



Pass PE by Professional Engineering Services and Education Inc. (PES&E)

with Dr. Mansour PE

2290 E. Warner Ave, Fresno, CA 93710

Telephone: Office – (559) 776-3655

Dr. Mansour – (559) 289-6412

Web: www.passpe.com • Email: Dr. Mansour – info@passpe.com Office – names@passpe.com

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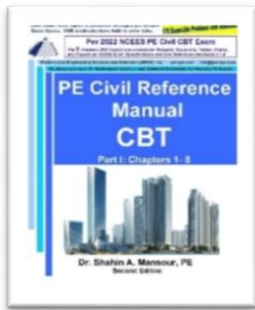
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Dr. Mansour's Spring 2023 Courses

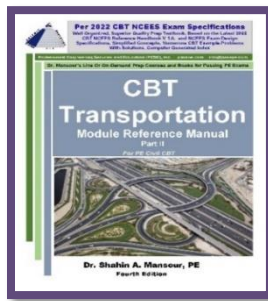
NEW PE CIVIL CBT Prep Courses and CBT Books

Live Instructions + On-Demand for 365 days
Our Passing Rate for the NEW PE Civil CBT Exam is 85%*

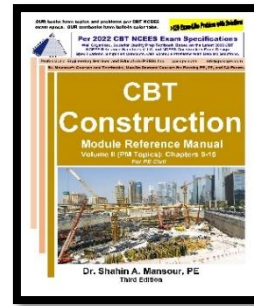
*as of 12/2/2022



CBT 2nd Edition



CBT 4th Edition

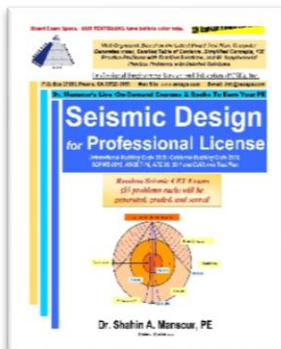


CBT 3rd Edition

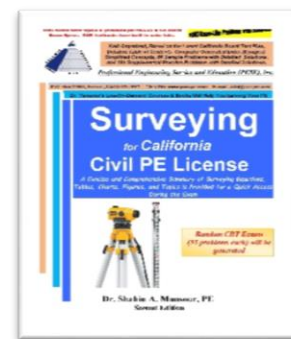
Celebrating 31 years Offering FE, PE Civil, Transportation PM, Construction PM, CA Seismic CBT, CA Surveying CBT Courses

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 ❖



CA Seismic CBT, 5th Ed.-ASCE 7-16/IBC2018



CA Surveying CBT, 2nd Edition



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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 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

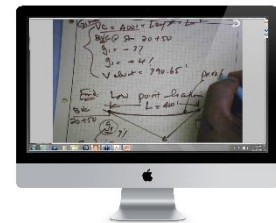
- PE Civil Breadth, Transportation and Construction Depth Enrollment **5% discount.**
- The **5% multiple course enrollment discount for Seismic and Surveying, as well as the group discount (only applicable after members identified) reimbursed after purchase.**



Live Classes (Per CDC Rules)



Live Interactive Webinars



On Demand Access for ONE YEAR

- 1- PE Civil Breadth CBT Format: Ch. 1- 8 (65 hrs. live classes + 82 hrs. On-Demand + 5 books)
- 2- Transportation Module CBT Format: Ch. 9-18 (65 hrs. live classes + 80 hrs. On-Demand + 5 books)
- 3- Construction Module CBT Format: Ch. 9-15 (58 hrs. live classes + 60 hrs. On-Demand + 5 books)
- 4- Seismic Prep Course CBT Format (Live classes 45 hrs. + 55 hrs. On-Demand + 2 books + 1 USB)
- 5- Surveying Prep Course CBT Format (Live classes 40 hrs.+55 hrs. On-Demand+ 4 books + 1 USB)



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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 Transportation Module CBT Format per 2022 NCEES 9 References

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

New Construction Module CBT Format per 2022 NCEES 8 References

1. ACI 347R, *Guide to Formwork for Concrete*, 2014
2. ACI SP-4, *Formwork for Concrete*, 8th ed, 2014.
3. AISC 14th 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* 17th ed., 2021.

Live Classes/Webinars VERSUS On Demand

Live Classes/Webinars	On Demand
2 for 1: With the purchase of a Live course you gain access to the same On Demand course and vice versa.	
<ul style="list-style-type: none"> • Live Class: You have to travel to attend classes at the location indicated on the schedule. NO reimbursement for the travel expenses. • Live Webinar: 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. 	<ul style="list-style-type: none"> • Access to content at all times for the allotted access time. • Access to Office Hours for live interactive help. • Same content as live sessions available to you whenever you need it. • Same study materials offered as live courses.

