



# Pass PE and FE by PESE Inc. with Dr. Mansour

2290 E. Warner Ave, Fresno, CA 93710

Telephone: Office – (559) 776-3655

Dr. Mansour – (559) 289-6412

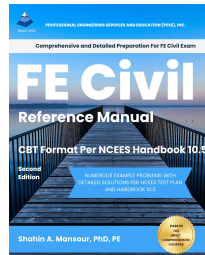
Web: [www.passpe.com](http://www.passpe.com) • Email: Dr. Mansour – [info@passpe.com](mailto:info@passpe.com) Office – [names@passpe.com](mailto:names@passpe.com)

## Dr. Mansour's Spring 2026 Courses

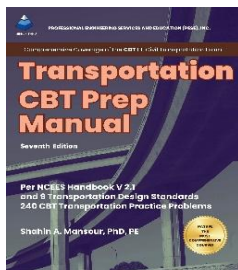
### NEW PE-RHB V 2.1 (PE) and FE-RHB 10.5 (FE)

### FE and PE CIVIL CBT Courses and Books

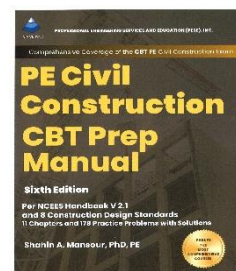
**Our Passing Rate for the  
NEW PE Civil CBT Exam is  
90% as of 11/2025**



**Live Instructions  
+ On-Demand for  
24 Weeks**



**Transportation CBT 7<sup>th</sup> Edition**



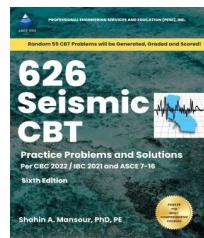
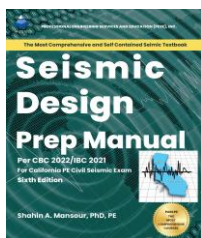
**Construction CBT 6<sup>th</sup> Edition**

Celebrating **34** years Offering FE, PE Civil, Transportation PM,  
Construction PM, CA Seismic CBT, CA Surveying CBT Courses and Books

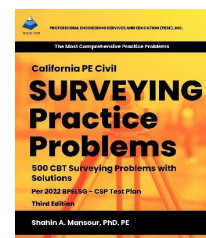
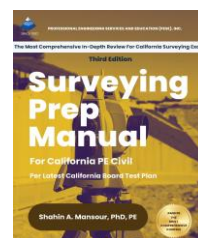
**Dr. Mansour's Books Are Rated Very Highly on Amazon by your Fellow Engineers**

- ❖ Comprehensive Review Courses ❖
- ❖ Well Organized, Focused, and Updated Textbooks Authored by Dr. Mansour ❖
- ❖ Highly Qualified and Sincere Instructors ❖

## NEW CA Seismic and Surveying Courses and Books Per CA Board Test Plans 2024



**CA Seismic CBT, 6<sup>th</sup> Edition  
Per CBC 2022/IBC 2021, SDPWS 2021, ASCE 7-16  
Effective January 2024**



**CA Surveying CBT, 3<sup>rd</sup> Edition  
New CA Surveying Test Plan  
Effective January 2024**



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## Are You Recently Graduated? Do You Need a Refresher of the Concept?

Our PREP Courses and study materials are prepared, organized, and oriented for those who recently graduated or who need a refresher of the concepts and theory for the subject matter.

### Withdrawal Policy for Live and On-Demand Prep Courses

- 1- Live Classes and Webinars:** *Withdrawal within 5 days after receiving any materials by the applicant:* Upon receiving the study materials back, the refund will be made. The study materials must be in the same condition as received. PESE is not responsible for returns damaged in transit. A \$175 processing fee will be applied.
- 2- Live Classes and Webinars:** *Withdrawal after 5 days from receiving any study materials:* Refund will be allowed after deducting the current price of the study materials posted on the website: [www.passpe.com](http://www.passpe.com) plus \$175 processing fee.
- 3- On-Demand Courses:** *Withdrawal for On-Demand Courses within first 24 hours of purchase:* Study materials will not be shipped until after this period (24 hrs. of purchase), afterwards all sales are final and no refund will be issued.
- 4- No refund will be made after the first day of live classes and webinars.** Transfer of the applicant will be made to the following prep courses upon availability.

### Free Repeat Policy

Any participant who doesn't pass the exam may repeat the same course for free, within **ONE YEAR** of the initial purchase date. For complete terms and conditions, please read the repeat policy on our website

### PESE Prep Courses Study Materials

Study materials will be distributed the first day of class for in class participants. For webinar participants, materials will be received before webinars start. Books (some or all) may be mailed before the first class upon availability. **The 5-day withdrawal policy will apply upon receiving any book/books (1 or all) included with the prep course.** Ground shipping within US. Outside U.S. and other shipping methods will be extra charge

### Courses Discounts

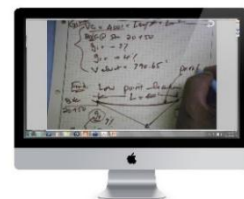
- The 5% multiple course enrollment discount for Seismic and Surveying, as well as the group discount (only applicable after members identified) reimbursed after purchase.



Live Classes



Live Interactive Webinars



On Demand Access for ONE YEAR

**1- FE Civil CBT Format Per NCEES Ref. RHB V10.5: Ch. 1-14 (96 hrs. Live Course with on-demand + 3 books).**

**2- FE Civil CBT Question Bank: 4-month access + FE Civil CBT Workbook.**

**3- PE Civil Transportation Prep Course: 10 Ch., 103 hr. Live Prep Course and 103 hrs On-Demand + 5 books.**

**4- PE Civil Transportation Practice Problems Course: 10 Ch., 52 hr Course + 52 hr on-demand + 4 books.**

**5- PE Civil Transportation Question Bank Workshop: 4-month access + Transportation CBT Workbook.**

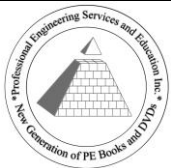
**6- PE Civil Construction Practice Problems Course: 52 hr Course + 52 hr on-demand + 4 books.**

**7- Seismic Prep Course CBT Format, Live Course: 66.5 hrs. + 66.5 hrs. On-Demand + 2 books + 1 USB.**

**8- Seismic Question Bank Workshop: 4-month access + Seismic CBT Workbook.**

**9- Surveying Prep Course CBT Format, Live Course: 61.5 hrs. + 61.5 hrs. On-Demand + 4 books + 1 USB.**

**10- Surveying Question Bank CBT Format: 4-month access + Surveying CBT Workbook.**



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Study materials will be distributed the first day of class or mailed upon receiving the registration with the proper fees at earliest availability. Per NCEES, the following Codes and References Standards for PE Civil Exams were used in developing and preparing our Study Materials, Prep Courses, and Problem-Solving Workshops.

