



# Professional Engineering Services and Education Inc. (PESE)

P.O. Box 27653, Fresno, CA 93726-7653

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

# Fall 2021

**Civil Breadth AM, Transportation PM Module,  
Construction PM Module, CA Seismic, and  
CA Surveying Comprehensive Courses and Workshops**

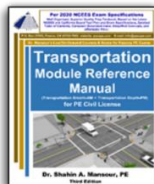
## 2 For 1

*Buy a live course and get the same  
On Demand course for free.*

*Buy an On Demand course and get  
the same live course for free.*

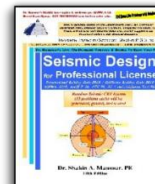
**Celebrating 28 years of providing FE/EIT, Civil PE, CA  
Seismic, and CA Surveying Prep Courses.**

- ❖ Well Organized and Focused Study Materials ❖ Comprehensive Prep Courses
- ❖ Updated Textbooks ❖ Highly Qualified and Sincere Professor ❖



### Transportation References

**Updated with AASHTO A  
Policy on Geometric Design  
of Highways and Streets  
2018, 7th ed.**



### Seismic References

**Updated with  
International Building  
Code 2018/California  
Building Code 2019 and  
ASCE 7-16.**



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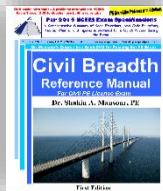
## Fall 2021 Live Classes/Webinars Comprehensive Prep Courses

### Celebrating 28 Years of Providing Quality Review Courses!

Concise and Complete Reference Textbooks Authored by Dr. Mansour per NCEES and CA Board.

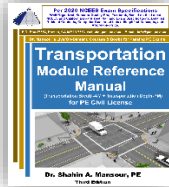
High Quality Teaching, Well Qualified, Experienced Professor, and Sincere Services.

2 for 1: On Demand Access begins with the starting date of live course.



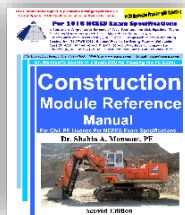
### Civil Breadth with Workshop

Per NCEES Exam Plan  
63 hours live instruction  
+ 69 hours of On Demand  
+ 4 books  
for only \$695.00



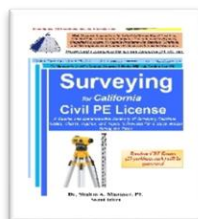
### Transportation PM with Workshop

(Per NCEES 12 Ref.)  
70 hours live instruction  
+ 67 hours of On Demand (Recorded Fall 19 & Sp 20)  
+ 4 books  
for only \$695.00



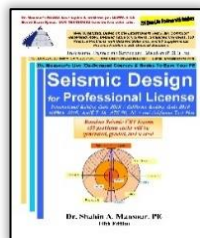
### Construction PM with Workshop

(PER NCEES 8 Ref.)  
56 hours live instruction  
+ 65 hours of On Demand  
+ 4 books  
for only \$695



### Continuous Surveying with Workshop

21 hrs live webinars  
+ 55 hours On-demand (24/7) for 150 days  
+ 4 books  
for only \$550.00



### Continuous Seismic with Workshop

24.5 hours live instruction  
+ 55 hours of On Demand (24/7) for 150 days.  
based on 2020 Exam Seismic Codes  
+ 2 books  
for only \$550.00

**28** years of Authoring and Teaching PE Civil, Transportation Module, Construction Module, Seismic, Surveying, and FE Comprehensive Prep Courses. Dr. Mansour is offering huge promotional discounts on live and on-demand prep courses and study materials.



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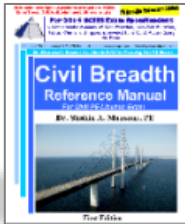
## Fall 2021 On-Demand Comprehensive Prep Courses

Recordings of Live Courses Taught by Dr. Mansour.

Concise and Complete Reference Books per NCEES and CA Board.

Buy an On Demand course and get immediate access to recordings.

2 for 1: Live Course information provided near starting date of live reviews.

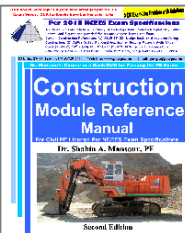
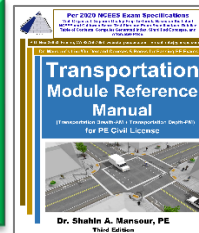


### Civil Breadth with Workshop

Per NCEES Exam Plan  
69 hours of recorded material  
+ 63 hours of live instruction  
+ 4 books  
for only \$695.00

### Transportation PM with Workshop

(Per NCEES 12 Ref.)  
67 hours of recorded material  
+ 70 hours of live instruction  
+ 4 books  
for only \$695.00

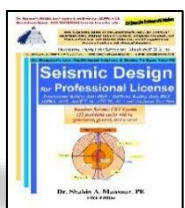
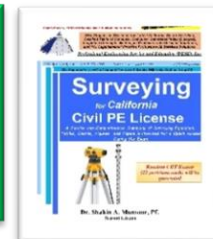


### Construction PM with Workshop

(Per NCEES 8 Ref.)  
65 hours of recorded material  
+ 56 hours of live instruction  
+ 4 books  
for only \$695.00

### Continuous Surveying with Workshop

21 hours of live instructions  
+ 55 hrs on-demand (24/7) for 150 days  
for only \$550.00



### Continuous Seismic with Workshop

55 hours of recorded (55 hrs) per 2020 References  
+ 24.5 hours live instructions  
+ 2 books  
for only \$550.00



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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 on the concept and theory for the subjects matter.

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

- 1- Live Classes and Webinars:** *Withdrawal within 5 days after receiving any study 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 of 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 is within first 24 hours of purchase:* Study materials will not be shipped until after this period (24 hrs of purchase), then 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 Spring 2022 prep courses upon availability.

## Limited 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 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 of the books (1 or all) included with the prep course.** Ground shipping within US. Outside U.S. and other shipping methods will be extra.