***System Requirements:** Windows 7 - Windows 10, Mac OS X 10.9 (Mavericks) - macOS Mojave (10.14). Linux/Ubuntu (Web App only) Google Chrome OS (Web App only) iOS 9 - iOS 12 Android OS 4.4 (Kit Kat) - Android 9 (Pie) Windows Phone 8, Windows 8RT or later. Computer: 1 Mbps or better (broadband recommended). Mobile device & Chromebook: 3G or better (WiFi recommended for VoIP audio). 2GB of RAM (minimum), 4GB or more of RAM (recommended). Webcam for HDFaces. Microphone and speakers (USB headset recommended). iPhone 11 or later iPad 2 or later.

FIVE Engineering Degrees, 37 Years University Teaching Experience, and 30 Years Teaching FE, PE Civil (AM and PM), 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 (30 years teaching PE, FE, Seismic & Surveying) has gained him popularity & a great reputation.



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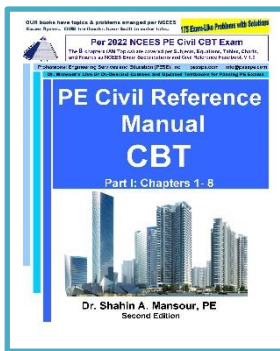
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NEW PE Civil CBT Part I-AM (Chapters 1-8) Per NCEES 2022 Comprehensive Prep Course with Workshops

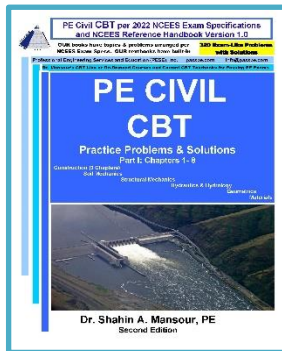
65 hours live interactive instructions and 82 hours of on-demand (24/7) for 365 days and 5 books for \$590

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

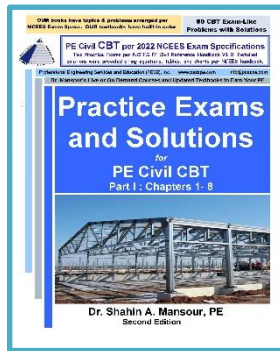
This well organized and updated prep course reflects the NEW NCEES 2022 CBT exam format, references and exam specifications. This comprehensive course effectively prepares you for the Breadth AM topics (morning session) of the NCEES PE Civil. The **65 hours** comprehensive prep course, the highly qualified instructor, and the best organized and well-prepared study materials will definitely help you pass the PE Civil exam. **The five books are included with the comprehensive prep course fee. Study materials will be mailed upon enrollment.**



Book #1



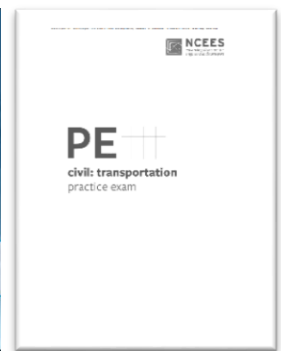
Book #2



Book #3



Book #4



Book #5

All books are based on the NEW 2022 CBT NCEES topics and references

Books descriptions available on page 9 as well as www.passpe.com

#	Day	Date	Time (PST)	Hrs.	Fresno	Subject/Chapter(s)
1	Sat	1/7/2023	8:30 AM-4:30 PM	7	Live Web	NCEES PE Civil Ref. Handbook, V1.1: Chapter 1. General Engineering: Units, Mathematics, Probability, Statics, Mechanics of Materials, Eng. Economics
2	Mon	1/9/2023	5:00 PM-8:00 PM	3	Live Web	Workshop #1
3	Fri	1/13/2023	5:00 PM-8:00 PM	3	Live Web	Workshop #2
4	Sat	1/21/2023	8:30 AM-4:30 PM	7	Live Web	1- Project Planning: NCEES Ref. HB, Ch. 2 Construction
5	Sat	1/28/2023	8:30 AM-4:30 PM	7	Live Web	2- Means and Methods: NCEES Ref. HB, Ch. 2 Const.
6	Sat	2/4/2023	8:30 AM-4:30 PM	7	Live Web	3- Soil Mechanics: NCEES Ref. HB Ch. 3 Geotechnical
7	Sat	2/18/2023	8:30 AM-4:30 PM	7	Live Web	4- Structural Mechanics: NCEES Ref. HB: Chapter I, Chapter 4 Structural
8	Fri	3/3/2023	5:00 PM -8:00 PM	3	Live Web	5- Hydraulics and Hydrology: NCEES Ref. HB, Ch. 6 Water Resources & Enviro.
9	Sat	3/4/2023	8:30 AM-4:30 PM	7	Live Web	6- Geometrics: NCEES Ref. HB, Chapter 5: Transportation
10	Sat	3/11/2023	8:30 AM-4:30 PM	7	Live Web	7- Materials: NCEES Ref. HB, Chapter 3 Geotechnical
11	Sat	3/18/2023	8:30 AM-4:30 PM	7	Live Web	8- Site Development: NCEES Ref. HB, Chapter 2 Const.
12	Sat	4/1/2023	8:30 AM-4:30 PM	7	Live Web	CBT Transportation Module Mock Exam (80 questions)
						CBT Construction Module Mock Exam (80 questions)
Total Live Hours = 49 hrs. (lectures and problems solving) + 9 hrs. (Workshops) + 7 hrs. (mock exam) = 65 hours On-Demand (Spring 2022 CBT Course) = 82 hours						