## NEW HB V2.1 Transportation Module CBT Format per April 2024 NCEES 9 Design Standards References

1. AASHTO A Policy on Geometric Design of Highways and Streets, 2018, 7<sup>th</sup> ed.
2. AASHTO GDPS-4-M, Guide for Pavement Structures, 4<sup>th</sup> edition, 1993 with 1998 supplement.
3. AASHTO GPF-1, Guide for the Planning, Design, and operation of Pedestrian Facilities, 1<sup>st</sup> ed., 2004
4. AASHTO HSM-1: Highway Safety Manual, 1<sup>st</sup> ed., Vols. 1-3, 2010, (errata Sept. 2010, Feb. 2012, and March 2016).
5. AASHTO MEPDG-2: Mechanistic –Empirical Pavement Design Guide, August 2022
6. AASHTO RSDG-4: Road Side Design, 4<sup>th</sup> ed., 2011, (Feb. 2012 & July 2015 errata).
7. FHWA HIF-12-026: Hydraulic Design of Highway Culverts (April 2012 ed.).
8. HCM 2016, 6<sup>th</sup> ed., Vols. 1-3, with Corrections, Clarifications, and replacements.
9. MUTCD 2009, including Revisions 1 and 2 dated May 2012.

**FIVE Engineering Degrees, 37 Years University Teaching Experience, and 34 Years Teaching FE, PE Civil Transp., Const., Seismic, and Surveying Prep Courses. Authored more than 18 Prep Books for FE, PE, Seismic, and Surveying.**

**(See rating on Amazon)**

Dr. Mansour will be teaching all prep courses & workshops. Highly qualified (5 degrees), experienced Civil Engineering Professor (37 years teaching at NMSU & CSU-Fresno), easy, and step-by step approach (34 years teaching PE, FE, Seismic & Surveying) has gained him popularity & a great reputation.

## New HB V2.1 Construction Module CBT Format per April 2024 NCEES 8 Design Standards References

1. ACI 347R, *Guide to Formwork for Concrete*, 2014
2. ACI SP-4, *Formwork for Concrete*, 8<sup>th</sup> ed, 2014.
3. AISC 14<sup>th</sup> edition, *Steel Construction Manual*, 2011, parts 1-3, 8, 16.1(Chapters M, N) and 16.2.
4. ASCE 37-14, *Design Loads on Structures During Construction*, 2015.
5. CMWB, *Standard Practice for Bracing Masonry Walls Under Construction*, 2012.
6. MUTCD-Pt 6: 2009, Part 6, 2009.
7. CFR TITLE 29: US Dept. of Labor, July 2020  
Part 1903: Inspection, citations & proposed penalties  
Part 1904: Recording and Reporting Occup. Injuries and Illnesses.  
Part 1926 Safety and Health Regulations for Const.
8. PCA EB001: *Design and Control of Concrete Mixtures* 17<sup>th</sup> ed., 2021.

## Live Classes/Webinars VERSUS On Demand

Live Classes/Webinars	On Demand
<b>2 for 1: With the purchase of a Live course you gain access to the same On Demand course and vice versa.</b>	
<ul style="list-style-type: none"><li>• <b>Live Class:</b> You have to travel to attend classes at the location indicated on the schedule. NO reimbursement for the travel expenses.</li><li>• <b>Live Webinar:</b> You'll get the same materials covered during the live classes. You can attend classes from any location (home, office, road.) where internet access is available.</li></ul>	<ul style="list-style-type: none"><li>• Access to content at all times for the allotted access time.</li><li>• Access to Office Hours for live interactive help.</li><li>• Same content as live sessions available to you whenever you need it.</li><li>• Same study materials offered as live courses.</li></ul>



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**NCEES  
RHB 10.5**

## NEW COMPREHENSIVE FE CIVIL PREP COURSE

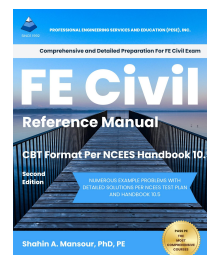
**FE Civil CBT (NCEES 10.5 Chapters 1-14)**  
**Comprehensive Prep Course with Workshop**

**96 hours live instructions with on-demand (24/7) for 365 days and 3 books for \$895**

**Hours:** 96 hours of Instruction & workshops

### Books and Access to On-Demand:

- 1) FE Civil Reference Manual, 1<sup>st</sup> ed. Per NCEES Reference Manual 10.5, by Dr. Shahin Mansour, PE
- 2) NCEES Practice Exam
- 3) NCEES FE Reference Handbook, V 10.5
- 4) 365 days on-demand access (24/7)



	Day	Date	Time (PST)	Hrs.	How? and Where?	Subject (Lecture & Workshop)
1	Sun.	TBA	8:30 AM-4:30 PM	7	Live Class in Fresno/Live Web	1- Mathematics and Statistics (Lecture and workshop)
2	Fri	TBA	5:30 PM-7:30 PM	2	FE Civil Workshop #1	Problems Solving Session
3	Sun.	TBA	8:30 AM-4:30 PM	7	Live Class in Fresno/Live Web	2- Ethics & Prof. Practice (Lect. & Wks) 3- Eng. Economics (Lect. & Wks) 4- Statics (Lecture and workshop)
4	Sun.	TBA	8:30 AM-4:30 PM	7	Live Class in Fresno/Live Web	5- Dynamics (Lecture and workshop)
5	Fri	TBA	5:30 PM-7:30 PM	2	FE Civil Workshop #2	Problems Solving Session
6	Sun.	TBA	8:30 AM-4:30 PM	7	Live Class in Fresno/Live Web	6- Mechanics of Materials (Lect. & Wks)
7	Fri	TBA	5:30 PM -7:30 PM	2	FE Civil Workshop #3	Problems Solving Session
8	Sun.	TBA	8:30 AM-4:30 PM	7	Live Class in Fresno/Live Web	7- Materials (Lecture and workshop) 8- Fluid Mechanics (Lecture & workshop)
9	Sun.	TBA	8:30 AM-4:30 PM	7	Live Class in Fresno/Live Web	9- Surveying (Lect. & workshop)
10	Sun.	TBA	8:30 AM-4:30 PM	7	Live Class in Fresno/Live Web	10- Water resources and Environmental Eng. (Lect. & workshop)
11	Sun.	TBA	8:30 AM-4:30 PM	7	Live Class in Fresno/Live Web	11- Structural Engineering (Lecture & Wks)
12	Sun.	TBA	8:30 AM-1:30 PM	7	Live Class in Fresno/Live Web	12- Geotechnical Eng. (Lect. & workshop)
14	Fri	TBA	5:30 PM-7:30 PM	2	FE Civil Workshop #4	Problems Solving Session
13	Sun.	TBA	8:30 AM-4:30 PM	7	Live Class in Fresno/Live Web	13- Transportation Eng. (Lect. & workshop)
14	Fri	TBA	5:30 PM-7:30 PM	2	FE Civil Workshop #5	Problems Solving Session
15	Sun.	TBA	8:30 AM-4:30 PM	7	Live Class in Fresno/Live Web	14- Construction (Lecture and workshop)
16	Fri	TBA	5:30 PM-7:30 PM	2	FE Civil Workshop #6	Problems Solving Session
17	Sun.	TBA	8:30 AM-4:30 PM	7	Live Class in Fresno/Live Web	<b>FE Civil CBT Practice Exam</b>
			<b>Total</b>	<b>96</b>		
<b>Total Hours = 96 hrs</b>						





