 hours.
$\bigcirc$	301 to 400 hours.
$\bigcirc$	401 to 500 hours.
$\bigcirc$	More than 501 hours.

•	2 to 3 years
$\bigcirc$	3 to 4 years
$\bigcirc$	4 to 5 years
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$\bigcirc$	Other:
Wh	ich references would you recommend for the exam? *  Personal study notes and cheat sheets.
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	Engineering Pro Guides exam prep materials
	College Thermodynamics Book
	College Fluids Book
	MERM
	MERM - Practice Exam
	6 Minute Solutions - Practice Exam
	PPI Engineering Unit Conversions
	Other:

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Fluid Mechanics	
Heat Transfer Principles	
✓ Mass Balance Principles	
✓ Thermodynamics	
Supportive Knowledge	
Hydraulic and Fluid Equipment	
Hydraulic and Fluid Distribution Systems	
Energy/Power Equipment	
Cooling/Heating	
Energy Recovery	
Combined Cycles	

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Thermodynamics	
Supportive Knowledge	
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Additional comments? Words of advice?	

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Additional comments? Words of advice?
Great study materials, thanks for everything. Finding, solving, and indexing a wide variety of practice problems is good preparation.

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Additional comments? Words of advice?
Study until you feel comfortable and skip any problems on the test that you don't instantly know how to do then come back to them after all other problems are completed.

Yes

Did you pass the exam? \*

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Additional comments? Words of advice?
Do multiple practice tests. And take them as if they were real: Get up in the morning, start at 8, take the morning, have a lunch, and then take the afternoon.

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Did you pass the exam? \*

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$\bigcirc$	Other:
Wh	ich references would you recommend for the exam? *
	Personal study notes and cheat sheets.
<b>~</b>	NCEES Thermal & Fluids sample PE exam.
	Engineering Pro Guides exam prep materials
	College Thermodynamics Book
	College Fluids Book
<b>~</b>	MERM
	MERM - Practice Exam
<b>✓</b>	6 Minute Solutions - Practice Exam
	PPI Engineering Unit Conversions
	Other:

<b>•</b>	Extremely confident (I feel that I knew the correct answers to nearly all of the questions and guessed on less than 5 questions).
$\bigcirc$	Very confident (I feel that I knew the correct answers to most of the questions and guessed on not more than 10 questions).
$\bigcirc$	Confident (I feel confident that I guessed on not more than 15 questions).
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	w confident are you in your performance on the PM exam? Guessing is
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Select 3.

What were your most confident topics	;?
Basic Engineering Practice	
Fluid Mechanics	
Heat Transfer Principles	
✓ Mass Balance Principles	
✓ Thermodynamics	
Supportive Knowledge	
✓ Hydraulic and Fluid Equipment	
Hydraulic and Fluid Distribution Systems	
Energy/Power Equipment	
Cooling/Heating	
Energy Recovery	
Combined Cycles	

What were your least confident topics? Select 3.	
✓ Basic Engineering Practice	
✓ Fluid Mechanics	
Heat Transfer Principles	
Mass Balance Principles	
Thermodynamics	
Supportive Knowledge	
Hydraulic and Fluid Equipment	
Hydraulic and Fluid Distribution Systems	
Energy/Power Equipment	
Cooling/Heating	
Energy Recovery	
Combined Cycles	
Additional comments? Words of advice?	

This content is neither created nor endorsed by Google.

Yes

Did you pass the exam? \*

# Thermal & Fluids PE Exam Survey - October 2017

0	No
lf y	ou did not pass, what was your score out of 80?
ls t	his your first time taking the exam?
•	Yes, this is my first time taking the PE exam.
$\bigcirc$	No. 2nd time.
$\bigcirc$	No. I have taken the exam more than 2 times.
Ho	w many hours did you study for this exam?
$\bigcirc$	0 to 100 hours.
$\bigcirc$	101 to 200 hours.
•	201 to 300 hours.
$\bigcirc$	301 to 400 hours.
$\bigcirc$	401 to 500 hours.
$\bigcirc$	More than 501 hours.