## Courses Discounts

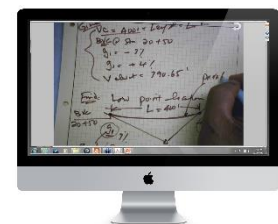
- **PE Civil Breadth & Depth Enrollment** includes a 5% discount in price.
- **5% multiple course enrollment discount** for Seismic and Surveying, as well as the **Group discount** (only applicable after members identified) reimbursed after purchase.



Live Classes



Interactive Webinars



On Demand Access





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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 are Codes and References Standards for PE Civil Exams were used in developing and preparing our Study Materials, Prep Courses, and Problem-Solving Workshops.

## Transportation PM Module per NCEES 12 References

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, with Corrections, Clarifications, and replacements.
4. MUTCD 2009, including Revisions 1 and 2 dated May 2012.
5. PCA (Design and Control of Concrete Mixtures) 16<sup>th</sup> ed., 2016.
6. AASHTO GDPS-4-M, Guide for Pavement Design.
7. AASHTO 2015, Mechanistic –Empirical Pavement Design Guide.
8. FHWA Hydraulic Design of Highway Culverts (2012 ed.).
9. The Asphalt Handbook (MS-4), 7<sup>th</sup> ed., 2007, Asphalt Institute.
10. AASHTO 2004 Pedestrian Facilities
11. Highway Safety Manual, 1<sup>st</sup> ed., Vols. 1-3, 2010, (errata Sept. 2010, Feb. 2012, and March 2016).
12. PROWAG Proposed Accessibility Guidelines for Pedestrian Facilities in the Public Right-of-Way, July 26, 2011, and supplemental notice of February 13, 2013.

## Construction PM Module per NCEES 8 References

1. ASCE 37, Design Loads on Structures During Construction, 2014.
2. CMWB, Standard Practice for Bracing Masonry Walls Under Construction, 2012.
3. AISC 14<sup>th</sup> edition, Steel Construction Manual, 2011, parts 1-3, 8, 16.1(Chapters M, N) and 16.2.
4. ACI MNL-15, Field Reference Manual, 2016.
5. ACI 347R, Guide to Formwork for Concrete, 8<sup>th</sup> ed. 2014
6. ACI SP-4, Formwork for Concrete, 8<sup>th</sup> ed, 2014.
7. OSHA, Construction Industry Regulations, 29 CFR Part 1903, 1904, and 1926, January 2017, and
8. MUTCD 2009, Part 6, 2009.

## 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 the content at all times for the allotted access time.</li> <li>• Access to the 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>

**\*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 (Wi-Fi recommended for VoIP audio). 2GB of RAM (minimum), 4GB or more of RAM (recommended). Webcam for HD Faces. Microphone and speakers (USB headset recommended). iPhone 4S or later iPad 2 or later.

**FIVE Engineering Degrees, 37 Years Teaching Experience, and 28 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 (28 years teaching PE, FE, Seismic & Surveying) has gained him popularity & a great reputation.



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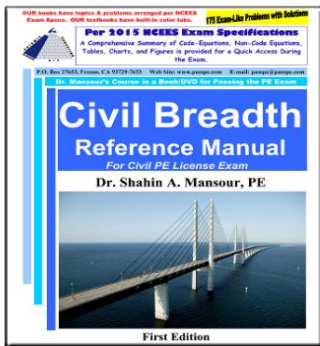
Web: [www.passpe.com](http://www.passpe.com) • Email: Dr. Mansour – [info@passpe.com](mailto:info@passpe.com) Office – [names@passpe.com](mailto:names@passpe.com)

## PE Civil Breadth (AM) Comprehensive Prep Course with Workshop

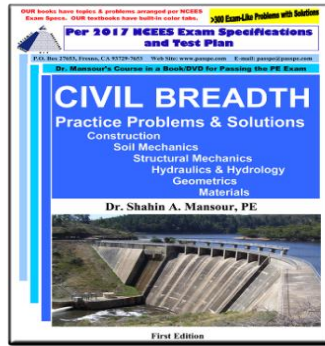
Enrollment Available NOW. Total 63 hours Live Instruction + 4 books for **ONLY \$695.00**

**Books are in stock and will ship same or next day**

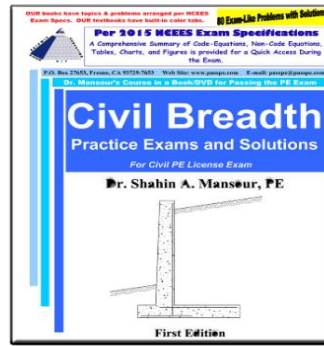
This well organized and updated prep course reflects the October 2021 NCEES references and exam specifications effectively prepares you for the Breadth AM topics (morning session) of the NCEES Civil Principles and Practice of Engineering (PE-Civil) exam. The **63 hours** comprehensive prep course, the highly qualified instructor, and the best organized and well-prepared study materials will definitely help you pass the PE Civil exam. **Four books are included with this comprehensive prep course fee. Study materials will be distributed the first day of class. The 5-day withdrawal policy will apply upon receiving any book of the 4 books.**



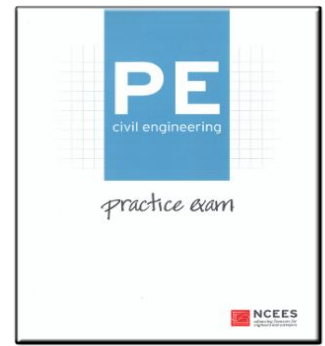
Book #1



Book #2



Book #3



Book #4

(all books are based on the 2021 NCEES topics and references)  
Books descriptions available on page 13 as well as [www.passpe.com](http://www.passpe.com).