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NCEES HB V2.1

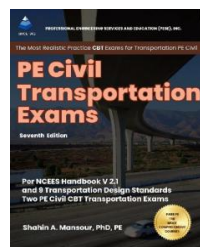
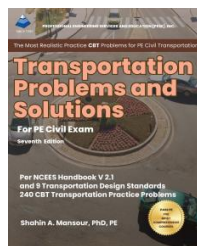
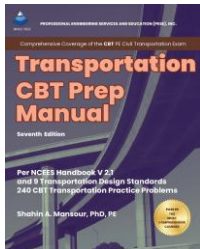
## NEW Starting Spring 2026 - 7<sup>th</sup> Edition

### PE civil Transportation Prep Course With Workshops

Mock Exam Per NCEES 9 Design Standards & NCEES 2024 CBT Format

**103 hours live Interactive Instruction and 103 hours on-demand (24/7) for 24 weeks and 5 books for \$1200**

This transportation comprehensive prep course is designed and organized to focus only on the Transportation PM Module topics per the NCEES 9 references and NCEES exam specifications: (1) AASHTO A Policy on Geometric Design of Highways and Streets 2018, 7<sup>th</sup> ed. (2) AASHTO Road Side Design, 4<sup>th</sup> ed., 2011, Feb. 2012 & July 2015 errata (3) HCM 2016, 6<sup>th</sup> ed., Vols. 1-3 (4) MUTCD 2009, including Revisions 1 and 2 dated May 2012 2016 (5) AASHTO GDPS-4-M, Guide for Pavement Design (6) AASHTO 2022, Mechanistic –Empirical Pavement Design Guide (7) FHWA Hydraulic Design of Highway Culverts (2012 ed.) (8) AASHTO 2004 Pedestrian Facilities (9) Highway Safety Manual, 1<sup>st</sup> ed., Vols. 1-3, 2010, (errata Feb. 2012). **The five books are included with the comprehensive prep course fee. Books shipped upon enrollment.**



Book #1			Book #2		Book#3	Book #4	Book #5	
#	Day	Date	Time (PST)	hrs	Fresno	Subject/Chapter(s)		# of Questions
1	Sat	1/17/26	8:30 AM-4:30 PM	7	Live Class/Web	<b>Ch.1: Project Management:</b> Quantity and Cost Estimating, Project Schedules (e.g. activity identification and sequencing), Economic Analysis (present worth, lifecycle costs)		6-9
2	Fri	1/23/26	5:30 PM-7:30 PM	2	Live Class/Web	Workshop #1		
3	Sat	1/31/26	8:30 AM-4:30 PM	7	Live Class/ Web	<b>Ch.2: Traffic Eng.:</b> Uninterrupted flow, Traffic Analysis, Accident Analysis, Pedestrian and Bicycle Facilities, HSM.		10-15
4	Fri	2/6/26	5:30 PM-7:30 PM	2	Live Class/Web	Workshop #2		
5	Sat	2/14/26	8:30 AM-4:30 PM	7	Live Class/ Web	<b>Ch.2: Traffic Eng.:</b> Uninterrupted flow, Traffic Analysis, Accident Analysis, Pedestrian and Bicycle Facilities, HSM.		10-15
6	Sat	2/28/26	8:30 AM-4:30 PM	7	Live Class/ Web	<b>Ch.3: Roadside and Cross-Section Design:</b> Clear Zone, Barrier Design, Cross-Section Elemts, and ADA.		7-11
7	Sat	3/14/26	8:30 AM-4:30 PM	7	Live Class/ Web	<b>Ch.4: Horizontal Design:</b> Curves (circular and Spiral), Sight Distances, Superelev., Comp. and Reverse, Coord.		8-12
8	Fri	3/20/26	5:30 PM-7:30 PM	2	Live Class/Web	Workshop #3		
9	Sat	3/28/26	8:30 AM-4:30 PM	7	Live Class/Web	<b>Ch.5: Vertical Design:</b> Vertical Alignment, SSD, PSSD, and Vertical Clearance (Crest and Sag Curves).		8-12
10	Fri	4/3/26	5:30 PM-7:30 PM	2	Live Class/Web	Workshop # 4		
11	Sat	4/11/26	8:30 AM-4:30 PM	7	Live Class/ Web	<b>Ch.6: Intersection Geometry:</b> ISD, Interchanges, At-Grade Intersection layout, including roundabouts.		7-11
12	Fri	4/17/26	5:30 PM-7:30 PM	2	Live Class/Web	Workshop #5		
13	Sat	4/25/26	8:30 AM-4:30 PM	7	Live Class/ Web	<b>Ch.7: Traffic Signals: Traffic:</b> Signal Timing, Signal Warrants, and Trsfic Signal Design.		5-8
14	Fri	5/1/26	5:30 PM-7:30 PM	2	Live Class/Web	Workshop #6		
15	Sat	5/9/26	8:30 AM-4:30 PM	7	Live Class/ Web	<b>Ch. 8: Traffic Control Design:</b> Signs and Pavement Marking, and Temporary Traffic Cont.		5-8
16	Fri	5/15/26	5:30 PM-7:30 PM	2	Live Class/Web	Workshop #7		
17	Sat	5/23/26	8:30 AM-4:30 PM	7	Live Class/ Web	<b>Ch.9: Geotechnical and Pavement:</b> Design Traffic Analysis, Testing and Sampling, Rigid and Flexible Pav. Design, Settl. and Compaction,Cut, Fill, Mass Diagram		6-9
18	Fri	5/29/26	5:30 PM-7:30 PM	2	Live Class/Web	Workshop #8		
19	Sat	6/6/26	8:30 AM-4:30 PM	7	Live Class Web	<b>Ch.10: Drainage:</b> Hydrology, Culvert Design, Storm Water Collection Systems, Gutter Flow,Open-Channel Flow.		8-12
20	Fri	6/12/26	5:30PM-7:30 PM	2	Live Class/Web	Workshop #9		
21	Sat	6/20/26	8:30 AM-5:00 PM	8	Live Class/Web	Transportation Module CBT Mock Exam (80 questions)		
Total Hours = 77 hrs. (lectures and problems solving) + 18 hrs. (Workshops) + 8 hrs. (mock exam and solutions) = 103 hrs.								
On-Demand (Recordings of Spring 2026 CBT Course) = 103 hours.								