•	2 to 3 years
$\bigcirc$	3 to 4 years
$\bigcirc$	4 to 5 years
$\bigcirc$	More than 5 years
$\bigcirc$	Other:
Wh	ich references would you recommend for the exam? *
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<b>✓</b>	Engineering Pro Guides exam prep materials
	College Thermodynamics Book
	College Fluids Book
<b>/</b>	MERM
	MERM - Practice Exam
<b>~</b>	6 Minute Solutions - Practice Exam
<b>~</b>	PPI Engineering Unit Conversions
<b>✓</b>	Other: School of PE practice problems

•	Extremely confident (I feel that I knew the correct answers to nearly all of the questions and guessed on less than 5 questions).
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What were y	your most	confident to	opics? Select 3
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- Basic Engineering Practice
- Fluid Mechanics
- ✓ Heat Transfer Principles
- Mass Balance Principles
- Thermodynamics
- Supportive Knowledge
- Hydraulic and Fluid Equipment
- ✓ Hydraulic and Fluid Distribution Systems
- Energy/Power Equipment
- Cooling/Heating
- Energy Recovery
- Combined Cycles

What were your least confident topics? Select 3.
Basic Engineering Practice
Fluid Mechanics
Heat Transfer Principles
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Thermodynamics
Supportive Knowledge
Hydraulic and Fluid Equipment
Hydraulic and Fluid Distribution Systems
Energy/Power Equipment
✓ Cooling/Heating
✓ Energy Recovery
✓ Combined Cycles
Additional comments? Words of advice?

Buy-in from your spouse, family and friends is a must. They will miss you very much. Keep reminding them that you still love them even though you are wearing ear plugs and having dinner at your desk. I recommend providing close family with a link to view this board. Huge, huge THANK YOU to EB.com and everyone on this site especially justin-hawaii and SlaythePE!

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Did you pass the exam? \*

## Thermal & Fluids PE Exam Survey - October 2017

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Wh	ich references would you recommend for the exam? *
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	MERM - Practice Exam
	6 Minute Solutions - Practice Exam
	PPI Engineering Unit Conversions
<b>~</b>	Other: Testmasters

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Hydraulic and Fluid Distribution Systems	
Energy/Power Equipment	
Cooling/Heating	
Energy Recovery	
Combined Cycles	

What were your least confident topics? Select 3.	
Basic Engineering Practice	
Fluid Mechanics	
Heat Transfer Principles	
Mass Balance Principles	
Thermodynamics	
Supportive Knowledge	
Hydraulic and Fluid Equipment	
Hydraulic and Fluid Distribution Systems	
Energy/Power Equipment	
✓ Cooling/Heating	
Energy Recovery	
Combined Cycles	
Additional comments? Words of advice?	
Buy and take a practice exam!	

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# Thermal & Fluids PE Exam Survey - October 2017

Did you pass the exam? *
O Yes
<ul><li>No</li></ul>
If you did not pass, what was your score out of 80?
Is this your first time taking the exam?
Yes, this is my first time taking the PE exam.
No. 2nd time.
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	Fluid Mechanics
	Heat Transfer Principles
	Mass Balance Principles
	Thermodynamics
<b>~</b>	Supportive Knowledge
<b>~</b>	Hydraulic and Fluid Equipment
	Hydraulic and Fluid Equipment  Hydraulic and Fluid Distribution Systems
	Hydraulic and Fluid Distribution Systems
	Hydraulic and Fluid Distribution Systems  Energy/Power Equipment

What were your least confident topics? Select 3.
Basic Engineering Practice
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Hydraulic and Fluid Equipment
Hydraulic and Fluid Distribution Systems
✓ Energy/Power Equipment
✓ Cooling/Heating
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Combined Cycles
Additional comments? Words of advice?