Session	Day	Date	Time (PST)	hrs	Location – Fresno, CA	Subject/Chapter(s)
1	Sat	7/10/21	8:30 AM-4:30 PM	7	Live Class/Live Web	I-Project Planning II-Means and Methods
2	Sat	7/17/21	8:30 AM-4:30 PM	7	Live Class/Live Web	III-Soil Mechanics
3	Sat	7/31/21	8:30 AM-4:30 PM	7	Live Class/Live Web	Workshop 1
4	Sat	8/14/21	8:30 AM-4:30 PM	7	Live Class/Live Web	IV-Structural Mechanics
5	Sat	8/28/21	8:30 AM-4:30 PM	7	Live Class/Live Web	V-Hydraulics and Hydrology
6	Sat	9/4/21	8:30 AM-4:30 PM	7	Live Class /Live Web	VI-Geometrics VII-Materials (part 1)
7	Sat	9/11/21	8:30 AM-4:30 PM	7	Live Class /Live Web	Workshop 2
8	Sat	9/18/21	8:30 AM-4:30 PM	7	Live Class/Live Web	VII-Materials (part 2) VIII- Site Development
9	Sat	10/2/21	8:30 AM-4:30 PM	7	Live Class/Live Web	Civil AM Mock Exam
Total				63		
Total Hours = 42 hrs (lectures and problems solving) + 14 hrs (workshops) + 7 hrs (mock exam) = 63 hrs						
PE Civil Exam on October 22 <sup>nd</sup> , 2021 (Check with NCEES and CA Board for any changes)						



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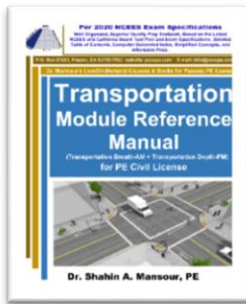
Web: [www.passpe.com](http://www.passpe.com) • Email: Dr. Mansour – [info@passpe.com](mailto:info@passpe.com) Office – [names@passpe.com](mailto:names@passpe.com)

## Transportation PM Module Prep Course With Workshop per 2021 NCEES 12 References

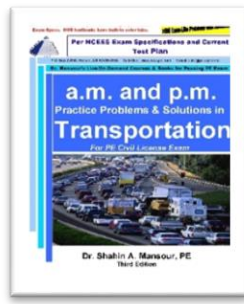
**Books are in stock and will ship same or next day**

**Enrollment is Available NOW. Total 70 hours Live Instruction + 4 books for ONLY \$695.00**

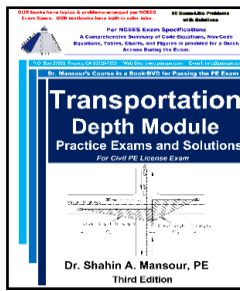
This transportation comprehensive prep course is designed and organized to focus only on the Transportation PM Module topics per the NCEES 12 references and NCEES: (1) AASHTO A Policy on Geometric Design of Highways and Streets 2018, 7th ed. (2) AASHTO Road Side Design, 4<sup>th</sup> ed., 2011, Feb. 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. (5) Design and Control of Concrete Mixtures) 16<sup>th</sup> ed., 2016. (6) AASHTO GDPS-4-M, Guide for Pavement Design (7) AASHTO 2015, Mechanistic –Empirical Pavement Design Guide (8) FHWA Hydraulic Design of Highway Culverts (2012 ed.) (9) The Asphalt Handbook (MS-4), 7th ed., 2007 (10) AASHTO 2004 Pedestrian Facilities (11) Highway Safety Manual, 1st ed., Vols. 1-3, 2010, (errata Feb. 2012), and (12) Proposed Accessibility Guidelines for Pedestrian Facilities in the Public Right-of Way, July 26, 2011. **The four books are included with this comprehensive prep course fee. The 5-day withdrawal policy will apply upon receiving any of the books.**



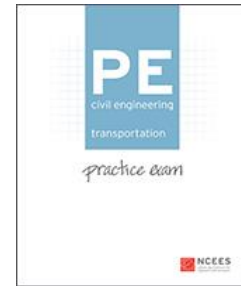
**Book #1**



**Book #2**



**Book #3**



**Book #4**

(all books are based on the 2021 NCEES topics and references)

Book descriptions available on page 14 as well as [www.passpe.com](http://www.passpe.com).

#	Day	Date	Time (PST)	hrs	Fresno	Subject/Chapter(s)
1	Sun	7/11/21	8:30 AM-4:30 PM	7	Live Web.	<b>Ch. I- Traffic Eng.:</b> Uninterrupted flow, Traffic Analysis, Accident Analysis, Pedestrian and Bicycle Facilities, HSM.
2	Sun	7/18/21	8:30 AM-4:30 PM	7	Live Web.	<b>Ch. II- Horizontal Design:</b> Curves (circular and Spiral), Sight Distances, Superelev., Compound Reverse Curves.
3	Sun	8/1/21	8:30 AM-4:30 PM	7	Live Web.	<b>Ch. III- Vertical Design:</b> Vertical Curves, SSD, PSSD, and Vertical Clearance.
4	Sun	8/8/21	8:30 AM-4:30 PM	7	Live Web.	<b>Ch. IV &amp; V-Intersection Geometry and Roadside Design:</b> ISD, Interchanges, At-Grade Intersection, Clear Zone, Barrier Design, Cross-sections, and ADA.
5	Sun	8/15/21	8:30 AM-4:30 PM	7	Live Web.	<b>Transportation PM Workshop #1</b>
6	Sun	8/22/21	8:30 AM-4:30 PM	7	Live Web.	<b>Ch. VI &amp; VII-Signal and Traffic Control Design:</b> Signal Timing, Signal Warrants, Signs and Pavement Marking, and Temporary Traffic Control.
7	Sun	8/29/21	8:30 AM-4:30 PM	7	Live Web.	<b>Ch. VIII-Geotechnical and Pavement:</b> Design Traffic Analysis, Testing and Sampling, Rigid and Flexible Pavement Design, Settlement and Compaction, Cut, Fill, Mass Diagram.
8	Sun	9/12/21	8:30 AM-4:30 PM	7	Live Web.	<b>Ch. IX &amp; X-Drainage and Alternative Analysis:</b> Hydrology, Culvert Design, Storm Water Collection Systems, Gutter Flow, Open-Channel Flow, Eng. Economy
9	Sun	9/26/21	8:30 AM-4:30 PM	7	Live Web.	<b>Transportation PM Workshop #2</b>
10	Sun	10/3/21	8:30 AM-4:30 PM	7	Live Web.	<b>Transp. Mock Exam (for October 22, 2021 Exam)</b>
			<b>Total</b>	<b>70</b>		