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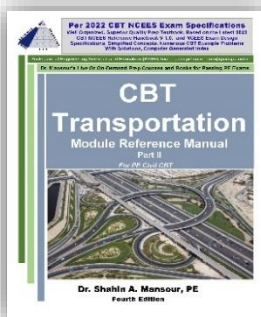
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NEW Transportation Module Prep Course With Workshops and CBT Mock Exam Per NCEES 9 References and CBT Format

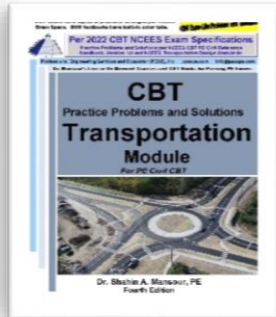
**65 hours live Interactive Instruction and 80 hours on-demand (24/7)
for 365 days and 5 books for \$590**

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

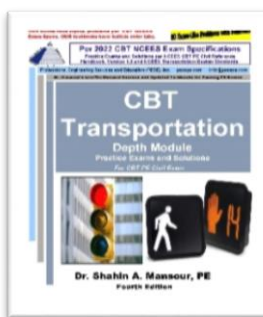
This transportation comprehensive prep course is designed and organized to focus only on the Transportation PM Module topics per the NCEES 9 references and NCEES exam specifications: (1) AASHTO A Policy on Geometric Design of Highways and Streets 2018, 7th ed. (2) AASHTO Road Side Design, 4th ed., 2011, Feb. 2012 & July 2015 errata (3) HCM 2016, 6th 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 2015, Mechanistic –Empirical Pavement Design Guide (7) FHWA Hydraulic Design of Highway Culverts (2012 ed.) (8) AASHTO 2004 Pedestrian Facilities (9) Highway Safety Manual, 1st ed., Vols. 1-3, 2010, (errata Feb. 2012). **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

All books are based on the NEW 2022 CBT NCEES topics and references

Books descriptions available on page 10 as well as www.passpe.com

#	Day	Date	Time (PST)	hrs.	Fresno	Subject/Chapter(s)
1	Sun	1/8/23	8:30 AM-4:30 PM	7	Live Web	Ch.9: Traffic Eng.: Uninterrupted flow, Traffic Analysis, Accident Analysis, Pedestrian and Bicycle Facilities, HSM.
2	Thu	1/12/23	5:00 PM -8:00 PM	3	Live Web	Workshop #1
3	Sun	1/15/23	8:30 AM-4:30 PM	7	Live Web	Ch.10: Horizontal Design: Curves (circular and Spiral), Sight Distances, Superelev., Comp. and Reverse Curves.
4	Sun	1/29/23	8:30 AM-4:30 PM	7	Live Web	Ch.11: Vertical Design: Vertical Curves, SSD, PSSD, and Vertical Clearance.
5	Sun	2/5/23	8:30 AM-4:30 PM	7	Live Web	Ch.12, 13: Intersection Geometry, Roadside Design: ISD, Interchanges, At-Grade Intersection, Clear Zone, Barrier Design, Cross-sections, and ADA.
6	Mon	2/6/23	5:30 PM -8:30 PM	3	Live Web	Workshop #2
7	Sun	2/19/23	8:30 AM-4:30 PM	7	Live Web	Ch.14, 15: Signal Design, Traffic Control Design: Signal Timing, Signal Warrants, Signs and Pavement Marking, and Temporary Traffic Control.
8	Sun	3/5/23	8:30 AM-4:30 PM	7	Live Web	Ch.16: Geotechnical and Pavement: Design Traffic Analysis, Testing and Sampling, Rigid and Flexible Pav. Design, Settl. and Compaction, Cut, Fill, Mass Diagram.
9	Mon	3/6/23	5:30 PM-8:30 PM	3	Live Web	Workshop #3
10	Sun	3/19/23	8:30 AM-4:30 PM	7	Live Web	Ch. 17, 18: Drainage, Alternatives Analysis: Hydrology, Culvert Design, Storm Water Collection Systems, Gutter Flow, Open-Channel Flow, Eng. Economy and Analysis.
11	Sun	3/18/23	8:30 AM-4:30 PM	7	Live Web	Transportation Module CBT Mock Exam (80 questions)
Total Hours = 49 hrs. (lectures and problems solving) + 9 hrs. (Workshops) + 7 hrs. (mock exam and solutions) = 65 hrs. On-Demand (Spring 2022 CBT Course) = 80 hours						