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Did you pass the exam? \*

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# Thermal & Fluids PE Exam Survey - October 2017

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Energy/Power Equipment
Cooling/Heating
Energy Recovery

**Combined Cycles** 

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Heat Transfer Principles
Mass Balance Principles
Thermodynamics
Supportive Knowledge
Hydraulic and Fluid Equipment
Hydraulic and Fluid Distribution Systems
Energy/Power Equipment
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Energy Recovery
Combined Cycles
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Did you pass the exam? \*

# Thermal & Fluids PE Exam Survey - October 2017

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What were your most confident topics? Select 3.
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Fluid Mechanics
Heat Transfer Principles
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Thermodynamics
Supportive Knowledge
Hydraulic and Fluid Equipment
✓ Hydraulic and Fluid Distribution Systems
Energy/Power Equipment
Cooling/Heating
Energy Recovery
Combined Cycles

What were your least confident topics? Select 3.
Basic Engineering Practice
Fluid Mechanics
✓ Heat Transfer Principles
Mass Balance Principles
Thermodynamics
Supportive Knowledge
Hydraulic and Fluid Equipment
Hydraulic and Fluid Distribution Systems
Energy/Power Equipment
✓ Cooling/Heating
Energy Recovery
Combined Cycles
Additional comments? Words of advice?

Yes

Did you pass the exam? \*

## Thermal & Fluids PE Exam Survey - October 2017

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Wh	at were your most confident topics? Select 3.
<b>✓</b>	Basic Engineering Practice
<b>✓</b>	Fluid Mechanics
	Heat Transfer Principles
<b>✓</b>	Mass Balance Principles
<b>✓</b>	Thermodynamics

- Hydraulic and Fluid Equipment
- ✓ Hydraulic and Fluid Distribution Systems
- Energy/Power Equipment
- Cooling/Heating
- Energy Recovery
- Combined Cycles

Did you pass the exam? \*

# Thermal & Fluids PE Exam Survey - October 2017

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Select 3.

What were your most confident topics?	
Bas	ic Engineering Practice
Flui	d Mechanics
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Mas	ss Balance Principles
<b>✓</b> The	rmodynamics
Sup	portive Knowledge
<b>✓</b> Hyd	raulic and Fluid Equipment
Hyd	raulic and Fluid Distribution Systems
Ene	rgy/Power Equipment
Coo	ling/Heating
Ene	rgy Recovery
<b>✓</b> Con	nbined Cycles

What were your least confident topics? Select 3.
Basic Engineering Practice
✓ Fluid Mechanics
Heat Transfer Principles
Mass Balance Principles
Thermodynamics
Supportive Knowledge
Hydraulic and Fluid Equipment
Hydraulic and Fluid Distribution Systems
Energy/Power Equipment
✓ Cooling/Heating
Energy Recovery
Combined Cycles
Additional comments? Words of advice?

Yes

Did you pass the exam? \*

# Thermal & Fluids PE Exam Survey - October 2017

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	Other:

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Energy/Power Equipment	
Cooling/Heating	
Energy Recovery	
Combined Cycles	
Additional comments? Words of advice?	
I would just work the Eng Pro Guides practice exam and the NCEES practice exams over and over again, making sure I knew the theory behind the solution, instead of just memorizing the solution or "cookbooking" the answer.	

Yes

Did you pass the exam? \*

## Thermal & Fluids PE Exam Survey - October 2017

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<b>~</b>	College Thermodynamics Book
<b>~</b>	College Fluids Book
<b>✓</b>	MERM
<b>~</b>	MERM - Practice Exam
<b>~</b>	6 Minute Solutions - Practice Exam
	PPI Engineering Unit Conversions
	Other:

•	Extremely confident (I feel that I knew the correct answers to nearly all of the questions and guessed on less than 5 questions).
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What were your most confident topics? Select 3.	
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✓ Fluid Mechanics	
✓ Heat Transfer Principles	
Mass Balance Principles	
✓ Thermodynamics	
Supportive Knowledge	
Hydraulic and Fluid Equipment	
Hydraulic and Fluid Distribution Systems	
Energy/Power Equipment	
Cooling/Heating	
Energy Recovery	
Combined Cycles	

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Energy/Power Equipment	
Cooling/Heating	
Energy Recovery	
Combined Cycles	
Additional comments? Words of advice?	

