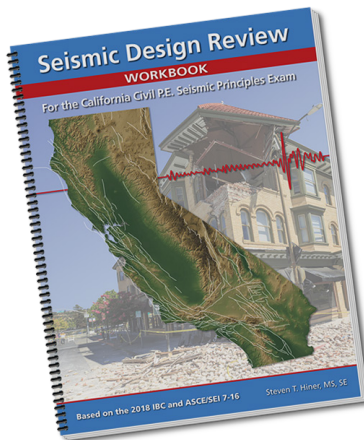


2020 SDR On-Demand Webinars – Video Outline



NOTE: Additional videos hosted on Screencast.com are provided which cover SDR Workbook Chapters 1, 2 & 5 and Part 2 - Example Problems #1, #2, #3, #13, #14 & #19. These videos **are not** part of the On-Demand Library and may be viewed multiple times without affecting your On-Demand account.

Lecture #1 -

- Part 1 (65 minutes) – §3.1 to §3.4 (Risk Category)
- Part 2 (60 minutes) – §3.4 (Wind and Seismic Detailing) to §3.6 (S_{MS} & S_{M1})
- Part 3 (68 minutes) – §3.6 (S_{DS} & S_{D1}), §3.7 and use of S_{DS} / S_{D1} / SDC colored charts
- Part 4 (68 minutes) – §4.1 to §4.3 (Structural Systems)
- Part 5 (70 minutes) – §4.3 (Structural System Selection, Limitations & R)
- Part 6 (46 minutes) – §4.3 (Ω_0), §4.4, §4.8 & §4.9 (C_S & V)
- Part 7 (52 minutes) – §4.9 (T & T_a) & §4.11 (F_x , V_x & OTM_x)
- Part 8 (88 minutes) – Part 2 - Example Problems #4 to #9

Lecture #2 -

- Part 1 (57 minutes) – §4.10 & §4.5 (Horizontal Irregularities)
- Part 2 (53 minutes) – §4.5 (Vertical Irregularities), §4.6 & §4.7
- Part 3 (52 minutes) – §4.12
- Part 4 (83 minutes) – §4.13 to §4.19
- Part 5 (67 minutes) – §6.1 to §6.5
- Part 6 (62 minutes) – §6.6
- Part 7 (75 minutes) – §7.1 to §7.3
- Part 8 (76 minutes) – Part 2 - Example Problems #10, #11, #12, #15 & #16

Lecture #3 -

- Part 1 (71 minutes) – §8.1 and Part 2 - Example Problem #9 (part D)
- Part 2 (45 minutes) – §8.2 & §8.3
- Part 3 (84 minutes) – §8.4 & §8.5
- Part 4 (35 minutes) – §8.6
- Part 5 (71 minutes) – §8.7 (p. 1-121 to 1-127 / Torsional Shear)
- Part 6 (73 minutes) – §8.7 (p. 1-127 / Torsion: X-Direction to 1-133), §8.8 & CR Slideshow
- Part 7 (63 minutes) – Part 2 - Example Problems #17, #18 & #20
- Part 8 (32 minutes) – Part 2 - Example Problems #21 & #22

Lecture #4 -

- Part 1 (61 minutes) – §9.1 to §9.4
- Part 2 (63 minutes) – §9.5 to §9.9
- Part 3 (61 minutes) – §10.1 to §10.4
- Part 4 (59 minutes) – §11.1 to §11.8
- Part 5 (44 minutes) – §12.1
- Part 6 (43 minutes) – §12.2
- Part 7 (47 minutes) – §13.1 to §13.4 and Part 2 - Example Problem #23
- Part 8 (51 minutes) – §14.1 to §14.5

NOTE: §12.3 (Seismic Legislation), §13.2 (Slope Stability) & §13.3 (Retaining Walls) are not currently on the Seismic Principles Test Plan; therefore, they are only discussed briefly in the On-Demand videos.