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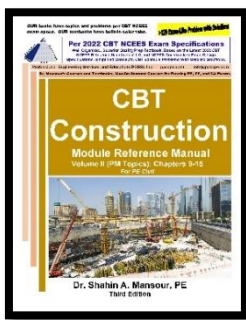
Web: www.passpe.com • Email: Dr. Mansour – info@passpe.com Office – names@passpe.com

NEW Construction Module Prep Course With Workshops and CBT Mock Exam Per NCEES 8 References and CBT Format

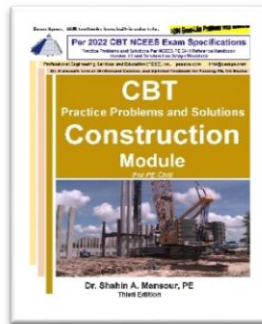
58 hours live interactive instruction with on-demand (24/7) for 365 days and 5 books for \$590

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

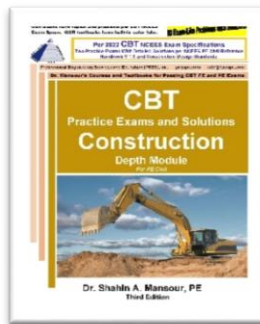
The PREP COURSE is designed and organized to focus only on the Construction PM Module topics. The new 2022 NCEES 8 references: (1) ACI 347R, Guide to Formwork for Concrete, 8th ed. 2014 (2) ACI SP-4, Formwork for Concrete, 8th ed, 2014 (3) AISC 14th edition, Steel Construction Manual, 2011, part 2 1-3,8, 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, 17th ed, 2021. **The five books are included with the comprehensive prep course fee. Books will be shipped upon enrollment.**



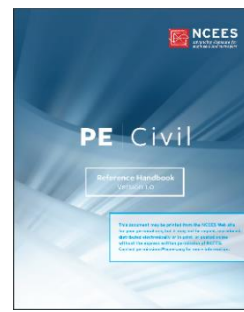
Book #1



Book #2



Book #3



Book #4



Book #5

All books are based on the NEW 2022 CBT NCEES topics and references

Books descriptions available on page 11 as well as www.passpe.com

#	Day	Date	Time (PST)	hrs	Fresno	Subject/Chapter(s)
1	Sat.	1/14/23	8:30 AM-4:30 PM	7	Live Web	Ch.9: Earthwork Construction and Layout: Cut and Fill, Borrow Pit, Site Layout, Mass Diagram, Haul Distance, and Site and Subsurface Investigations. (5-8 questions)
2	Tue.	1/17/23	5:30 PM-8:30 PM	3	Live Web	Workshop #1
3	Fri.	1/20/23	5:30 PM-8:30 PM	3	Live Web	Workshop #2
4	Sun.	1/22/23	8:30 AM-4:30 PM	7	Live Web	Ch.10: Estimating Quantities and Costs: Quantity Take-Off Methods, Cost Estimating, Cost Analysis for Resources Selection. Work Measurement and Productivity. (5-8 questions)
5	Sat.	2/11/23	8:30 AM-4:30 PM	7	Live Web	Ch.11- Construction Operations and Methods: Lifting and Rigging, Crane Stability. Dewatering and Pumping, Equipment Operations, Deep Foundation Installation. (6-9 questions)
6	Sun.	2/12/23	8:30 AM-4:30 PM	7	Live Web.	Ch.12- Scheduling: Construction Sequencing, Activity Time Analysis, CPM, Resource Scheduling and Leveling, and Time-Cost-Trade-Off. (5-8 questions)
7	Sat.	2/25/23	8:30 AM-4:30 PM	7	Live Web	Ch.13- Material Quality Control and Production: Properties & Testing, Welding and Bolting, QA/QC, Concrete Mixing and Properties, Concrete Maturity & Strength Evaluation. (5-8 que.)
8	Sun.	3/12/23	8:30 AM-4:30 PM	7	Live Web	Ch.14-Temporary Structures: Construction loads, Formwork, Falsework and Scaffolding, Shoring and Reshoring, Bracing and Anchorage, Support of Excavation. (6-9 questions) Ch.15-Health and Safety: OSHA Regulations, Safety Management, Work Zone and Public Safety. (3-5 questions)
9	Mon	3/13/23	5:30 PM-8:30 PM	3	Live Web	Workshop #3
10	Sat.	4/1/23	8:30 AM-4:30 PM	7	Live Web	Construction Module CBT Mock Exam (80 questions)
Total Hours = 42 hrs. (lectures and problems solving) + 9 hrs. (Office Hours) + 7 hrs. (mock exam and solutions) = 58 hrs.						