Did you pass the exam? \*

# Thermal & Fluids PE Exam Survey - October 2017

Yes
No
ou did not pass, what was your score out of 80?
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Yes, this is my first time taking the PE exam.
No. 2nd time.
No. I have taken the exam more than 2 times.
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0 to 100 hours.
101 to 200 hours.
201 to 300 hours.
301 to 400 hours.
401 to 500 hours.
More than 501 hours.

$\bigcirc$	2 to 3 years
$\bigcirc$	3 to 4 years
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	Heat Transfer Principles
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**Combined Cycles** 

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Fluid Mechanics
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✓ Energy Recovery
✓ Combined Cycles

Yes

### Thermal & Fluids PE Exam Survey - October 2017

If you did not pass, what was your score out of	
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Is this your first time taking the exam?	
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What were your least confident topics? Select 3.
Basic Engineering Practice
Fluid Mechanics
✓ Heat Transfer Principles
Mass Balance Principles
Thermodynamics
Supportive Knowledge
Hydraulic and Fluid Equipment
✓ Hydraulic and Fluid Distribution Systems
Energy/Power Equipment
✓ Cooling/Heating
Energy Recovery
Combined Cycles
Additional comments? Words of advice?
You need to be fast at solving problems - concentrate on your strengths and do as many problems on your own - resist back solving and learn from mistakes you make while you study - this way you can be as accurate as possible in the exam - the exam is a true test of your problem solving ability as an engineer. The Pro guide program you put together is excellent and is a great supplement to MERM - well done Justin!!

Yes

### Thermal & Fluids PE Exam Survey - October 2017

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If y	ou did not pass, what was your score out of 80?
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<b>~</b>	Other: DR. TOM 3 ring Binders

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What were your most confident topics? Select 3.
Basic Engineering Practice
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Hydraulic and Fluid Equipment
Hydraulic and Fluid Distribution Systems
✓ Energy/Power Equipment
Cooling/Heating
Energy Recovery
Combined Cycles

Wha	at were your least confident topics? Select 3.
	Basic Engineering Practice
	Fluid Mechanics
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	Mass Balance Principles
	Thermodynamics
	Supportive Knowledge
<b>✓</b> I	Hydraulic and Fluid Equipment
	Hydraulic and Fluid Distribution Systems
	Energy/Power Equipment
	Cooling/Heating
<b>✓</b> I	Energy Recovery
	Combined Cycles
Add	itional comments? Words of advice?
	s many practice problems as possible. Take the NCEES practice test at least 3 times as if re the actual exam.

Yes

## Thermal & Fluids PE Exam Survey - October 2017

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## Thermal & Fluids PE Exam Survey - October 2017

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<b>~</b>	Other: Take a course that gives you a summarized notebook of equations and how-to.

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What were	your most	confident to	pics? Select 3.
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- Basic Engineering Practice
- Fluid Mechanics
- Heat Transfer Principles
- Mass Balance Principles
- Thermodynamics
- Supportive Knowledge
- Hydraulic and Fluid Equipment
- Hydraulic and Fluid Distribution Systems
- Energy/Power Equipment
- Cooling/Heating
- Energy Recovery
- Combined Cycles

What were your least confident topics? Select 3.
Basic Engineering Practice
Fluid Mechanics
✓ Heat Transfer Principles
Mass Balance Principles
Thermodynamics
Supportive Knowledge
Hydraulic and Fluid Equipment
Hydraulic and Fluid Distribution Systems
Energy/Power Equipment
✓ Cooling/Heating
Energy Recovery
Combined Cycles
Additional comments? Words of advice?
Take a course that prepares you (like Testmasters or something). This will help you narrow down the broad spectrum of engineering into the principles that will be covered on the exam. If you just use PPI practice exams and sample questions, you will be over-prepared and will overthink/over-analyze every question.

## Thermal & Fluids PE Exam Survey - October 2017

Yes
No
ou did not pass, what was your score out of 80?
his your first time taking the exam?
Yes, this is my first time taking the PE exam.
No. 2nd time.
No. I have taken the exam more than 2 times.
w many hours did you study for this exam?
0 to 100 hours.
101 to 200 hours.
201 to 300 hours.
301 to 400 hours.
401 to 500 hours.
More than 501 hours.

