

# October 2018 - Machine Design & Materials 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 \*

Vaibhavkumar Patel

Company Name \*

Linde Engineering North America

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

Machinery's Handbook

Shigley's Machine Design

Roark

EMJ Blue Book

Other: \_\_\_\_\_

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

Cheat sheet and hand notes helps a lot  
\_\_\_\_\_

What do you wish you practiced or studied more? \*

Kinetics and support material  
\_\_\_\_\_

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

EPG was good help and it guided me to prepare my own hand written cheat sheet topic wise  
\_\_\_\_\_

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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Caleb

Company Name \*

Kenco 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)

\_\_\_\_\_

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Roark

EMJ Blue Book

Other: Tim Kennedy's mechanical engineering study guide

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

I wish there was more guidance on what practice exams and study materials to use.

### What do you wish you practiced or studied more? \*

More practice tests.

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

Find as many practice tests 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.

This was a great study exam, the problems were the right difficulty level and helpful in preparing.

---

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First Name \*

Ben

Company Name \*

FECo

Did you pass the PE exam? \*

Yes

No

Other: \_\_\_\_\_

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\_\_\_\_\_

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EMJ Blue Book

Other: \_\_\_\_\_

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

Anything about dynamics  
\_\_\_\_\_

What do you wish you practiced or studied more? \*

FEA fundamentals  
\_\_\_\_\_

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

Read the whole problem. Answer the question they're asking, not the question you think it is.  
\_\_\_\_\_

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Not a product I purchased.

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First Name \*

SHEN WENWU

Company Name \*

saudi aramco

Did you pass the PE exam? \*

Yes

No

Other: \_\_\_\_\_

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\_\_\_\_\_

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Roark

EMJ Blue Book

Other: \_\_\_\_\_

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

Exam syllabus/Topics  
\_\_\_\_\_

What do you wish you practiced or studied more? \*

all topics  
\_\_\_\_\_

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

Follow the eng pro guide Technical Study Guide  
\_\_\_\_\_

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First Name \*

Wasim

Company Name \*

Student

Did you pass the PE exam? \*

Yes

No

Other: Have not received results

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

\_\_\_\_\_

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Roark

EMJ Blue Book

Other: \_\_\_\_\_

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

Economics \_\_\_\_\_

What do you wish you practiced or studied more? \*

NCEES \_\_\_\_\_

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

Study hard \_\_\_\_\_

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Company Name \*

Student

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Yes

No

Other: Have not received results

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Machinery's Handbook

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Roark

EMJ Blue Book

Other: \_\_\_\_\_

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

Economics \_\_\_\_\_

What do you wish you practiced or studied more? \*

NCEES \_\_\_\_\_

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

Study hard \_\_\_\_\_

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First Name \*

Decline

---

Company Name \*

Decline

---

Did you pass the PE exam? \*

Yes

No

Other: 

---

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---

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Roark

EMJ Blue Book

Other:

A machine design reference, a materials reference, a vibrations reference, a solid mechanics reference, Mark's handbook, FE reference book

---

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

What the questions were going to be ;)

---

### What do you wish you practiced or studied more? \*

Corrosion related material.

---

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

While it's difficult to know how well one actually did without a diagnostics report because of how NCEES develops answers based on common mistakes, the test felt fair and straightforward. Relax and keep calm when you take the test and you'll perform well; the test isn't as bad as it's reported to be.

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Not applicable.

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First Name \*

G

Company Name \*

NYC

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? \*

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### Which references do you recommend for the exam? \*

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- NCEES sample exam
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- MERM
- Machinery's Handbook
- Shigley's Machine Design
- Roark
- EMJ Blue Book
- Other: Tim C. Kennedy

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

I should have bought more reference materials. MERM is not enough.

### What do you wish you practiced or studied more? \*

Engr Pro Guides. and subject matter books for material science.