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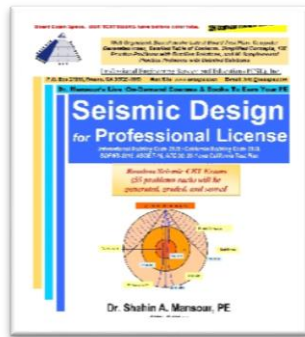
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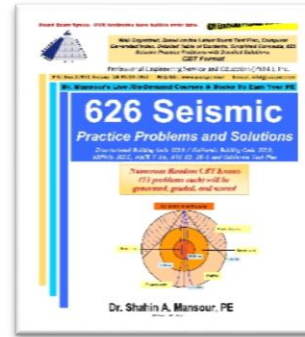
Seismic Review for CA Professional License – Per CA Board Plan CBC 2019/IBC 2018 and ASCE 7-16

Total of Live Instructions 45 hours with on-demand (24/7) for 365 days and 2 books for \$495
Dr. Mansour's Prep Books Are Rated Very Highly on Amazon by Your Fellow Engineers

The 45 hours of live instructions and 55 hours (on-demand) 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) 2019-Part 2, Vol. 2 which is based on IBC 2018, ASCE 7-16, SDPWS 2015, 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.**



Book #1



Book #2

Books descriptions available on page 12 as well as www.passpe.com

#	Day	Date	Time (PST)	Hrs.	Fresno	Subject/Chapter(s)
1	Sat	1/7/23	4:30 PM-8:00 PM	3.5	Live Web	Chapters 1, 2, and 3
2	Sat	1/14/23	4:30 PM-8:00 PM	3.5	Live Web	Chapter 4
3	Sat	1/21/23	4:30 PM-8:00 PM	3.5	Live Web	Chapters 5, and 6
4	Sat	1/28/23	4:30 PM-8:00 PM	3.5	Live Web	Chapter 6
5	Sat	2/4/23	4:30 PM-8:00 PM	3.5	Live Web	Chapter 6
6	Sat	2/11/23	4:30 PM-8:00 PM	3.5	Live Web	Chapter 6
7	Sat	2/18/23	4:30 PM-8:00 PM	3.5	Live Web	Chapter 7
8	Sat	2/25/23	4:30 PM-8:00 PM	3.5	Live Web	Chapter 8
9	Sat	3/4/23	4:30 PM-8:00 PM	3.5	Live Web	Chapter 9
10	Sat	3/11/23	4:30 PM-8:00 PM	3.5	Live Web	Chapters 10, 11
11	Sat	3/18/23	4:30 PM-8:00 PM	3.5	Live Web	Chapters 12, 13
12	Sat	3/25/23	11:00 PM-5:00 PM	6.0	Live Web	Chapters 14, 15, and 16

Total Hours = 45 hrs. Live workshops + 55 On-demand (24/7) = 100 hours

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 365 days from the enrollment day.



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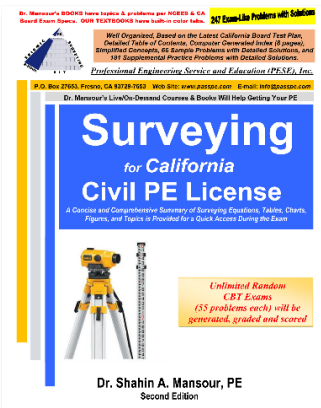
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Surveying Review for Professional License - Per CA Board Plan

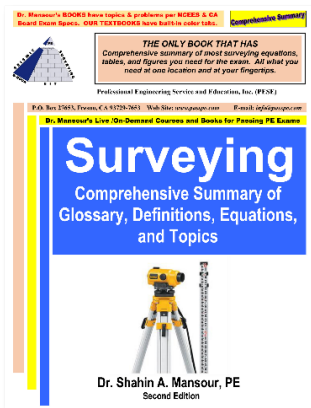
Total of Live Instructions 40 hours with on-demand (24/7) for 365 days and 4 books for \$495

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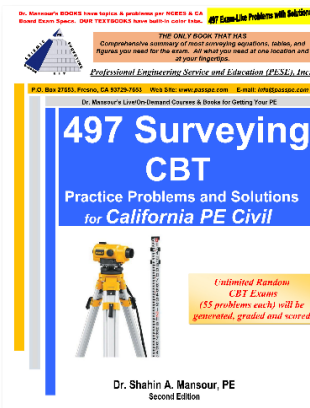
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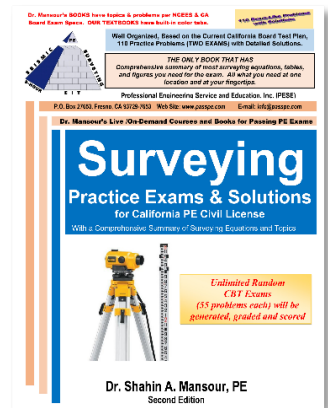
Book #1