$\bigcirc$	2 to 3 years
$\bigcirc$	3 to 4 years
$\bigcirc$	4 to 5 years
•	More than 5 years
$\bigcirc$	Other:
Wh	ich references would you recommend for the exam? *
	Personal study notes and cheat sheets.
<b>~</b>	NCEES Thermal & Fluids sample PE exam.
<b>~</b>	Engineering Pro Guides exam prep materials
	College Thermodynamics Book
	College Fluids Book
<b>~</b>	MERM
<b>~</b>	MERM - Practice Exam
	6 Minute Solutions - Practice Exam
<b>✓</b>	PPI Engineering Unit Conversions
	Other:

0	Extremely confident (I feel that I knew the correct answers to nearly all of the questions and guessed on less than 5 questions).
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What were your most confident topics? Select 3		
Basic Engineering Practice		
Fluid Mechanics		
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✓ Combined Cycles		

What were your least confident topics? Select 3.		
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✓ Fluid Mechanics		
Heat Transfer Principles		
Mass Balance Principles		
Thermodynamics		
Supportive Knowledge		
Hydraulic and Fluid Equipment		
Hydraulic and Fluid Distribution Systems		
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Cooling/Heating		
Energy Recovery		
Combined Cycles		
Additional comments? Words of advice?		

# Thermal & Fluids PE Exam Survey - October 2017

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<b>~</b>	MERM
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<b>~</b>	PPI Engineering Unit Conversions
<b>~</b>	Other: Goulds Pump Manual

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Cooling/Heating		
Energy Recovery		
Combined Cycles		

What were your least confident topics? Select 3.		
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Fluid Mechanics		
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Mass Balance Principles		
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Hydraulic and Fluid Equipment		
Hydraulic and Fluid Distribution Systems		
Energy/Power Equipment		
Cooling/Heating		
✓ Energy Recovery		
Combined Cycles		
Additional comments? Words of advice?		
The biggest difference from the first exam to the second for me was having all of the commonly used equations and conversion factors on a sheet right in front of me. This kept me		
from flipping through books and wasting valuable time. By the time the exam came around, I had most of them memorized I used them so much.		

# Thermal & Fluids PE Exam Survey - October 2017

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# Thermal & Fluids PE Exam Survey - October 2017

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Additional comments? Words of advice?

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## Thermal & Fluids PE Exam Survey - October 2017

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Additional comments? Words of advice?

## Thermal & Fluids PE Exam Survey - October 2017

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Yes

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# Thermal & Fluids PE Exam Survey - October 2017

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What were your most confid	dent topics? Select 3.
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Additional comments? Words of advice?

Did you pass the exam? \*

## Thermal & Fluids PE Exam Survey - October 2017

	Yes
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What were your most confident topics? Select 3.
Basic Engineering Practice
Fluid Mechanics
✓ Heat Transfer Principles
✓ Mass Balance Principles
✓ Thermodynamics
Supportive Knowledge
Hydraulic and Fluid Equipment
Hydraulic and Fluid Distribution Systems
Energy/Power Equipment
Cooling/Heating
Energy Recovery
Combined Cycles

What were your least confident topics? Select 3.
Basic Engineering Practice
Fluid Mechanics
Heat Transfer Principles
Mass Balance Principles
Thermodynamics
Supportive Knowledge
Hydraulic and Fluid Equipment
✓ Hydraulic and Fluid Distribution Systems
Energy/Power Equipment
✓ Cooling/Heating
Energy Recovery
Combined Cycles
Additional comments? Words of advice?

Did you pass the exam? \*

# Thermal & Fluids PE Exam Survey - October 2017

	Yes
$\bigcirc$	No
If y	ou did not pass, what was your score out of 80?
ls t	his your first time taking the exam?
•	Yes, this is my first time taking the PE exam.
$\bigcirc$	No. 2nd time.
$\bigcirc$	No. I have taken the exam more than 2 times.
Но	w many hours did you study for this exam?
$\bigcirc$	0 to 100 hours.
$\bigcirc$	101 to 200 hours.
$\bigcirc$	201 to 300 hours.
•	301 to 400 hours.
$\bigcirc$	401 to 500 hours.
$\bigcirc$	More than 501 hours.