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NCEES HB V2.1

## NEW Starting Spring 2026 - 7<sup>th</sup> ed.

NCEES HB V2.1

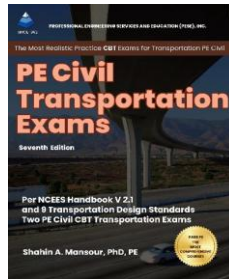
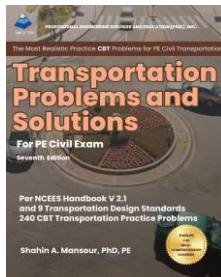
## PE Civil Transportation Practice Problems Course

### Access to Question Bank

CBT Mock Exam Per NCEES 9 Design Standards and 2024 CBT Format

**52 hours live Interactive Practice Problems Sessions and 52 on-demand (24/7) for 24 weeks and 4 books for \$695**

This transportation comprehensive course is designed and organized to focus only on the PE Civil Transportation topics per the NCEES 9 references and NCEES exam specifications: (1) AASHTO A Policy on Geometric Design of Highways and Streets 2018, 7<sup>th</sup> ed. (2) AASHTO Road Side Design, 4<sup>th</sup> ed., 2011, Feb. 2012 & July 2015 errata (3) HCM 2016, 6<sup>th</sup> ed., Vols. 1-3 (4) MUTCD 2009, including Revisions 1 and 2 dated May 2012, and 2016 (5) AASHTO GDPS-4-M, Guide for Pavement Design (6) AASHTO 2022, Mechanistic – Empirical Pavement Design Guide (7) FHWA Hydraulic Design of Highway Culverts (2012 ed.) (8) AASHTO 2004 Pedestrian Facilities (9) Highway Safety Manual, 1<sup>st</sup> ed., Vols. 1-3, 2010, (errata Feb. 2012). **The four books are included with the Transportation Practice Problems Course. Books will be shipped upon enrollment.**



Book #1

Book #2

Book #3

Book #4

#	Day	Date	Time (PST)	hrs	Fresno	Subject/Chapter(s)	# of Questions
1	Sun	1/18/26	8:30 AM-12:30 PM	4	Live Class/ Web	<b>Ch.1: Project Management:</b> Quantity and Cost Estimating, Project Schedules (e.g. activity identification and sequencing), Economic Analysis (present worth, lifecycle costs)	<b>6-9</b>
2	Sun	2/1/26	8:30 AM-12:30 PM	4	Live Class/ Web	<b>Ch.2: Traffic Eng.:</b> Uninterrupted flow, Traffic Analysis, Accident Analysis, Pedestrian and Bicycle Facilities, HSM.	<b>10-15</b>
3	Sun	2/15/26	8:30 AM-12:30 PM	4	Live Class/ Web	<b>Ch.2: Traffic Eng.:</b> Uninterrupted flow, Traffic Analysis, Accident Analysis, Pedestrian and Bicycle Facilities, HSM.	<b>10-15</b>
4	Sun	3/1/26	8:30 AM-12:30 PM	4	Live Class/ Web	<b>Ch.3: Roadside and Cross-Section Design:</b> Clear Zone, Barrier Design, Cross-Section Elements, and ADA.	<b>7-11</b>
5	Sun	3/15/26	8:30 AM-12:30 PM	4	Live Class/ Web	<b>Ch.4: Horizontal Design:</b> Curves (circular and Spiral), Sight Distances, Superelev., Comp. and Reverse, Coord.	<b>8-12</b>
6	Sun	3/29/26	8:30 AM-12:30 PM	4	Live Class/ Web	<b>Ch.5: Vertical Design:</b> Vertical Alignment, SSD, PSSD, and Vertical Clearance (Crest and Sag Curves).	<b>8-12</b>
7	Sun	4/12/26	8:30 AM-12:30 PM	4	Live Class/ Web	<b>Ch.6: Intersection Geometry:</b> ISD, Interchanges, At-Grade Intersection layout, including roundabouts.	<b>7-11</b>
8	Sun	4/26/26	8:30 AM-12:30 PM	4	Live Class/ Web	<b>Ch.7: Traffic Signals:</b> Traffic: Signal Timing, Signal Warrants, and Traffic Signal Design.	<b>5-8</b>
9	Sun	5/10/26	8:30 AM-12:30 PM	4	Live Class/ Web	<b>Ch. 8: Traffic Control Design:</b> Signs and Pavement Marking, and Temporary Traffic Cont.	<b>5-8</b>
10	Sun	5/24/26	8:30 AM-12:30 PM	4	Live Class/ Web	<b>Ch.9: Geotechnical and Pavement:</b> Design Traffic Analysis, Testing and Sampling, Rigid and Flexible Pav. Design, Settl. and Compaction, Cut, Fill, Mass Diagram	<b>6-9</b>
11	Sun	6/7/26	8:30 AM-12:30 PM	4	Live Class/ Web	<b>Ch.10: Drainage:</b> Hydrology, Culvert Design, Storm Water Collection Systems, Gutter Flow, Open-Channel Flow.	<b>8-12</b>
12	Sat	6/20/26	8:30 AM-5:00 PM	8	Live Class/ Web	<b>Transportation Module CBT Mock Exam (80 questions)</b>	
<b>Total Hours = 44 hrs. (problems solving Sessions) + 8 hrs. (mock exam and solutions) = 52 hours</b>							
<b>On-Demand (Recordings of Spring 2026 CBT Practice Problems Workshop Sessions) = 52 hours</b>							



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Telephone: Office – (559) 776-3655

Dr. Mansour – (559) 289-6412

Web: [www.passpe.com](http://www.passpe.com) • Email: Dr. Mansour – [info@passpe.com](mailto:info@passpe.com) Office – [names@passpe.com](mailto:names@passpe.com)

NCEES HB V2.1

**NEW Starting April 2024 - 6<sup>th</sup> Edition**

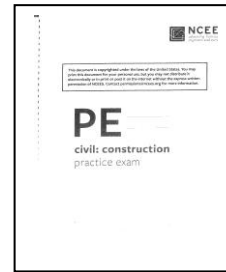
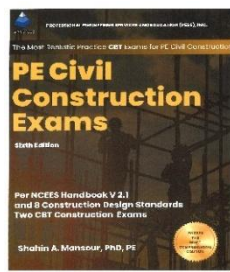
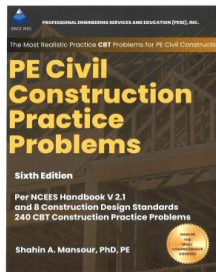
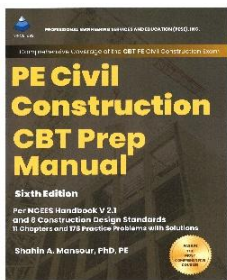
NCEES HB V2.1