Book #2



Book #3



Book #4

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

#	Day	Date	Time (PST)	Hrs.	Fresno	Subject/Chapter(s)
1	Sun	1/8/23	4:30 PM-8:30 PM	4.0	Live Webinar	Chapters 1, 2, and 3
2	Sun	1/15/23	4:30 PM-8:30 PM	4.0	Live Webinar	Chapter 4
3	Sun	1/22/23	4:30 PM-8:30 PM	4.0	Live Webinar	Chapter 5
4	Sun	1/29/23	4:30 PM-8:00 PM	3.5	Live Webinar	Chapter 6
5	Sun	2/5/23	4:30 PM-8:00 PM	3.5	Live Webinar	Chapter 7
6	Sun	2/12/23	4:30 PM-8:00 PM	3.5	Live Webinar	Chapter 8
7	Sun	2/19/23	4:30 PM-8:00 PM	3.5	Live Webinar	Chapter 9
8	Sun	2/26/23	4:30 PM-8:00 PM	3.5	Live Webinar	Chapter 10
9	Sun	3/5/23	4:30 PM-8:00 PM	3.5	Live Webinar	Chapters 11, 12
10	Sun	3/12/23	4:30 PM-8:00 PM	3.5	Live Webinar	Chapter 13
11	Sun	3/19/23	4:30 PM-8:00 PM	3.5	Live Webinar	Chapters 14, and 15
Total Hours = 40 hrs. Live workshops + 55 On-demnad (24/7) = 95 hours						
California Special Surveying Exams Are Offered Quarterly. Check with CA Board for Information.						

Live course also grants access to the current class recordings as ON-DEMAND for 365 days from the enrollment day.



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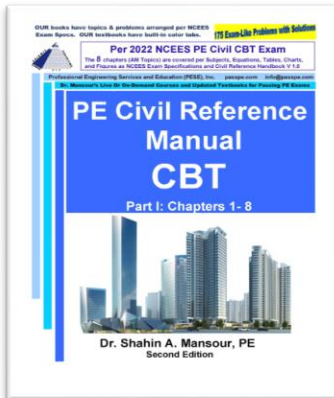
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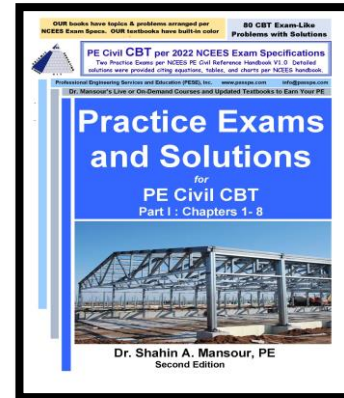
(Search on Amazon: books by Dr. Shahin Mansour)

PE Civil CBT, Transportation Module CBT, Construction Module CBT, CA Seismic CBT, and CA Surveying CBT

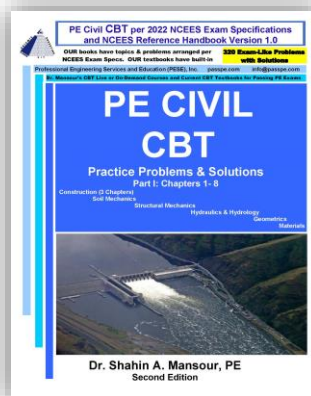
1- PE Civil CBT Prep Books, Part I- AM Topics (Chapters 1-8), 2nd Edition



Dr. Mansour's *PE Civil Reference Manual (CRM)-Part I - Chapters 1-8* is the most concise and comprehensive textbook in the market per **NCEES Exam Specifications and Topics of the CBT Exams of 2022**. Numerous tables, figures, charts and all necessary equations are provided from the **NCEES PE Civil Reference Handbook Version 1.1**. A total of **175** exam like problems with solutions are included.



Dr. Mansour's *Civil Practice Exams and Solutions for PE Civil CBT* includes **two full length** multiple choice exams including **AIT**. Each exam contains **40 problems** with detailed solutions citing any reference needed per 2022 NCEES Exam Specifications. Numerous tables, figures, charts and all necessary equations are provided from the **NCEES PE Civil Reference Handbook Version 1.1**



Dr. Mansour's *PE Civil Practice Problems and Solutions* includes **320** multiple choice practice problems with detailed solutions citing any reference needed per **NCEES PE Civil Reference Handbook Version 1.1** This is a companion book to the PE Civil Reference Manual where 8 chapters are provided in the same order of the CBT NCEES 2022.