$\bigcirc$	2 to 3 years
•	3 to 4 years
$\bigcirc$	4 to 5 years
$\bigcirc$	More than 5 years
$\bigcirc$	Other:
Wh	ich references would you recommend for the exam? *
<b>~</b>	Personal study notes and cheat sheets.
	NCEES Thermal & Fluids sample PE exam.
	Engineering Pro Guides exam prep materials
	College Thermodynamics Book
	College Fluids Book
<b>~</b>	MERM
	MERM - Practice Exam
	6 Minute Solutions - Practice Exam
<b>~</b>	PPI Engineering Unit Conversions
	Other:

0	Extremely confident (I feel that I knew the correct answers to nearly all of the questions and guessed on less than 5 questions).
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<b>~</b>	Basic Engineering Practice
<b>✓</b>	Fluid Mechanics
	Heat Transfer Principles
	Mass Balance Principles
<b>✓</b>	Thermodynamics
	Supportive Knowledge
	Hydraulic and Fluid Equipment
	Hydraulic and Fluid Distribution Systems
	Energy/Power Equipment
	Cooling/Heating
	Energy Recovery
	Combined Cycles

What were your least confident topics? Select 3.
Basic Engineering Practice
Fluid Mechanics
Heat Transfer Principles
Mass Balance Principles
Thermodynamics
Supportive Knowledge
Hydraulic and Fluid Equipment
✓ Hydraulic and Fluid Distribution Systems
✓ Energy/Power Equipment
Cooling/Heating
Energy Recovery
Combined Cycles
Additional comments? Words of advice?
Speed kills. Must be able to quickly get answers. Also, sometimes knowing what the answer isn't is just as helpful as knowing the answer.

# Thermal & Fluids PE Exam Survey - October 2017

Did you pass the exam? *
Yes
○ No
If you did not pass, what was your score out of 80?
Is this your first time taking the exam?
Yes, this is my first time taking the PE exam.
No. 2nd time.
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More than 501 hours.

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Wh	ich references would you recommend for the exam? *
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	College Fluids Book
<b>✓</b>	MERM
<b>~</b>	MERM - Practice Exam
	6 Minute Solutions - Practice Exam
	PPI Engineering Unit Conversions
	Other:

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	Hydraulic and Fluid Equipment
	Hydraulic and Fluid Distribution Systems
	Energy/Power Equipment
	Cooling/Heating
	Energy Recovery
	Combined Cycles

What were your least confident topics? Select 3.
Basic Engineering Practice
Fluid Mechanics
Heat Transfer Principles
Mass Balance Principles
Thermodynamics
Supportive Knowledge
Hydraulic and Fluid Equipment
Hydraulic and Fluid Distribution Systems
Energy/Power Equipment
Cooling/Heating
Energy Recovery
Combined Cycles
Additional comments? Words of advice?

Did you pass the exam? \*

Yes

## Thermal & Fluids PE Exam Survey - October 2017

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$\bigcirc$	2 to 3 years
$\bigcirc$	3 to 4 years
$\bigcirc$	4 to 5 years
$\bigcirc$	More than 5 years
•	Other: less than 2 years
Wh	ich references would you recommend for the exam? *
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	College Fluids Book
<b>~</b>	MERM
	MERM - Practice Exam
	6 Minute Solutions - Practice Exam
<b>~</b>	PPI Engineering Unit Conversions
<b>✓</b>	Other: MERM Practice Problems

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Basic Engineering Practice
Fluid Mechanics
Heat Transfer Principles
Mass Balance Principles
Thermodynamics
Supportive Knowledge
✓ Hydraulic and Fluid Equipment
✓ Hydraulic and Fluid Distribution Systems
✓ Energy/Power Equipment
Cooling/Heating
Energy Recovery
Combined Cycles

What were your least confident topics? Select 3.
Basic Engineering Practice
Fluid Mechanics
✓ Heat Transfer Principles
Mass Balance Principles
Thermodynamics
Supportive Knowledge
Hydraulic and Fluid Equipment
Hydraulic and Fluid Distribution Systems
Energy/Power Equipment
✓ Cooling/Heating
Energy Recovery
Combined Cycles
Additional comments? Words of advice?
MERM was the only reference I used during the exam. Make sure to know it very well. I actually wanted to bring the unit conversion book but it was out of stock. Highly recommend the unit conversion book! Spend a good amount of time studying and you will do fine.