**Total Hours = 49 hrs (lectures and problems solving) + 14 hrs (workshops) + 7 hrs (mock exams) = 70 hrs**

**PE Civil Exam on April 22<sup>nd</sup>, 2021 (Check with NCEES and CA Board for any changes)**





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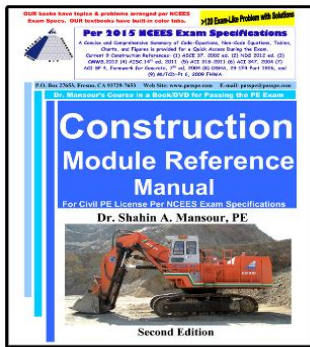
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## Construction PM Module Prep Course With Workshop per 2020 NCEES 8 References

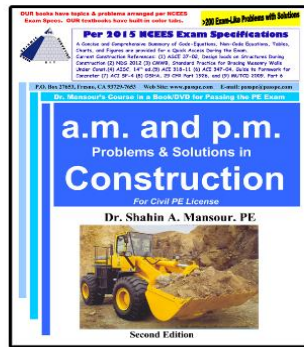
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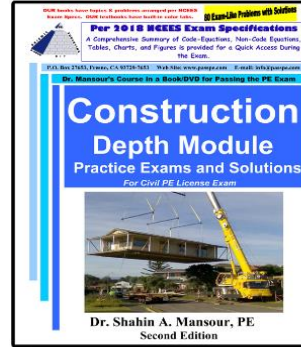
The PREP COURSE is designed and organized to focus only on the Construction PM Module topics. The new 2018 NCEES 8 references: 1. ASCE 37, Design Loads on Structures During Construction, 2014. (2) CMWB, 2012. (3) AISC 14th edition, Steel Construction Manual, 2011, part 2 1-3,8, 16.1 and 16.2. (4) ACI MNL-15, Field Reference Manual, 2016 (5) ACI 347R, Guide to Formwork for Concrete, 8th ed. 2014 (6) ACI SP-4, Formwork for Concrete, 8th ed, 2014. (7) OSHA, Construction Industry Regulations, 29 CFR Part 1903, 104, and 1926, January 2017, and (8) MUTCD 2009, Part 6, 2009. **The 5-day withdrawal policy will apply upon receiving any of the books.**



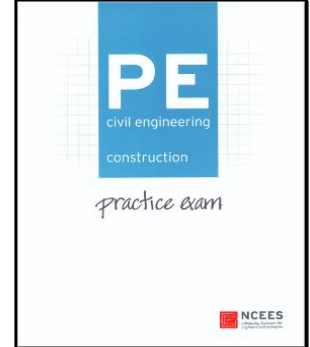
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**Book #2**



**Book #3**



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 Books descriptions available on page 15 as well as [www.passpe.com](http://www.passpe.com)

Session	Day	Date	Time (PST)	hrs	Location – Fresno, CA	Subject/Chapter(s)
1	Sat	8/7/21	8:30 AM-4:30 PM	7	Live Class/Live Web	Construction 1
2	Sat	8/21/21	8:30 AM-4:30 PM	7	Live Class/Live Web	Construction 2
3	Sun	9/5/21	8:30 AM-4:30 PM	7	Live Class/Live Web	Construction 3
4	Sun	9/19/21	8:30 AM-4:30 PM	7	Live Class/Live Web	Construction 4
5	Sun	9/25/21	8:30 AM-4:30 PM	7	Live Class/Live Web	Workshop 1
6	Sat	10/9/21	8:30 AM-4:30 PM	7	Live Class/Live Web	Construction 5
7	Sun	10/10/21	8:30 AM-4:30 PM	7	Live Class/Live Web	Workshop 2
8	Sat	10/16/21	8:30 AM-4:30 PM	7	Live Class/Live Web	Const. Mock Exam
<b>Total</b>				<b>56</b>		

**Total Hours = 35 hrs (lectures and problems solving) + 14 hrs (workshops) + 7 hrs (mock exam) = 56 hrs**

**PE Civil Exam on October 22<sup>nd</sup>, 2021 (Check with NCEES and CA Board for any changes)**





# Pass PE by PESE Inc. with Dr. Mansour

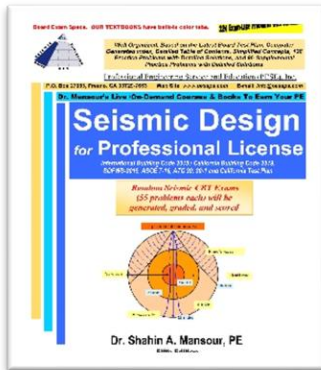
P.O. Box 27653, Fresno, CA 93726-7653  
 Telephone: Office – (559) 776-3655 Dr. Mansour – (559) 289-6412  
 Web: [www.passpe.com](http://www.passpe.com) • Email: Dr. Mansour – [info@passpe.com](mailto:info@passpe.com) Office – [names@passpe.com](mailto:names@passpe.com)

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

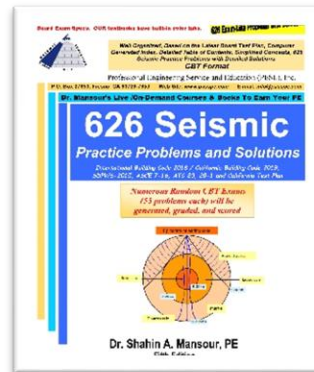
### Third Quarter 2021 Schedule. New and Updated Surveying Books.

Books are in stock and will ship same or next day

This 21 hours live workshops (3d quarter and 55 hours of on-demand (Taught Spring 2020) will prepare the participants for the special seismic exam for California Civil P.E. The course will explain the seismic design of buildings and 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 experienced Dr. Mansour. The author presents the subject in a logical sequence of seismic topics, easy approach even if the participant has never had a seismic course before. This textbook is the ONLY textbook in 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, almost complete, and self-contained textbook as it was stated by our previous participants over the 25 years of offering this course.