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

Test was more difficult than NCEES practice exam. Cannot flip through the reference pages easily and find formulas. The questions are such a way that you need to apply your skills - not just plug numbers and calculate the answers. For example, MERM and other guides has Slider Crank mechanisms. The question in exam is bit difficult, I was not able to apply formulas from book.

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I haven't used. I am going to buy this time.

---

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First Name \*

Addison

Company Name \*

The Goodyear Tire & Rubber Co.

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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- Engineering Pro Guides
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- Roark
- EMJ Blue Book
- Other: \_\_\_\_\_

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

Truely how much information is covered and how many references you need to review to have a solid foundation to pass.

---

### What do you wish you practiced or studied more? \*

Statistics and material cost analysis

---

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

Most important thing is to mentally prepare yourself for 80 questions you that you will feel unprepared for. The fall exam was very challenging in my opinion and I felt every question required some time to try to simply understand what they were even looking for.

---

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Engineering Pro Guides were great! I would recommend more cost analysis problems about choosing the right materials based on strength and weight etc.

---

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First Name \*

Dillon

Company Name \*

Stantec

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)

48

How many hours did you study for the exam? \*

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- MERM
- Machinery's Handbook
- Shigley's Machine Design
- Roark
- EMJ Blue Book
- Other: TestMasters

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

That this exam was completely different than the last.

What do you wish you practiced or studied more? \*

I don't know.

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

Nope.

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.

Your guides are good. Please grammar and spell check, but otherwise very good.

---

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First Name \*

Andy

Company Name \*

Exponent

Did you pass the PE exam? \*

Yes

No

Other: \_\_\_\_\_

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- Machinery's Handbook
- Shigley's Machine Design
- Roark
- EMJ Blue Book
- Other: Kennedy review book

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

get the basics down- it's the only thing that was on the test-i.e. anything as hard as Limbergh is of little use per unit time studying

---

### What do you wish you practiced or studied more? \*

fringe easy topics (simple fea)

---

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

focus on pattern recognition

---

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was a great asset

---

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George

Company Name \*

New York

Did you pass the PE exam? \*

Yes

No

Other: \_\_\_\_\_

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\_\_\_\_\_

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First Name \*

Joe

Company Name \*

Caltrans

Did you pass the PE exam? \*

Yes

No

Other: \_\_\_\_\_

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\_\_\_\_\_



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First Name \*

Aydin

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)

45

How many hours did you study for the exam? \*

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Roark

EMJ Blue Book

Other:

Various textbook on Statics, Dynamics, Lindeburg's unit conversion book, FE prep books, Mechanical engineering handbook, two dictionaries, etc

---

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

Do not tell you are taking this exam to anybody

---

### What do you wish you practiced or studied more? \*

Vibration, a dn Mechanical applications

---

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

study hardest you can. Don't skip any subject a such as vibration like I did

---

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Your examples in the Engineering Pro Guides, coming from NCEES practice exam. There are a lots of mistakes in the ebook. Since you are selling pdf version, you should fix those errors as soon as possible.

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First Name \*

Taylor

Company Name \*

GCC

Did you pass the PE exam? \*

Yes

No

Other: \_\_\_\_\_

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EMJ Blue Book

Other: \_\_\_\_\_

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

I wish I would have known that the test is largely conceptual questions and less math-intensive questions.

---

### What do you wish you practiced or studied more? \*

I would have spent more time organizing and familiarizing myself with the reference materials that I brought to the exam.

---

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

I would advise future test takers to really learn and understand the concepts of machine design rather than grind out a million practice problems. The odds of a practice problem being exactly like an exam question is slim. In my opinion, understanding the fundamentals and being quick with your references is enough to pass.

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First Name \*

D

Company Name \*

V

Did you pass the PE exam? \*

Yes

No

Other: \_\_\_\_\_

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- Roark
- EMJ Blue Book
- Other: Callister Materials Science and Engineering

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

Start at least 100 days prior to the exam

### What do you wish you practiced or studied more? \*

Practice Problems

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

Do not take a break. Plan around being out sick for 2 weeks and being unable to study.