# Thermal & Fluids PE Exam Survey - October 2017

Did you pass the exam? *
○ Yes
<ul><li>No</li></ul>
If you did not pass, what was your score out of 80?
45
Is this your first time taking the exam?
Yes, this is my first time taking the PE exam.
No. 2nd time.
No. I have taken the exam more than 2 times.
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	College Fluids Book
<b>~</b>	MERM
<b>~</b>	MERM - Practice Exam
	6 Minute Solutions - Practice Exam
<b>✓</b>	PPI Engineering Unit Conversions
	Other:

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What were your most confident to	opics? Select 3.
Basic Engineering Practice	
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✓ Heat Transfer Principles	
Mass Balance Principles	
Thermodynamics	
Supportive Knowledge	
✓ Hydraulic and Fluid Equipment	
Hydraulic and Fluid Distribution Syste	ems
✓ Energy/Power Equipment	
Cooling/Heating	
✓ Energy Recovery	
Combined Cycles	

What were your least confident topics? Select 3.
Basic Engineering Practice
Fluid Mechanics
Heat Transfer Principles
Mass Balance Principles
Thermodynamics
Supportive Knowledge
Hydraulic and Fluid Equipment
Hydraulic and Fluid Distribution Systems
Energy/Power Equipment
Cooling/Heating
Energy Recovery
Combined Cycles
Additional comments? Words of advice?

Yes

Did you pass the exam? \*

# Thermal & Fluids PE Exam Survey - October 2017

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✓ Heat Transfer Principles
Mass Balance Principles
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Supportive Knowledge
Hydraulic and Fluid Equipment
Hydraulic and Fluid Distribution Systems
Energy/Power Equipment
Cooling/Heating
Energy Recovery
Combined Cycles

What were your least confident topics? Select 3.
Basic Engineering Practice
Fluid Mechanics
Heat Transfer Principles
Mass Balance Principles
Thermodynamics
Supportive Knowledge
Hydraulic and Fluid Equipment
Hydraulic and Fluid Distribution Systems
Energy/Power Equipment
✓ Cooling/Heating
Energy Recovery
Combined Cycles
Additional comments? Words of advice?

Did you pass the exam? \*

Yes

# Thermal & Fluids PE Exam Survey - October 2017

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If y	ou did not pass, what was your score out of 80?
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What were your most confident topics? Select 3.
Basic Engineering Practice
✓ Fluid Mechanics
✓ Heat Transfer Principles
Mass Balance Principles
✓ Thermodynamics
Supportive Knowledge
✓ Hydraulic and Fluid Equipment
Hydraulic and Fluid Distribution Systems
Energy/Power Equipment
Cooling/Heating
Energy Recovery
Combined Cycles

Did you pass the exam? \*

Yes

# Thermal & Fluids PE Exam Survey - October 2017

0	No
If y	ou did not pass, what was your score out of 80?
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Hydraulic and Fluid Distribution Systems	
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Cooling/Heating	
Energy Recovery	
Combined Cycles	

What were your least confident topics? Select 3.
Basic Engineering Practice
Fluid Mechanics
Heat Transfer Principles
Mass Balance Principles
Thermodynamics
Supportive Knowledge
Hydraulic and Fluid Equipment
Hydraulic and Fluid Distribution Systems
Energy/Power Equipment
✓ Cooling/Heating
Energy Recovery
Combined Cycles
Additional comments? Words of advice?