## PE civil Construction Practice Problems Course Access to Question Bank

**CBT Mock Exam Per NCEES 8 Design Standards and 2024 CBT Format**

**52 hours live Interactive of Practice Problems and 52 hours on-demand (24/7) for 24 weeks and 5 books for \$695**

The PREP COURSE is designed and organized to focus only on the Construction PM Module topics. The new 2022 NCEES 8 references: (1) ACI 347R, Guide to Formwork for Concrete, 8<sup>th</sup> ed. 2014 (2) ACI SP-4, Formwork for Concrete, 8th ed, 2014 (3) AISC 14<sup>th</sup> edition, Steel Construction Manual, 2011, part 2 1-3,8, 16.1 and 16.2 (4) ASCE 37-14, Design Loads on Structures During Construction, 2015 (5) CMWB, Standard Practice for Bracing Masonry Walls Under Construction, 2012. (6) MUTCD 2009, Part 6, 2009, (7) CFR Title 29, Part 1903. Part 190, July 2020, and (8) PCA EB 001, Design and Control of Concrete Mixtures, 17<sup>th</sup> ed, 2021. **The five books are included with the comprehensive prep course fee. Books will be shipped upon enrollment.**



Book #1			Book #2		Book #3		Book #4		Book #5		
#	Day	Date	Time (PST)	hrs	Fresno	Subject/Chapter(s)			# of questions		
1	Sat	1/24/26	8:30 AM-12:30 PM	4	Live Class/ Web	<b>Ch.1: Soil Mechanics:</b> Lateral earth pressure, consolidation and settl., eff. & total stresses, bearing capacity, slope stability.			6-9		
2	Sat	2/7/26	8:30 AM-12:30 PM	4	Live Class/ Web	<b>Ch.2: Site Layout and Development:</b> Layout and control (e.g., staking, benchmarks, elevations), Basic horizontal and vertical curve elements (e.g., middle ordinate, length, chord, radius), Site investi. (e.g., adjacent structures & properties, utilities)			5-8		
3	Sat	2/21/26	8:30 AM-12:30 PM	4	Live Class/ Web	<b>Ch.3: Material Properties:</b> Soil, rock and aggregates (e.g., boring log interp., classification, strength, permeability, comp.), Concrete (e.g., mix design, adm., prop.), Steel (e.g., str., reinf., prests),Wood (sawn, eng)			5-8		
4	Sat	3/7/26	8:30 AM-12:30 PM	4	Live Class/ Web	<b>Ch.4: Estimating Quantities and Costs:</b> Quantity Take-Off Methods, Cost Estimating, Cost Analysis for Resources Selection. Work Measurement and Productivity.			6-9		
5	Sat	3/21/26	8:30 AM-12:30 PM	4	Live Class/ Web	<b>Ch.5- Project Planning and Scheduling:</b> Construction Sequencing, Activity Time Analysis, CPM, Resource Scheduling and Leveling, and Time-Cost-Trade-Off.			7-11		
6	Sat	4/4/26	8:30 AM-12:30 PM	4	Live Class/ Web	<b>Ch.6- Material, Production, and Execution Quality Control:</b> Properties & Testing, Welding and Bolting, QA/QC, Concrete mixing and Prp., Concrete Maturity, Strength Eva.,Compaction			7-11		
7	Sat	4/18/26	8:30 AM-12:30 PM	4	Live Class/ Web	<b>Ch.7- Structural Mechanics:</b> Loads (e.g., dead, live, construction, wind, preloading), Statics and stresses, Structural members (beams, columns, one-way slabs) , and Structural systems (found., ret. walls, trusses, frames, two-way slabs, slab-on-grade)			7-11		
8	Sat	5/2/26	8:30 AM-12:30 PM	4	Live Class/ Web	<b>Ch.8-Hydraulics and Hydrology:</b> Stormeater collection and drainage. Storm characteristics and runoff analysis (rational and SCS/NRCS, erosion control), Dention/retention ponds			4-6		
9	Sat	5/16/26	8:30 AM-12:30 PM	4	Live Class/ Web	<b>Ch.9- Construction Operations and Methods:</b> Lifting and Rigging, Crane Stability. Dewatering and Pumping, Equipment Operations, Deep Foundation Installation. Exc, and Emb.			9-14		
10	Sat	5/30/26	8:30 AM-12:30 PM	4	Live Class/ Web	<b>Ch.10-Design for Support of Construction Loads:</b> Construction loads, Formwork, Falsework and Scaffolding, Shoring and Reshoring, Bracing and Anchorage, Support of Exc.			10-15		
11	Sat	6/13/26	8:30 AM-12:30 PM	4	Live Class/ Web	<b>Ch.11-Health and Safety:</b> OSHA Regulations, Safety Management, Work Zone and Public Safety.			4-6		
12	Sat	6/27/26	8:30 AM-5:00 PM	8	Live Web	Construction Module CBT Mock Exam (80 questions)					
Total Hours = 44 hrs. (lectures and problems solving) + 8 hrs. (mock exam and solutions) = 52 hrs.											





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**New CA Test Plan**

**NEW Starting January 2026 – 6<sup>th</sup> Edition**

**New CA Test Plan**

## Seismic Review for Professional License - Per 2024 CA Board Plan

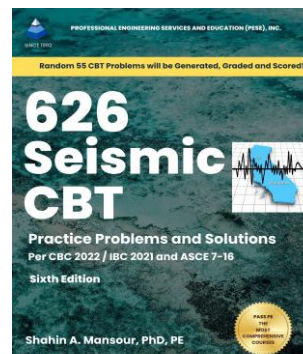
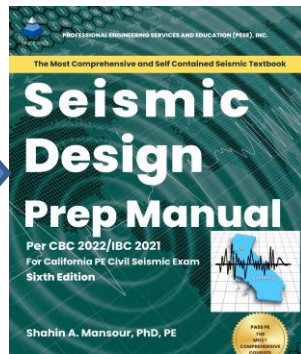
**CBC 2022/IBC 2021, ATC 20, ATC 20-1, SDPWS 2021, and ASCE 7-16**