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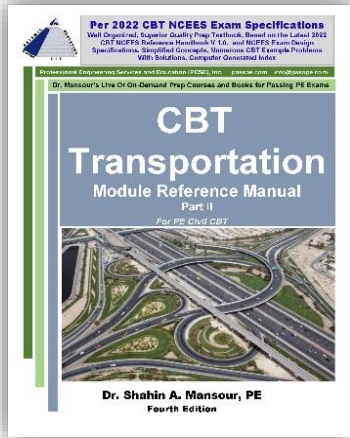
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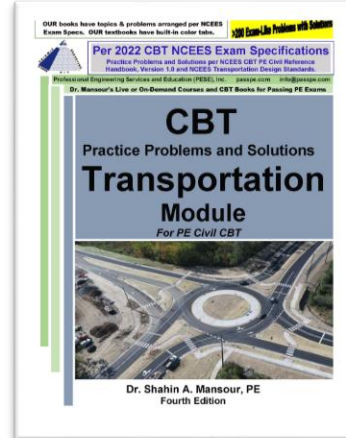
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2- Transportation Module CBT Prep Books, 4th Edition

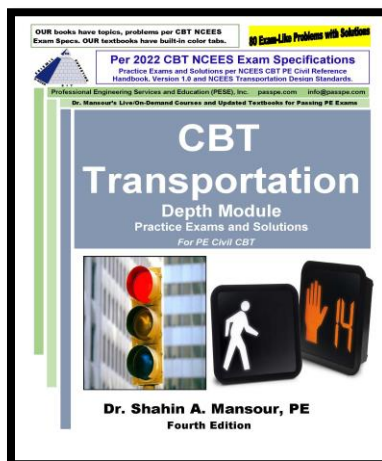
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Dr. Mansour's **CBT Transportation Module Reference Manual (TMRM)**, 4th edition for the PE Civil CBT Exam includes more than **185 practice problems** with detailed solutions. It includes one chapter for the Transportation AM topics (Geometrics) and 10 Chapters for the Transportation PM topics. The 11 chapters in the textbook are based on the current **NINE Design References, NCEES Reference Handbook V1.1**, and topics listed in the **NCEES exam specifications per 2022 CBT Exam**.



Dr. Mansour's **Practice Problems and Solutions in Transportation Module** for the PE Civil Exam includes more than **215 practice problems with detailed solutions**. It includes one Chapter for the Transportation AM topics (Geometrics) and 10 Chapters for the Transportation PM topics. **The 11 Chapters are based on current NINE Design References and topics listed in the NCEES exam specifications per 2022 CBT Exam**.



The **Transportation Depth Module Practice Exams and Solutions** includes two full-length multiple-choice exams. Each exam contains **40 problems** with detailed solutions citing the **9 Design References per 2022 NCEES CBT Exam Specifications and Topics**.



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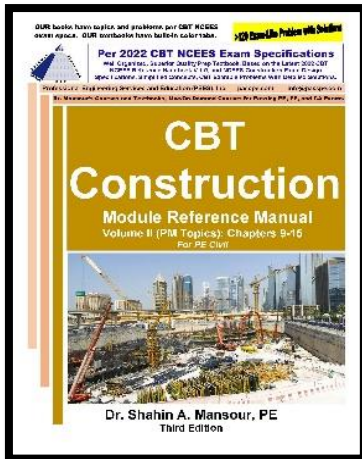
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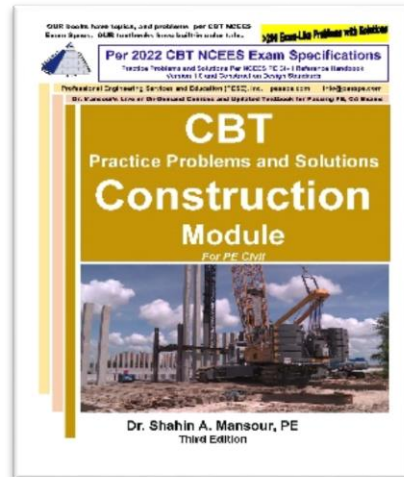
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3- Construction Module for PE Civil CBT Prep Books, 3rd Edition

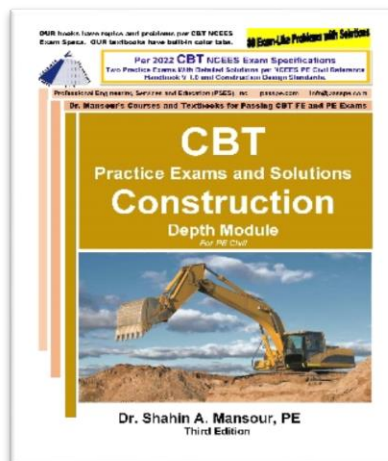
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Construction Module Reference Manual (CMRM) for the PE Civil Exam authored by Dr. Mansour includes the PM Topics of the NCEES Construction Module CBT Exam Topics. The book includes 3 Chapters for the Construction AM topics and 7 Chapters for the Construction PM topics. The 7 PM Chapters are based on the 8 references and topics listed in the NCEES exam specifications per 2022 CBT Exam. The book has **180 practice problems** and detailed solutions.