Book #1



Book #2

(all books are based on the 2021 CA Board Exam Specifications and references)

Books descriptions available on page 16 as well as [www.passpe.com](http://www.passpe.com)

Session	Day	Date	Time (PST)	hrs	Location – Fresno, CA	Subject/Chapter(s)
1	Wed	7/7/21	4:30 PM-8:00 PM	3.5	Live Class/Live Web	Chapters 1, 2, 3, and 4
2	Wed	7/21/21	4:30 PM-8:00 PM	3.5	Live Class/Live Web	Chapter 5, and 6
3	Wed	8/4/21	4:30 PM-8:00 PM	3.5	Live Class/Live Web	Chapter 6
4	Wed	8/18/21	4:30 PM-8:00 PM	3.5	Live Class/Live Web	Chapters 7 and 8
5	Wed	9/1/21	4:30 PM-8:00 PM	3.5	Live Class/Live Web	Chapter 9
6	Wed	9/15/21	4:30 PM-8:00 PM	3.5	Live Class/Live Web	Chapters 10, 11, and 12
7	Wed	9/29/21	4:30 PM-8:00 PM	3.5	Live Class/Live Web	Chapters 13, 14, 15, and 16
Total				24.5		

**Total Hours = 24.5 hrs Live workshops + 55 On-demand (24/7) = 79.5 hours**

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

**Live Course also grants access to the ON-DEMAND (24/7) recordings  
 (Spring 2020 Course) for 150 days from the enrollment day.**



# Pass PE by PESE Inc. with Dr. Mansour

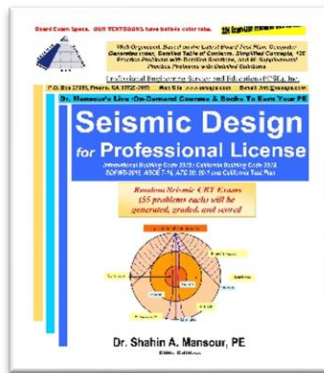
P.O. Box 27653, Fresno, CA 93726-7653  
 Telephone: Office – (559) 776-3655 Dr. Mansour – (559) 289-6412  
 Web: [www.passpe.com](http://www.passpe.com) • Email: Dr. Mansour – [info@passpe.com](mailto:info@passpe.com) Office – [names@passpe.com](mailto:names@passpe.com)

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

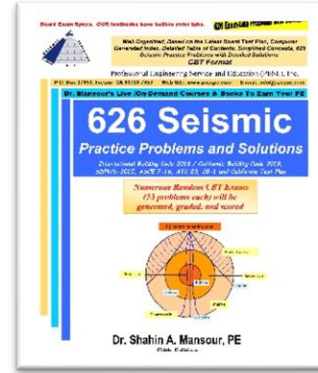
### Fourth Quarter 2021 Schedule. New and Updated Surveying Books.

Books are in stock and will ship same or next day

This 21 hours live workshops (3d quarter and 55 hours of on-demand (Taught Spring 2020) will prepare the participants for the special seismic exam for California Civil P.E. The course will explain the seismic design of buildings and 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 experienced Dr. Mansour. The author presents the subject in a logical sequence of seismic topics, easy approach even if the participant has never had a seismic course before. This textbook is the ONLY textbook in 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, almost complete, and self-contained textbook as it was stated by our previous participants over the 28 years of offering this course.



Book #1



Book #2

(all books are based on the 2021 CA Board Exam Specifications and references)

Books descriptions available on page 16 as well as [www.passpe.com](http://www.passpe.com)

Session	Day	Date	Time (PST)	hrs	Location – Fresno, CA	Subject/Chapter(s)
1	Wed	10/6/21	4:30 PM-8:00 PM	3.5	Live Class/Live Web	Chapters 1, 2, 3, and 4
2	Wed	10/20/21	4:30 PM-8:00 PM	3.5	Live Class/Live Web	Chapters 5, and 6
3	Wed	11/3/21	4:30 PM-8:00 PM	3.5	Live Class/Live Web	Chapter 6
4	Wed	11/17/21	4:30 PM-8:00 PM	3.5	Live Class/Live Web	Chapters 7 and 8
5	Wed	12/1/21	4:30 PM-8:00 PM	3.5	Live Class/Live Web	Chapters 9, and 10
6	Wed	12/15/21	4:30 PM-8:00 PM	3.5	Live Class/Live Web	Chapters 10, 11, and 12
7	Wed	12/29/21	4:30 PM-8:00 PM	3.5	Live Class/Live Web	Chapters 13, 14,15, and 16
Total				24.5		
Total Hours = 24.5 hrs Live workshops + 55 On-demnad (24/7) = 79.5 hours						
California Special Seismic Exams Are Offered Quarterly. Check with CA Board for Information.						

Live Course also grants access to the ON-DEMAND (24/7) recordings  
 (Spring 2020 Course) for 150 days from the enrollment day



# Pass PE by PESE Inc. with Dr. Mansour

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Telephone: Office – (559) 776-3655 Dr. Mansour – (559) 289-6412

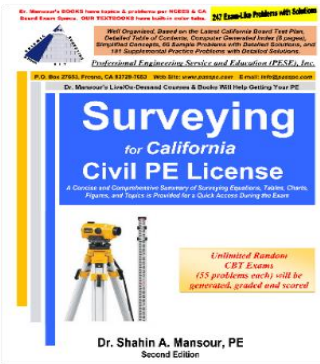
Web: [www.passpe.com](http://www.passpe.com) • Email: Dr. Mansour – [info@passpe.com](mailto:info@passpe.com) Office – [names@passpe.com](mailto:names@passpe.com)

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

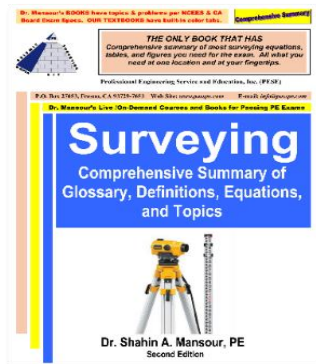
### Third Quarter 2021 Schedule. New and Updated Surveying Books

Books are in stock and will ship same or next day

This is the MOST COMPREHENSIVE surveying review course in the market. The 54.5 hours of live instructions and workshops will prepare the participants for the special surveying exam for California Civil P.E. The **FOUR BOOKS** authored by the highly qualified and knowledgeable instructor, Dr. Mansour; present the subject in a logical sequence of surveying topics, easy approach and moreover a complete PREP COURSE even if the participant has never had a surveying course before. This textbook is the **ONLY** book in 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, almost complete, and self-contained textbook as it was stated by our previous participants. **Study materials will be mailed upon registration with course fees per our policies.** Read more at <https://passpe.com/policies-and-information>.



