



CIVIL  
ENGINEERING

ACADEMY

# THE ULTIMATE CIVIL PE REVIEW COURSE

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EXAM FORMAT AND SPECIFICATION  
REVIEW

# EXAM FORMAT – GOING CBT!

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# EXAM FORMAT

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## CBT

- The PE is a computer-based exam which kicked off going CBT in January of 2022.
- The exam is still 80 questions.
- The exam is 9 hours (NDA – 2 min, tutorial – 8 min, exam – 8 hrs, break – 50 min).
- New alternative item type questions are now sprinkled in. Multiple choice is still the majority of questions, but they can now ask:
  - Multiple correct
  - Point and click
  - Drag and drop
  - Fill in the blank
- The exam is year-round meaning you can take it any time you want.
- The current fee is \$375 (\$50 to reschedule your exam date).

# EXAM FORMAT

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## CBT

- Scores are typically available in 7 – 10 days (awesome!) and you'll be notified by email.
- The exams are administered at a Pearson Vue testing center (no longer massive conference centers).
- You may attempt a exam one time per testing window and no more than three times in a 12 month period.
  - January to March
  - April to June
  - July to September
  - October to December
- You need an ID, a confirmation letter, your NCEES approved calculator, and approved comfort items (jacket, glasses, hearing aids, eye drops).
- Your only references are the PE Reference Handbook and codes/standards.

# EXAM FORMAT

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## CBT

- Everyone's exam will be different, but problems will be at a similar difficulty level.
- You'll still have 'breadth' and 'depth' type questions, but they can mix them up and ask you any of these at any time. There's not a clear AM and PM section anymore.
- They'll provide you a locker for your phone, etc.
- They'll give you a booklet to write things out.

And that's it! Welcome to the CBT PE exam!



# SPECIFICATION REVIEW

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# SPECIFICATION REVIEW

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## Specifications

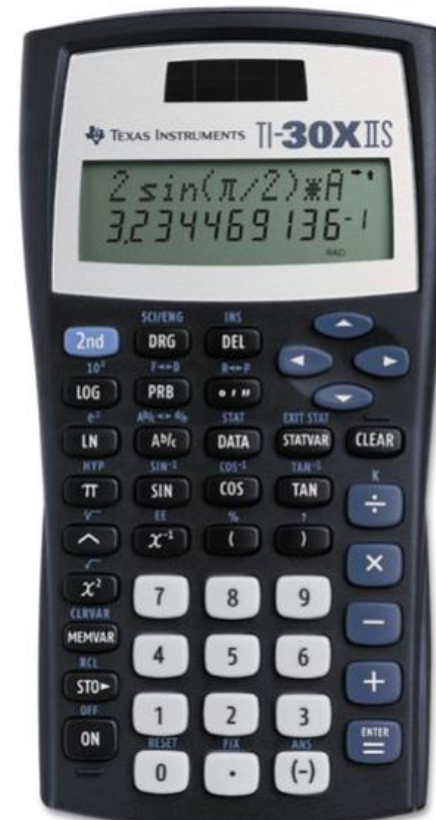
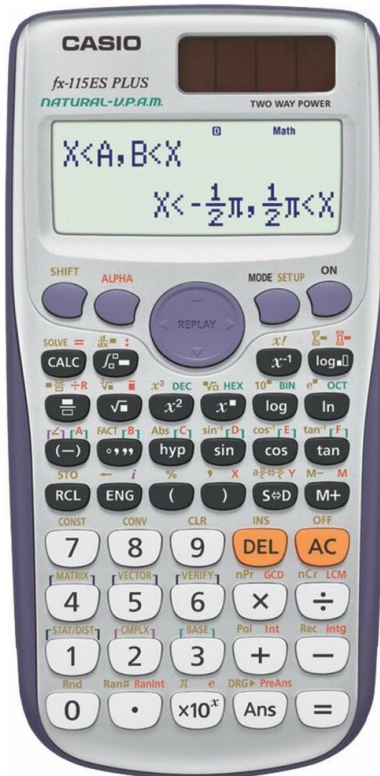
- Breadth and depth specifications have the same breadth sections and various depth sections.
- We'll quickly review them all.



# SPECIFICATION REVIEW

## Approved Calculators

1. Casio: all fx-115 and fx-991 models
2. Hewlett Packard: the HP 33s and HP35s models, no others
3. Texas Instruments: all TI-30X and TI-36X models



# PASS RATES

## NCEES Pass Rates

- These historically don't change too much.

Exam	First-time takers		Repeat takers		Format	Availability	Last updated
	Volume	Pass Rate	Volume	Pass Rate			
PE Agricultural and Biological Engineering	16	69%	1	100%	P&P	Once per year	Dec 2020
PE Architectural Engineering	64	56%	21	38%	P&P	Once per year	June 2021
PE Chemical	221	57%	75	43%	CBT	Year round	July 2021
PE Civil: Construction	805	53%	715	26%	P&P	Twice per year	June 2021
PE Civil: Geotechnical	488	66%	477	48%	P&P	Twice per year	June 2021
PE Civil: Structural	1447	56%	883	35%	P&P	Twice per year	June 2021
PE Civil: Transportation	1685	70%	1038	51%	P&P	Twice per year	June 2021
PE Civil: Water Resources and Environmental	1850	67%	936	44%	P&P	Twice per year	June 2021

## COMING UP NEXT

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### Course Outline and Objectives

1. Getting you from A to Z.





CEA