**71.5 hours live Instructions with on-demand (24/7) for 24 Weeks and 2 books for \$495**

**Dr. Mansour's Prep Books Are Rated Very Highly on Amazon by Your Fellow Engineers**

The 71.5 hours of live instructions instruction and workshops will prepare the participants for the special seismic exam for California Civil P.E. The course will explain the seismic design of buildings and other structures as required by the California Building Code (CBC) 2022-Part 2, Vol. 2 which is based on IBC 2021, ASCE 7-16, SDPWS 2021, ATC 20 & ATC 20-1. The included books are authored by the highly qualified and knowledgeable Dr. Mansour, who presents the subject in a logical sequence of seismic topics with an easy approach. Complete PREP COURSE even if the participant has never had a seismic course before. This textbook is the **ONLY** textbook on the market that has built-in color coded tabs. The concise and comprehensive summary of equations, tables, and charts provided at the beginning of the book makes it a unique, complete, and self-contained textbook as stated by our previous participants. **The two books are included with the comprehensive prep course fee. Study materials will be mailed upon registration with course fees per our policies.**

- **THE MOST COMPREHENSIVE AND STAND ALONE BOOK.**
- **IT HAS 224 CBT PRACTICE PROBLEMS WITH DETAILED SOLUTIONS.**



- **THE ONLY BOOK IN THE MARKET THAT HAS 626 SEISMIC PROBLEMS with detailed SOLUTIONS.**
- **UNLIMITED RANDOM NUMBER of TIMED CBT EXAMS ARE GENERATED (55 Questions each).**

**Book #1**

**Book #2**

#	Day	Date	Time (PST)	Hrs.	Fresno	Subject/Chapter(s)
1	Sun	1/18/26	1:30 PM-7:00 PM	5.5	Live Class/ Web	Ch. 1: introduction, Ch. 2: Codes, 3: Loads and Analysis
2	Sun	1/25/26	1:30 PM-7:00 PM	5.5	Live Class/ Web	Ch. 4: Earthquakes theory, and Ch. 5: Vibration theory
3	Sun	2/1/26	1:30 PM-7:00 PM	5.5	Live Class/ Web	Ch. 6: Seismic design of building structures
4	Sun	2/15/26	1:30 PM-7:00 PM	5.5	Live Class/ Web	Ch. 6: Seismic design of building structures
5	Sun	2/22/26	1:30 PM-7:00 PM	5.5	Live Class/ Web	Ch. 6: Seismic design of building structures
6	Sun	3/1/26	1:30 PM-7:00 PM	5.5	Live Class/ Web	Ch. 6: Seismic design of building structures
7	Sun	3/15/26	1:30 PM-7:00 PM	5.5	Live Class/ Web	Ch. 7: Seismic design for nonstructural components
8	Sun	3/22/26	1:30 PM-7:00 PM	5.5	Live Class/ Web	Ch. 8: Seismic design for nonbuilding structures
9	Sun	3/29/26	1:30 PM-7:00 PM	5.5	Live Class/ Web	Ch. 9: Horizontal diaphragm and shear walls
10	Sun	4/5/26	1:30 PM-7:00 PM	5.5	Live Class/ Web	Ch.10: Seismic details for wood structures
11	Sun	4/12/26	1:30 PM-7:00 PM	5.5	Live Class/ Web	Ch. 11: Geotech., 12: Concrete, 13: Masonry, 14: Steel
12	Sun	4/19/26	1:30 PM-7:00 PM	5.5	Live Class/ Web	Ch.15: Damage & Retrofit, Ch.16: Tests and Inspection
13	Sun	4/26/26	1:30 PM-7:00 PM	5.5	Live Class/ Web	Practice CBT Exam

**Total Hours = 71.5 hrs Live Classes and workshops + 71.5 hrs On-demnad (24/7)**

**California Special Seismic Exams Are Offered Quarterly. Check with CA Board for Information**

**Live course also grants access to the current class recordings as ON-DEMAND for 24 weeks from the enrollment day.**





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Per CA Test Plan

**NEW Starting January 2026 – 3<sup>rd</sup> Edition**

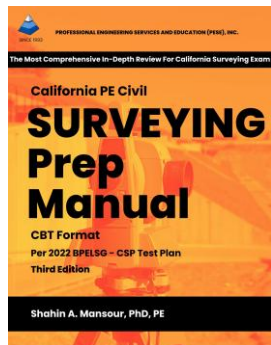
PE CA Test Plan

## Surveying Review for Professional License - Per 2024 CA Board Plan

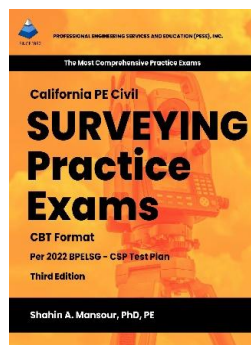
**61.5 hours live Instructions with on-demand (24/7) for 24 Weeks and 4 books For \$425**

**Dr. Mansour's Prep Books Are Rated Very Highly on Amazon by Your Fellow Engineers**

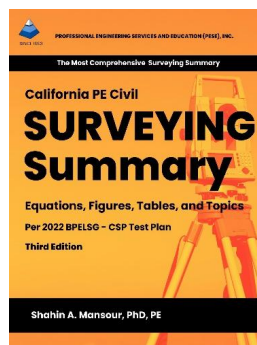
This is the MOST COMPREHENSIVE surveying review course in the market. The **FOUR BOOKS** are authored by the highly qualified and knowledgeable instructor Dr. Mansour who presents the subject in a logical sequence of surveying topics, easy approach. This PREP COURSE covers the surveying topics assuming the participant has never had a surveying course before. This textbook is the **ONLY** book on the market that has built-in color coded tabs. These color built-in tabs will help you locate topics quickly during the exam (time saver). The concise and comprehensive summary of equations, tables, and charts provided at the beginning of the book, makes it a unique, complete, and self-contained textbook as stated by our previous participants. **The four books are included with the comprehensive prep course fee. Study materials will be mailed upon registration with course fees per our policies.**



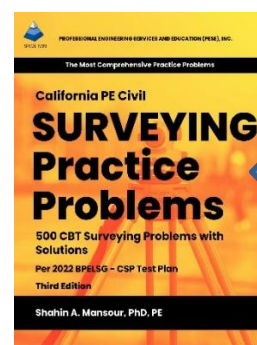
Book #1



Book #2



Book #3



Book #4

➤ **THE ONLY BOOK** AVAILABLE IN THE MARKET THAT HAS 500 SURVEYING PROBLEMS.

➤ **UNLIMITED NUMBER** of TIMED CBT EXAMS (55 Questions each).