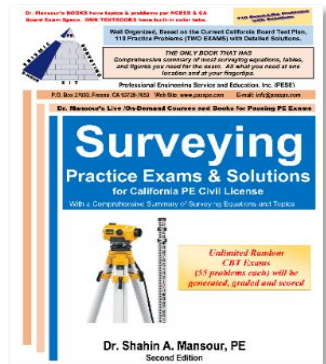
Book #1



Book #2



Book #3



Book #4

(all books are based on the 2020 CA Board Exam Specifications and references)  
Books descriptions available on page 17 as well as [www.passpe.com](http://www.passpe.com)

Session	Day	Date	Time (PST)	hrs	Location – Fresno, CA	Subject/Chapter(s)
1	Wed	7/14/21	4:30 PM-8:00 PM	3.5	Live Class/Live Web	Workshop 1
2	Wed	7/28/21	4:30 PM-8:00 PM	3.5	Live Class/Live Web	Workshop 2
3	Wed	8/11/21	4:30 PM-8:00 PM	3.5	Live Class/Live Web	Workshop 3
4	Wed	8/25/21	4:30 PM-8:00 PM	3.5	Live Class/Live Web	Workshop 4
5	Wed	9/8/21	4:30 PM-8:00 PM	3.5	Live Class/Live Web	Workshop 5
6	Wed	9/22/21	4:30 PM-8:00 PM	3.5	Live Class/Live Web	Workshop 6
Total				21.0		
Total Hours = 21.0 hrs Live workshops + 55 On-demand (24/7) = 76 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 150 days from the enrollment day.



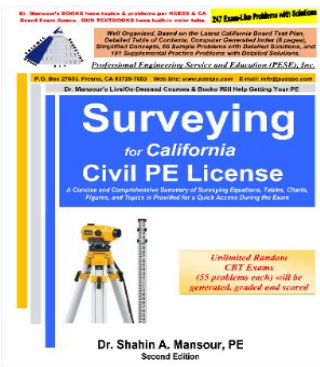


# Pass PE by PESE Inc. with Dr. Mansour

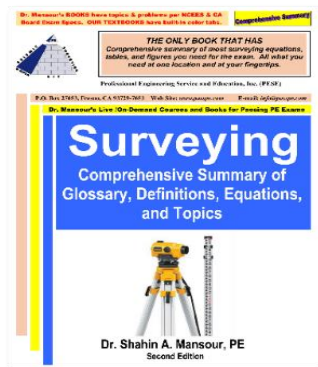
P.O. Box 27653, Fresno, CA 93726-7653  
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## Surveying Review for Professional License - Per CA Board Plan Fourth Quarter 2021 Schedule. New and Updated Surveying Books Books are in stock and will ship same or next day

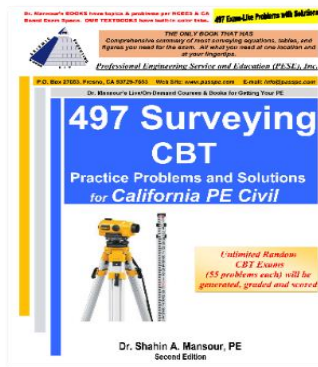
This is the MOST COMPREHENSIVE surveying review course in the market. The 54.5 hours of live instructions and workshops will prepare the participants for the special surveying exam for California Civil P.E. The **FOUR BOOKS** authored by the highly qualified and knowledgeable instructor, Dr. Mansour; present the subject in a logical sequence of surveying topics, easy approach and moreover a complete PREP COURSE even if the participant has never had a surveying course before. This textbook is the **ONLY** book in 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, almost complete, and self-contained textbook as it was stated by our previous participants. **Study materials will be mailed upon registration with course fees per our policies.** Read more at <https://passpe.com/policies-and-information>.



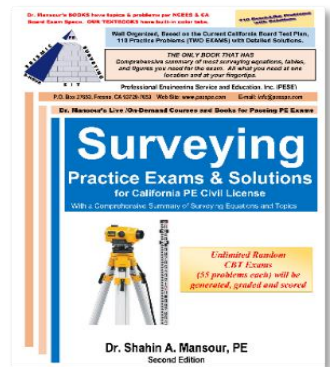
Book #1



Book #2



Book #3



Book #4

(all books are based on the 2020 CA Board Exam Specifications and references)  
 Books descriptions available on page 17 as well as [www.passpe.com](http://www.passpe.com)

Session	Day	Date	Time (PST)	hrs	Location – Fresno, CA	Subject/Chapter(s)
1	Wed	10/13/21	4:30 PM-8:00 PM	3.5	Live Class/Live Web	Workshop 1
2	Wed	10/27/21	4:30 PM-8:00 PM	3.5	Live Class/Live Web	Workshop 2
3	Wed	11/10/21	4:30 PM-8:00 PM	3.5	Live Class/Live Web	Workshop 3
4	Wed	11/24/21	4:30 PM-8:00 PM	3.5	Live Class/Live Web	Workshop 4
5	Wed	12/8/21	4:30 PM-8:00 PM	3.5	Live Class/Live Web	Workshop 5
6	Wed	12/22/21	4:30 PM-8:00 PM	3.5	Live Class/Live Web	Workshop 6
			<b>Total</b>	<b>21.0</b>		
<b>Total Hours = 21.0 hrs Live workshops + 55 On-demand (24/7) = 76 hours</b>						
<b>California Special Surveying Exams Are Offered Quarterly. Check with CA Board for Information.</b>						

Live course also grants access to the current class recordings as **ON-DEMAND** for 150 days from the enrollment day.