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First Name \*

Brian

Company Name \*

blah

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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Roark

EMJ Blue Book

Other: Kennedy blue book review - number one resource

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

that the test was a breeze ;)

What do you wish you practiced or studied more? \*

nothing

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

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.

your test was helpful and provided additional questions to use...sample questions are best way of studying in my opinion

---

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# October 2018 - Machine Design & Materials 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 \*

Pat

Company Name \*

Naval Surface Warfare Center

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
- Machinery's Handbook
- Shigley's Machine Design
- Roark
- EMJ Blue Book
- Other: Marks Handbook

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

The PPI practice problems are much harder than the test problems

### What do you wish you practiced or studied more? \*

Fatigue

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

Create binders with organized notes and equations for each type of problem. This will help ensure you complete problems under 6 minutes

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 purchased the practice exam along with the references exam. Both were a good representation of the actual test and the extra problems helped solidify subjects. Focus on completing as many problems as possible

---

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# October 2018 - Machine Design & Materials 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 \*

David

Company Name \*

California State University Los Angeles

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
- Machinery's Handbook
- Shigley's Machine Design
- Roark
- EMJ Blue Book
- Other: \_\_\_\_\_

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

That I wouldn't use 80% of the reference books that I had brought.

---

### What do you wish you practiced or studied more? \*

Economics/cost analysis and Materials Science.

---

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

Don't get stuck on any one problem. Keep moving and come back to difficulty problems on a 2nd or 3rd pass through.

---

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 felt the Mechanical: Machine Design practice test was pretty reflective of the level of questions on the actual PE exam. At least; closer than the other practice exam I had purchased. I took the Pro Guides practice exam the weekend prior and scored 82%. I passed the P.E., so I assume it's a pretty good reflection of how you will do on the actual exam. Thanks for the help preparing and passing the exam!

---

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# October 2018 - Machine Design & Materials PE Exam RESULTS Survey

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

First Name \*

Albert

Company Name \*

Boeing

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
- Machinery's Handbook
- Shigley's Machine Design
- Roark
- EMJ Blue Book
- Other: \_\_\_\_\_

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

Concentrate more on NCEES type problems vs PPI

---

### What do you wish you practiced or studied more? \*

Mechanisms

---

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

Work problems 75% and reading and studying 25%, take timed practice exams, keep a log of study time and meet your goals.

---

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.

Correct reference errors.

---

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# October 2018 - Machine Design & Materials 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 \*

Na

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

Machinery's Handbook

Shigley's Machine Design

Roark

EMJ Blue Book

Other: \_\_\_\_\_

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

More accurate practice tests. 6minute solutions too hard, ncees didn't cover everything

### What do you wish you practiced or studied more? \*

Vibrations, statistics/econ

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

Good luck, it's harder than the fee promise

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 - Machine Design & Materials 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 \*

Jacob

Company Name \*

TechnipFMC

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)

Texas results show score of 85

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

Machinery's Handbook

Shigley's Machine Design

Roark

EMJ Blue Book

Other: \_\_\_\_\_

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

I wish I knew my toddler would be sick at home for 3 weeks cutting into my intended studying time.

---

### What do you wish you practiced or studied more? \*

Economics

---

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

learn the breadth of exam subjects before choosing a specific one, maybe a petroleum is better than mdm depending on background

---

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 - Machine Design & Materials 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 \*

James

Company Name \*

Energy Recovery

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

Machinery's Handbook

Shigley's Machine Design

Roark

EMJ Blue Book

Other: \_\_\_\_\_

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

To take notes in my references.  
\_\_\_\_\_

What do you wish you practiced or studied more? \*

Nothing  
\_\_\_\_\_

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

Make sure you take the practice exams to take 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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Just a friendly reminder, you cannot disclose the actual exam (problems or solutions).