All books are based on the 2021 CA Board Exam Specifications and references  
Books descriptions available on page 13 as well as [www.passpe.com](http://www.passpe.com)

#	Day	Date	Time (PST)	Hrs.	Fresno	Subject/Chapter(s)
1	Sat	1/24/26	1:30 PM-7:00 PM	5.5	Live Class/ Web	Ch. 1: Introduction Ch. 2: Theory of measurements Ch. 3: Equipment and field notes
2	Sat	2/7/26	1:30 PM-7:00 PM	5.5	Live Class/ Web	Ch. 4: Horizontal Distance Measurements
3	Sun	2/8/26	1:30 PM-7:00 PM	5.5	Live Class/ Web	Ch. 5: Leveling Theory and Applications
4	Sat	2/21/26	1:30 PM-7:00 PM	5.5	Live Class/ Web	Ch. 6: Angles, Bearings, and Compass
5	Sat	3/7/26	1:30 PM-7:00 PM	5.5	Live Class/ Web	Ch. 7: Traverse Computations
6	Sun	3/8/26	1:30 PM-7:00 PM	5.5	Live Class/ Web	Ch. 8: Length, Area, Volume
7	Sat	3/21/26	1:30 PM-7:00 PM	5.5	Live Class/ Web	Ch. 9: Topography
8	Sat	3/22/26	8:30 AM-12:30 PM	4.0	Live Class/ Web	Ch.10: Horizontal and Vertical Curves
9	Sat	4/4/26	1:30 PM-7:00 PM	5.5	Live Class/ Web	Ch. 11: State Plane Coord,12: Construction Survey
10	Sun	4/5/26	8:30 AM-12:30 PM	4.0	Live Class/ Web	Ch. 13: Photogrammetry
11	Sun	4/18/26	1:30 PM-7:00 PM	5.5	Live Class/ Web	Ch.14: USPLS, 15: GPS, GIS
12	Sun	4/19/26	8:30 AM-12:30 PM	4.0	Live Class/ Web	Practice Exam

**Total Hours = 61.5 hrs. Live course + 61.5 On-demnad (24/7)**

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**Dr. Mansour's Prep Books Are Rated Very Highly on Amazon by Your Fellow Engineers**

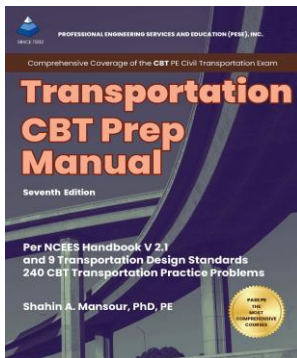
(Search on Amazon: books by Dr. Shahin Mansour)

**NCEES  
HB V 2.1**

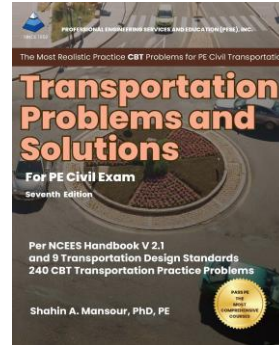
## 1- PE Civil – 2024 Transportation CBT (10 Chapters), 7<sup>th</sup> Edition

**Dr. Mansour's Prep Books Are Rated Very Highly on Amazon by Your Fellow Engineers**

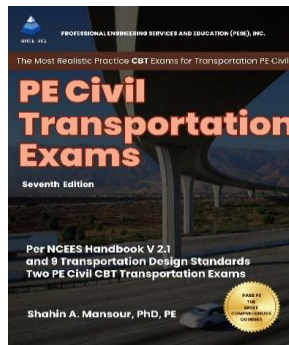
Transportation Reference Manual CBT Format, 6<sup>th</sup> edition for the PE Civil CBT Exam includes more than 185 practice problems with detailed solutions. It includes the Transportation 10 Chapters. The 10 chapters in the textbook are based on the current Transportation 9 Design References, NCEES Reference Handbook V2.1, and topics listed in the NCEES exam specifications per 2024 CBT Exam.



Transportation Practice Problems and Solutions, 7<sup>th</sup> edition for Transportation Module of the PE Civil Exam includes more than 215 practice problems with detailed solutions. It includes the Transportation 10 Chapters. The 10 Chapters are based on current NCEES HB V2.1, Transportation 9 Design References, and topics listed in the NCEES exam specifications per 2024 CBT Exam.



The PE Civil Transportation Exams, 7<sup>th</sup> edition includes two full-length multiple-choice exams. Each exam contains 80 problems with detailed solutions citing the NCEES Handbook V2.1, and the Transportation 9 Design References per 2024 NCEES CBT Exam Specifications and Topics.





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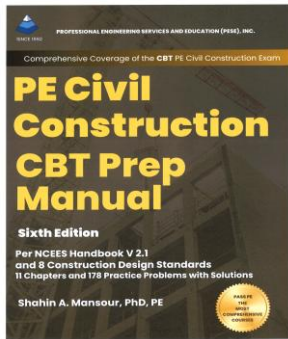
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**NCEES  
HB V 2.1**

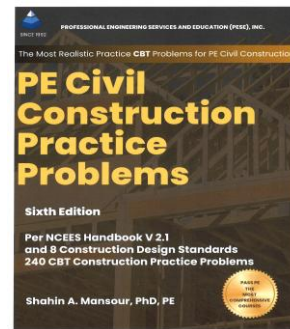
## 2-PE Civil – Construction CBT (11 Chapters), 6<sup>th</sup> Edition

**Dr. Mansour's Prep Books Are Rated Very Highly on Amazon by Your Fellow Engineers**

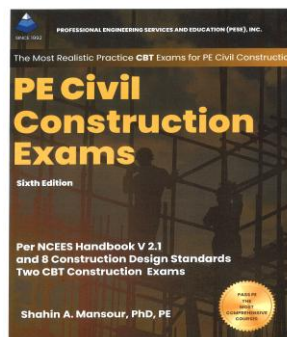
PE Civil Construction Prep Manual, 6<sup>th</sup> edition, for the PE Civil Exam authored by Dr. Mansour includes the PM Topics of the NCEES Construction Module CBT Exam Topics. The book includes 11 Chapters of the Construction topics. The 11 Chapters are based on the NCEES HB V 2.1, and the 8 Construction Design Standards and topics listed in the NCEES exam specifications per 2024 CBT Exam. The book has 180 practice multiple choice and AIT problems and solutions.



Construction Practice problems and solutions in Construction Module, 6<sup>th</sup> edition for the PE Civil Exam includes more than 200 practice problems and detailed solutions. The book includes 11 Chapters for the PE Civil Construction CBT Exam. The 11 Chapters are based on the current NCEES V 2.1, the 8 design standards, and topics listed in the NCEES exam specifications per 2024 CBT Exam.



PE Civil Construction Practice Exams and Solutions, 6<sup>th</sup> edition includes two full length multiple choice exams with the AIT format. Each exam contains 80 problems with detailed solutions citing the NCEES HB V2.1 and the 8 construction Design Standards per 2024 CBT NCEES Exam Specifications.