Did you pass the exam? \*

# Thermal & Fluids PE Exam Survey - October 2017

	Yes
$\bigcirc$	No
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	6 Minute Solutions - Practice Exam	
	PPI Engineering Unit Conversions	
	Other:	

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What were your most confident topics? Select 3.	
✓ Basic Engineering Practice	
Fluid Mechanics	
Heat Transfer Principles	
Mass Balance Principles	
Thermodynamics	
Supportive Knowledge	
Hydraulic and Fluid Equipment	
Hydraulic and Fluid Distribution Systems	
Energy/Power Equipment	
Cooling/Heating	

**Energy Recovery** 

Combined Cycles

wr	nat were your least confident topics? Select 3.
	Basic Engineering Practice
	Fluid Mechanics
<b>~</b>	Heat Transfer Principles
	Mass Balance Principles
	Thermodynamics
<b>~</b>	Supportive Knowledge
	Hydraulic and Fluid Equipment
	Hydraulic and Fluid Distribution Systems
	Energy/Power Equipment
	Cooling/Heating
<b>~</b>	Energy Recovery
	Combined Cycles
Ad	ditional comments? Words of advice?
the	prepared for all unit conversions. The NCEES practice exam is only English units however PE exam contains a lot of SI units as well. All unit conversions and equations contain erent constants as well.

# Thermal & Fluids PE Exam Survey - October 2017

Did you pass the exam? *	
O Yes	
<ul><li>No</li></ul>	
If you did not pass, what was your score out of 80?	
44	
Is this your first time taking the exam?	
Yes, this is my first time taking the PE exam.	
No. 2nd time.	
O No. I have taken the exam more than 2 times.	
How many hours did you study for this exam?	
O to 100 hours.	
<ul><li>101 to 200 hours.</li></ul>	
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401 to 500 hours.	
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	2 to 3 years
$\bigcirc$	3 to 4 years
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	Other:

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What were your most confident topics? Select 3.	
Basic Engineering Practice	
✓ Fluid Mechanics	
✓ Heat Transfer Principles	
Mass Balance Principles	
✓ Thermodynamics	
Supportive Knowledge	
Hydraulic and Fluid Equipment	
Hydraulic and Fluid Distribution Systems	
Energy/Power Equipment	
Cooling/Heating	
Energy Recovery	
Combined Cycles	

What were your least confident topics? Select 3.
Basic Engineering Practice
Fluid Mechanics
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Mass Balance Principles
Thermodynamics
Supportive Knowledge
Hydraulic and Fluid Equipment
Hydraulic and Fluid Distribution Systems
Energy/Power Equipment
✓ Cooling/Heating
Energy Recovery
Combined Cycles
Additional comments? Words of advice?

Did you pass the exam? \*

Yes

# Thermal & Fluids PE Exam Survey - October 2017

0	No
If y	ou did not pass, what was your score out of 80?
ls t	his your first time taking the exam?
•	Yes, this is my first time taking the PE exam.
$\bigcirc$	No. 2nd time.
$\bigcirc$	No. I have taken the exam more than 2 times.
Но	w many hours did you study for this exam?
$\bigcirc$	0 to 100 hours.
•	101 to 200 hours.
$\bigcirc$	201 to 300 hours.
$\bigcirc$	301 to 400 hours.
$\bigcirc$	401 to 500 hours.
$\bigcirc$	More than 501 hours.

$\bigcirc$	2 to 3 years
$\bigcirc$	3 to 4 years
$\bigcirc$	4 to 5 years
$\bigcirc$	More than 5 years
$\bigcirc$	Other:
Wh	ich references would you recommend for the exam? *
<b>~</b>	Personal study notes and cheat sheets.
<b>~</b>	NCEES Thermal & Fluids sample PE exam.
	Engineering Pro Guides exam prep materials
	College Thermodynamics Book
	College Fluids Book
<b>~</b>	MERM
	MERM - Practice Exam
	6 Minute Solutions - Practice Exam
<b>~</b>	PPI Engineering Unit Conversions
	Other:

0	Extremely confident (I feel that I knew the correct answers to nearly all of the questions and guessed on less than 5 questions).
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# Thermal & Fluids PE Exam Survey - October 2017

Did you pass the exam? *	
O Yes	
<ul><li>No</li></ul>	
If you did not pass, what was your score out of 80?	
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