# Pass PE by PESE Inc. with Dr. Mansour

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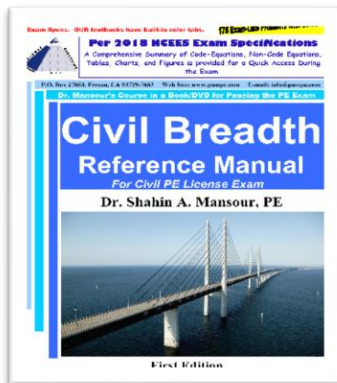
## New, Well Organized, and Updated Prep Textbooks

**Dr. Mansour's Textbooks have a high rating per Amazon website**

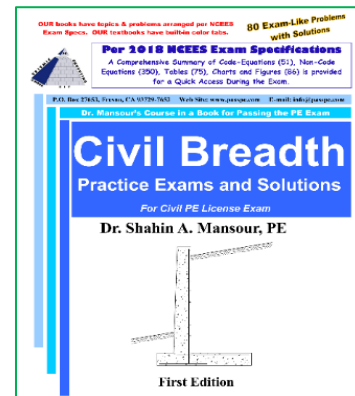
(search on Amazon: books by Dr. Shahin Mansour)

## PE Civil, Transportation PM, Construction PM, Seismic, and Surveying

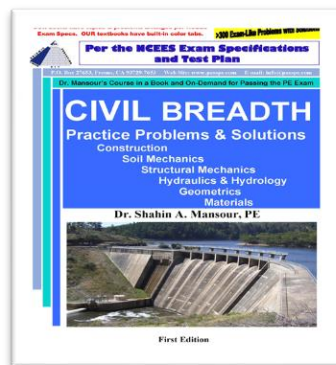
### 1- Civil Breadth (AM) Prep Textbooks, 1<sup>st</sup> Edition



Dr. Mansour's **Civil Breadth Reference Manual (CBRM)** is the most concise and comprehensive textbook in the market per NCEES Exam Specifications and topics. The textbook consists of 8 chapters matching the NCEES 8 topics. Numerous tables, figures, charts and all necessary equations are provided. 175 exam like problems with solutions are included. A concise and comprehensive summary is provided at the beginning of the book for easy access of equations, tables & charts during the actual exam.



Dr. Mansour's **Civil Breadth Practice Exams and Solutions** includes two full length multiple choice exams. Each exam contains 40 problems with detailed solutions citing any reference needed per 2018 NCEES Exam Specifications. A concise and comprehensive summary is provided at the beginning of the book for easy access of equations, tables & charts during the actual exam.



**Civil Breadth Practice Problems and Solutions** includes more than 220 practice problems with detailed solutions citing any reference needed per 2018 NCEES Exam Specifications. This is a companion book to the CBRM where 8 chapters are provided in the same order of the NCEES. A concise and comprehensive summary is provided at the beginning of the book for easy access of equations, tables and charts during the actual exam.



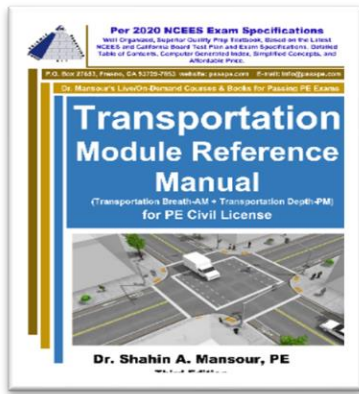
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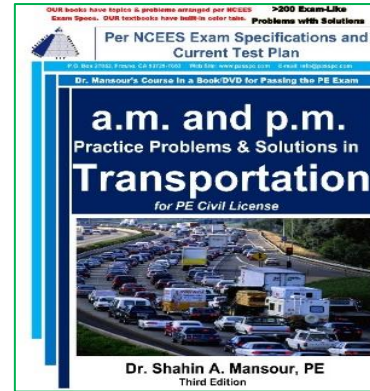
Telephone: Office – (559) 776-3655 Dr. Mansour – (559) 289-6412

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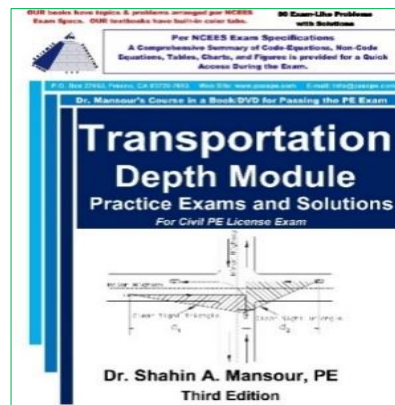
## 2- Transportation Depth (PM) Prep Textbooks, 3<sup>rd</sup> Edition



Dr. Mansour's **Transportation Module Reference Manual (TMRM), 3<sup>rd</sup> edition** for the PE Civil Exam includes more than 185 practice problems with detailed solutions. It includes one chapter for the Transportation AM topics (Geometrics) and 11 Chapters for the Transportation PM topics. The textbook is based on the current 12 references and topics listed in the NCEES exam specifications per April 2020 Exam. Many equations, tables, charts, and illustrations are provided in this valuable textbook. This edition is expected to have the same high rating as the previous editions as indicated on Amazon website.



Dr. Mansour's **a.m. and p.m. practice problems and solutions in Transportation Module** for the PE Civil Exam includes more than 215 practice problems with detailed solutions. It includes 1 Ch. for the Transportation AM topics (Geometrics) and 11 Chapters for the Transportation PM topics. The 11 Chapters are based on current 12 references and topics listed in the NCEES exam specifications per April 2020 Exam. A concise and comprehensive summary is provided at the beginning of the book for easy access during the actual 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 12 transportation references per 2020 NCEES Exam Specifications and Topics. A concise and comprehensive summary of equations, tables, and charts is provided at the beginning of the book for easy access during the actual exam.