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CBC 2022/ IBC 2021

**NEW Starting January 2024 - 6<sup>th</sup> Edition**

CBC 2022/ IBC 2021

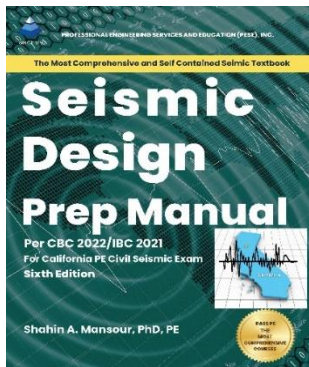
**Seismic Prep Textbooks Per**

**CBC 2022/IBC 2021, ASCE 7-16, SDPWS 2021, ATC 20,**

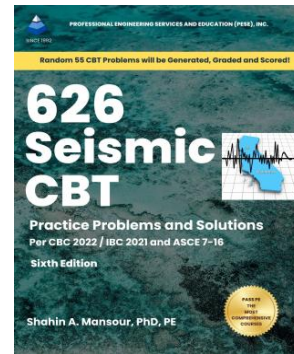
**ATC 20-1, and 2024 California Board Test Plan**

**6<sup>th</sup> Edition, Dr. Shahin A. Mansour, PE**

**Dr. Mansour's Prep Books Are Rated Very Highly on Amazon by Your Fellow Engineers**



Dr. Mansour's **Seismic Design Prep Manual, 6<sup>th</sup> edition**, textbook is based on California Building Code (CBC) 2022-Part 2, Vol. 2 which is based on IBC 2021, ASCE 7-16, SDPWS 2021, ATC 20 & ATC 20-1. Unlimited CBT seismic exams can be generated. Each exam consists of 55 questions in 2.5 hrs to simulate the actual exam. The score of each practice exam will be provided. The concise and comprehensive summary of equations, tables, and charts provided at the beginning of the book, makes it a unique, almost complete, and self-contained book.



This new **626 seismic Practice Problems and Solutions, 6<sup>th</sup> edition** authored by Dr. Shahin Mansour is based on California Building Code (CBC) 2022 - Part 2, Vol. 2 which is based on IBC 2021, ASCE 7-16, SDPWS 2021, ATC 20 & ATC 20-1. Unlimited CBT seismic exams can be generated. Each exam consists of 55 questions in 2.5 hrs. to simulate the actual exam. The score of each practice exam will be provided. The book contains detailed solutions to all 626 problems citing all equations, tables, charts from the seismic references. The book helped thousands of engineers to prepare and pass the CA special seismic exam.

- THE MOST COMPREHENSIVE AND STAND ALONE BOOK IN THE MARKET AS STATED BY YOUR FELLOW ENGINEERS .
- IT HAS 224 PRACTICE PROBLEMS WITH DETAILED SOLUTIONS.

- THE ONLY BOOK AVAILABLE IN THE MARKET THAT HAS 626 SEISMIC PROBLEMS PER CA SEISMIC TEST PLAN.
- THE ONLY BOOK AVAILABLE IN THE MARKET THAT CAN GENERATE UNLIMITED NUMBER of TIMED CBT EXAMS (55 Questions each). EACH EXAM IS GRADED AND SCORED.



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New CA Test Plan

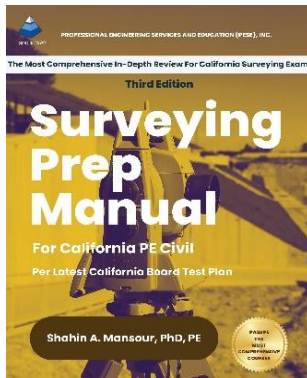
**NEW Starting January 2024 – 3<sup>rd</sup> Edition**

New CA Test Plan

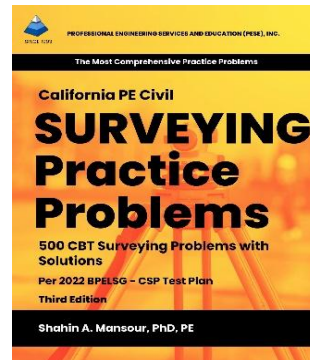
**Surveying Prep Textbooks Per California Board Test Plan**

**3<sup>rd</sup> Edition, Dr. Shahin A. Mansour, PE**

**Dr. Mansour's Prep Books Are Rated Very Highly on Amazon by Your Fellow Engineers**



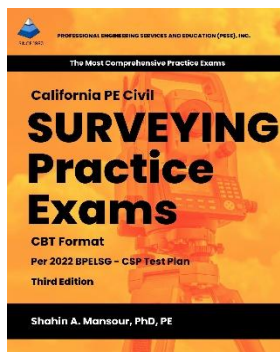
This new edition (3<sup>rd</sup> edition) of the **Surveying for California PE Civil License** is based on the **2024 California Test Plan** for the special 2.5 hrs. **The book has 270 CBT problems.** Unlimited CBT Surveying exams can be generated from this book. Each exam consists of 55 questions in 2.5 hrs. to simulate the actual exam. The score of each exam will be shown. The provided concise and comprehensive summary of equations, tables, and charts, makes this textbook unique, almost complete, and self-contained.



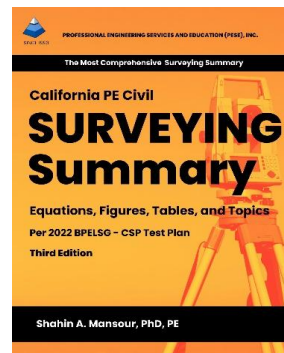
➤ **THE ONLY BOOK AVAILABLE IN THE MARKET THAT HAS 500 SURVEYING PROBLEMS.**

➤ **UNLIMITED NUMBER of TIMED CBT EXAMS (55 Questions each).**

The 3<sup>rd</sup> edition of **500 surveying CBT Practice Problems and Solutions for California PE Civil License** is based on the **2024 California Test Plan** for the special 2.5 hrs. CBT exam. Unlimited CBT Surveying exams can be generated from this book. Each exam consists of 55 questions in 2.5 hrs. to simulate the actual exam. The score of each practice exam will be shown. The concise and comprehensive summary of equations, tables, and charts provided makes this textbook unique.



**Surveying Practice Exams and Solutions for California PE Civil License, 3<sup>rd</sup> edition,** book is based on the **2024 California Test Plan** for the special 2.5 hrs. CBT exam. Unlimited CBT Surveying exams can be generated from this book. Each exam consists of 55 questions in 2.5 hrs. to simulate the actual exam. The score of each practice exam will be shown. The concise and comprehensive summary of equations, tables, and charts provided at the beginning of the book, makes it a unique a very useful book.



**Surveying Comprehensive Summary of Glossary, Definitions, Equations, and Topics, 3<sup>rd</sup> edition** book is based on the **2024 California Test Plan** for the special 2.5 hrs CBT exam. The comprehensive summary of equations, tables, and charts provided makes this book very useful, unique, almost complete, and self-contained during the actual CBT Surveying Exam.



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