First Name \*

David

Company Name \*

CoreRx

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

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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 \*

Chris

Company Name \*

Schlumberger

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)

38

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
- Machinery's Handbook
- Shigley's Machine Design
- Roark
- EMJ Blue Book
- Other: \_\_\_\_\_

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

There is not one single method of studying that works for everyone.

---

### What do you wish you practiced or studied more? \*

I wish I had studied more problems that were similar to test problems. So much of what I worked was very in depth and time consuming rather than being similar to the exam.

---

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

Plan your study time into your week. Review sample questions from more than one source. I felt that the NCEES sample exams were not representative of the actual exam, so maybe don't rely on them as heavily as I did.

---

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

First Name \*

Crystal

Company Name \*

Gravity Group

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? \*

My approach was simple and inexpensive. I found as many practice tests as I could (three 80 question tests, I think). I took a four-hour timed half test almost every weekend starting a month and a week before the exam. I had done very little other review prior to taking my first practice test.

I bombed the first practice test (the NCEES one), but then I took every weeknight to review the questions in great detail, until I understood every one. This was the bulk of my reviewing. The weekend would come, and I'd take another timed stab at a practice test, then review what I missed during the week. Repeat 6X, then I took the real exam and passed!

The quality and difficulty of the practice tests varied, but I had enough material there to give me a good overview of MDM. I let the questions determine what topics I reviewed and when.

---

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 - Machine Design & Materials PE Exam RESULTS Survey

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

First Name \*

Robert

Company Name \*

Harris

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)

46

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

Machinery's Handbook

Shigley's Machine Design

Roark

EMJ Blue Book

Other: \_\_\_\_\_

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

Practice staying focused for 8 hours. \_\_\_\_\_

### What do you wish you practiced or studied more? \*

More realistic practice sessions. \_\_\_\_\_

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

If you have a bad back, expect to be in pain from sitting in chairs not made to be sat in for long periods of time. Take Ibuprofen, 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.

---

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# October 2018 - Machine Design & Materials PE Exam RESULTS Survey

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

First Name \*

Ahmed Albayoumy

Company Name \*

Applied Medical

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

Machinery's Handbook

Shigley's Machine Design

Roark

EMJ Blue Book

Other: \_\_\_\_\_

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

Start tackling problems sooner rather than reading theory and equation derivations

### What do you wish you practiced or studied more? \*

Vibrations problems

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

MERM was my go-to reference, and kept scribbling into the bookmarked sections of it info it was lacking from other references. This exam is not easy. Thank God I passed. Study hard all!

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.

Lots of typos that confuse rather than help. Other than that, there were benefit in getting your products as it's extra practice.

---

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# October 2018 - Machine Design & Materials PE Exam RESULTS Survey

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

First Name \*

Michael McDonald

Company Name \*

MTS

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

Machinery's Handbook

Shigley's Machine Design

Roark

EMJ Blue Book

Other: \_\_\_\_\_

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

How critical cheatsheets could save time. \_\_\_\_\_

### What do you wish you practiced or studied more? \*

Combined stress problems \_\_\_\_\_

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

Start your study by taking the ncees practice exam. Dont start studying sooner than 3 months. Ramp up your study time each day as the test gets closer. \_\_\_\_\_

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 pro guides exam was much easier than the real exam. Need to make it more difficult.

---

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

First Name \*

Karl

Company Name \*

Trinity Industries

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

Machinery's Handbook

Shigley's Machine Design

Roark

EMJ Blue Book

Other: \_\_\_\_\_

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

How to make a reference notebook  
\_\_\_\_\_

What do you wish you practiced or studied more? \*

Problems involving friction  
\_\_\_\_\_

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

Do as many practice problems as you can, then do some more.  
\_\_\_\_\_

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 purchased the guide kind of late in the study cycle. Even so, it was a HUGE help. It goes over what to expect on the exam in each section. It was like having a prebuilt reference notebook. Well worth the money.