Dr. Mansour's **problems and solutions in Construction Module** for the PE Civil Exam includes more than **200 practice problems and detailed solutions**. The book includes 3 Chapters for the Construction CBT AM topics and CBT 7 Chapters for the Construction PM topics. The 10 Chapters are based on the current 8 references and topics listed in the NCEES exam specifications per 2022 CBT Exam.



Dr. Mansour's Construction Depth Module Practice Exams and Solutions includes **two full length multiple choice exams**. Each exam contains **40 problems** with detailed solutions citing the **8 construction references per 2022 CBT NCEES Exam Specifications and References**.



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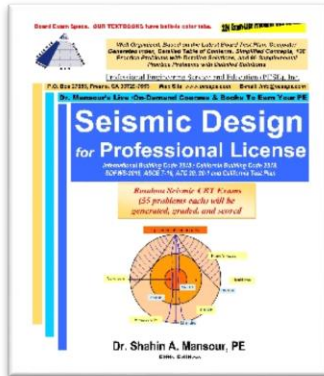
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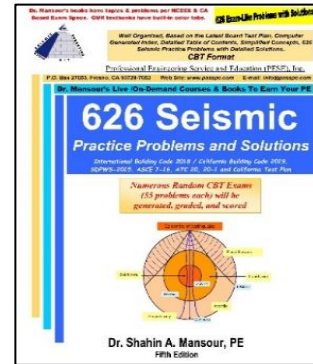
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4- Seismic Prep Textbooks Per CBC 2019/IBC 2018, ASCE 7-16, ATC 20, ATC 20-1, and California Board Test Plan 5th Edition, Dr. Shahin A. Mansour

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Dr. Mansour's **Seismic Design for Professional License, 5th edition**, textbook is based on California Building Code (CBC) 2019-Part 2, Vol. 2 which is based on IBC 2018, ASCE 7-16, SDPWS 2015, 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 shown. 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, 5th edition** authored by Dr. Shahin Mansour is based on California Building Code (CBC) 2019-Part 2, Vol. 2 which is based on IBC 2018, ASCE 7-16, SDPWS 2015, 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 shown. 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.



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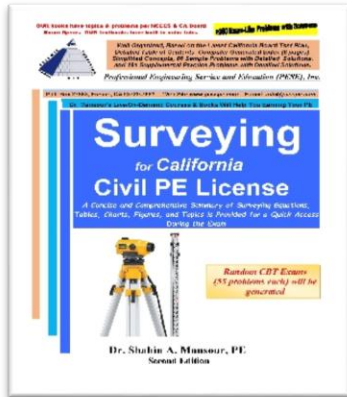
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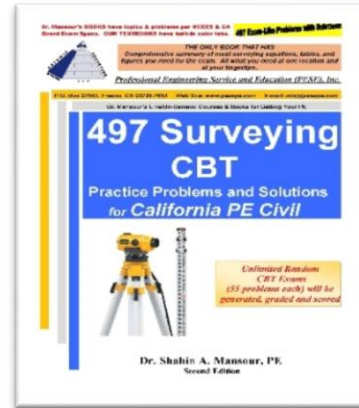
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5- Surveying Prep Textbooks Per California Board Test Plan 2nd Edition, by Dr. Shahin A. Mansour

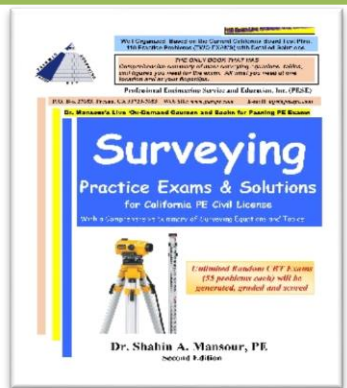
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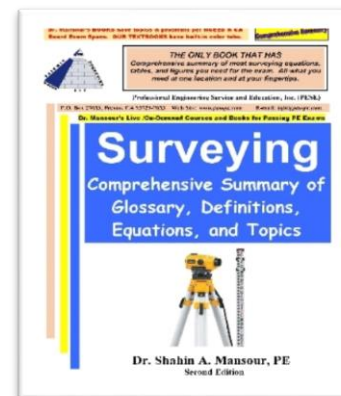
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Surveying Practice Exams and Solutions for California PE Civil License, 2nd edition, book is based on the current California Test Plan for the special 2.5 hrs. CBT exam. Unlimited CBT Surveying exams can be generated from this book. Each exam consists 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.



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