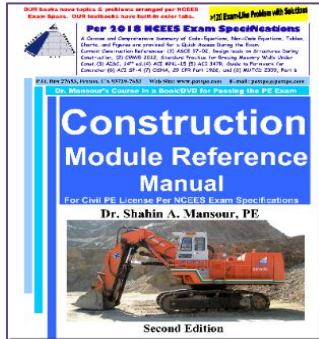
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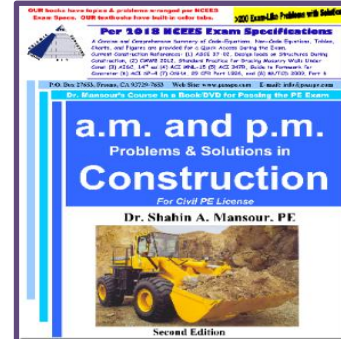
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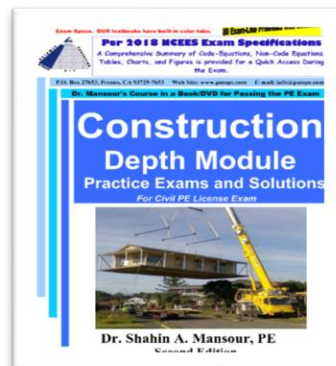
## 3- Construction Depth (PM) Prep Textbooks, 2<sup>nd</sup> Edition



**Construction Module Reference Manual (CMRM)** for the PE Civil Exam includes a comprehensive and complete review for the NCEES Construction Module (AM and PM) Exam Topics. The book has 180 practice problems and detailed solutions. 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 April 2018 Exam. A concise and comprehensive summary is provided at the beginning of the book for easy access during the exam. Clear, easy-to-understand explanations of construction engineering concepts supported by many sample problems similar to the actual exam.



Dr. Mansour's **a.m. and p.m. 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 AM topics and 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 April 2018 Exam. A concise and comprehensive summary is provided at the beginning of the book for easy access during the actual exam.



**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 2018 NCEES. A concise and comprehensive summary is provided at the beginning of the book for easy access during the actual exam.



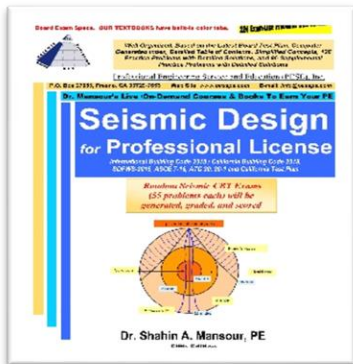
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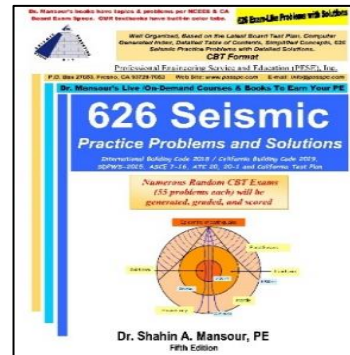
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## 4- Seismic Prep Textbooks Per CBC 2019/IBC 2018, ASCE 7-16, ATC 20, ATC 20-1, and California Board Test Plan 5<sup>th</sup> Edition, Dr. Shahin A. Mansour



Dr. Mansour's **Seismic Design for Professional License, 5<sup>th</sup> 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, 5<sup>th</sup> 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 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.





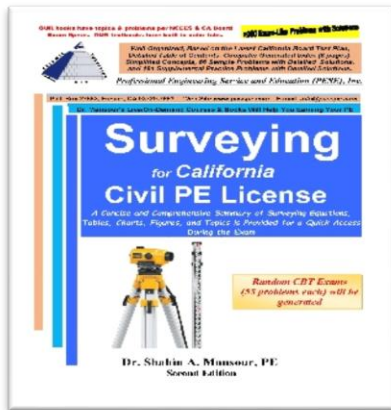
# Pass PE by PESE Inc. with Dr. Mansour

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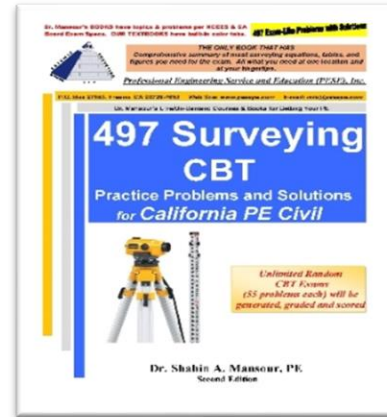
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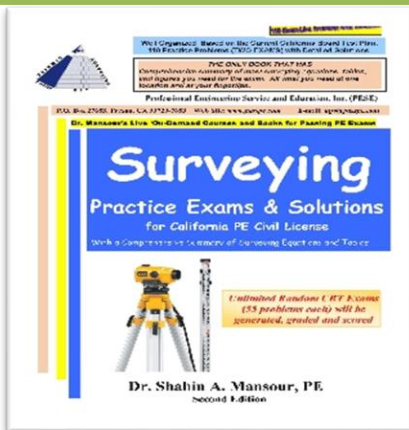
## 5- Surveying Prep Textbooks Per California Board Test Plan 2<sup>nd</sup> Edition, by Dr. Shahin A. Mansour



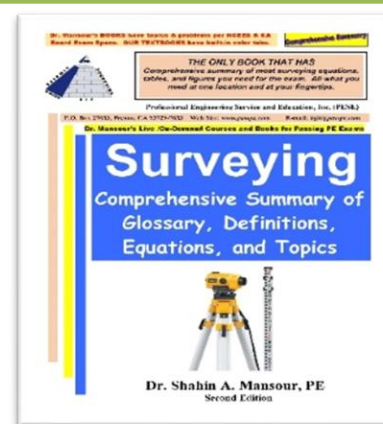
This new edition (2<sup>nd</sup> edition) of the **Surveying for California PE Civil License** is based on the current California Test Plan for the special 2.5 hrs CBT exam. Unlimited CBT Surveying exams can be generated from this book. Each exam consists of 55 questions in 2.5 hrs to simulate the actual exam. The score of each 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 2<sup>nd</sup> edition of **497 surveying CBT Practice Problems and Solutions for California PE Civil License** 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 makes this textbook unique.



**Surveying Practice Exams and Solutions for California PE Civil License, 2<sup>nd</sup> 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 and very useful book.



**Surveying Comprehensive Summary of Glossary, Definitions, Equations, and Topics, 2<sup>nd</sup> edition** book is based on the current California Test Plan for the special 2.5 hrs CBT exam. The comprehensive summary of equations, tables, and charts provided makes this book especially useful, unique, almost complete, and self-contained during the actual CBT Surveying Exam.



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# FE Civil Reference Manual

**Dr. Shahin A. Mansour, PE**



**First Edition**