---

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# October 2018 - Machine Design & Materials 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 \*

Mike

Company Name \*

AT

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
- Machinery's Handbook
- Shigley's Machine Design
- Roark
- EMJ Blue Book
- Other: Drawing Standards

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? \*

Start early, know where everything is

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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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 \*

Matt Coffman

Company Name \*

Aviation Technology Associates

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
- Machinery's Handbook
- Shigley's Machine Design
- Roark
- EMJ Blue Book
- Other: \_\_\_\_\_

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

Sections of the MERM that I don't need to spend a lot of time on. (e.g indeterminate statics)

---

### What do you wish you practiced or studied more? \*

Quality Assurance/Quality Control

---

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

N/A

---

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.

Justin, I really admire what you are trying to do with the pro guides as a means to cut the study material down to the essential concepts you need to know for the test. You've got a good product, but it is rife with errors and typos. Clean those up and you'll have a great product. (I'll email you a couple of things I noted during my studying.)

---

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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 \*

Alex

Company Name \*

Navy

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)

48

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

Machinery's Handbook

Shigley's Machine Design

Roark

EMJ Blue Book

Other: \_\_\_\_\_

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

More problems \_\_\_\_\_

What do you wish you practiced or studied more? \*

More problems \_\_\_\_\_

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

More 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.

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# October 2018 - Machine Design & Materials 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 \*

Andrew

Company Name \*

None

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)

44



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

Machinery's Handbook

Shigley's Machine Design

Roark

EMJ Blue Book

Other: \_\_\_\_\_

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

Everything \_\_\_\_\_

What do you wish you practiced or studied more? \*

Everything \_\_\_\_\_

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

No \_\_\_\_\_

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First Name \*

Eric

Company Name \*

Lockheed Martin Space

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

Machinery's Handbook

Shigley's Machine Design

Roark

EMJ Blue Book

Other: \_\_\_\_\_

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

That engineering pro guides existed

---

### What do you wish you practiced or studied more? \*

Machines, dynamics, and vibrations. I would have loved to have more example machine design problems.

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

The NCEES practice exam and pro guides practice exams were the most relevant study material out of everything. Get a baseline understanding through the engineering pro technical guide first. Do the practice problems, review Shigleys, tab your charts, bring an elevated book stand like the one from better back (helped me stay organized because you could use what's on top and below the stand). Reviewing the MERM should be more for understanding where information and equations are, not the in-depth explanations. You only need the level of understanding provided in Engineering Pro Guides Technical manuals.

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I LOVED the Machine Design and Materials Mechanical reference manual and the practice exams! They were the foundation of the material I used to pass (along with the NCEES practice exam – know that practice exam well!) They provided just the baseline understanding so that you can master the fundamentals needed for you to reason through the PE Exam. If I had spent more time going through the MERM (I spent many painful hours using only the MERM before discovering Engineering Pro Guides), I would not have had enough time (3 months of study time) to know enough material to be confident with the exam.

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# October 2018 - Machine Design & Materials PE Exam RESULTS Survey

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

First Name \*

James

Company Name \*

Student

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

Machinery's Handbook

Shigley's Machine Design

Roark

EMJ Blue Book

Other: \_\_\_\_\_

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

There is extra stuff on the exam in addition to what NCEES lists. ME Machine Design:  
statistics/economics etc

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### What do you wish you practiced or studied more? \*

Statistics and statics

---

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

Don't over prepare. I only needed 3 references to pass so don't bring too many

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# October 2018 - Machine Design & Materials PE Exam RESULTS Survey

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

First Name \*

Chrissy

Company Name \*

appareo

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
- 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

Machinery's Handbook

Shigley's Machine Design

Roark

EMJ Blue Book

Other: \_\_\_\_\_

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

there's no breadth/ depth section anymore! Don't bother studying the other stuff! Get the exam specification directly from the NCEES website.

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### What do you wish you practiced or studied more? \*

More practice problems.

---

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

Breathe. Do problems. Practice.

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