

# PE EXAM PREP & RESOURCE MATERIALS

The PE-CE exam for October 22, 2021, will still be in paper & pencil.

NCEES.ORG is the Registrar for the FE/PE exams. You must go through them first, in order to sit for the exam.

Create a login, or sign-in to [NCEES.ORG](https://www.ncees.org), to obtain free electronic Reference Guides for all exams that have transitioned to C-B-T (Computer-Based Testing).

For all test schedules, go to:  
[NCEES.org/exams/schedule/](https://www.ncees.org/exams/schedule/)

## PE MECHANICAL

MERM13P Mechanical Engineering Reference Manual for the PE Exam, 13<sup>th</sup> Edition 2014, Lindeburg (978-1591264149) cannot bring into exam as of 2020.

Practice Problems for the Mechanical Engineering PE Exam, 13<sup>th</sup> Edition 2014, Lindeburg (978-1591264422)

### PE-Mechanical: HVAC and Refrigeration

PE Mechanical: HVAC and Refrigeration Practice Exam, NCEES (978-1591265405)

ASHRAE Pocket Guide for Air-Conditioning, Heating, Ventilation, Refrigeration, 9<sup>th</sup> Ed., ASHRAE.org

### PE-Mechanical: Machine Design and Materials

PE Mechanical: Machine Design and Materials Practice Exam, NCEES (978-1-932613-77-3)

Shigley's Mechanical Engineering Design, 10th Ed. (978-0-073398-20-4)

Schaum's Outline of Machine Design 1st Edition, Hall, Holowenko & Laughlin (978-0070255951)

GD&T Quick-Reference Guide

### PE-Mechanical: Thermal and Fluid Systems

Thermal and Fluids Systems Reference Manual for the Mechanical PE Exam, 1<sup>st</sup> Ed., 2017, Hanson (978-1591265221)

PE Mechanical: Thermal and Fluids Systems Practice Exam, NCEES, (978-1-932613-78-0)

## PE CIVIL

Civil Engineering Reference Manual for the PE Exam, Lindeburg 16<sup>th</sup> Edition 2018 (978-1591265702)

PE Civil Practice Problems, Lindeburg 2019 (978-1591265726)

### PE-Civil: Construction

CECNP Construction Depth Reference Manual for the Civil PE Exam, Korman 2016 (978-1591264927)

PE Civil: Construction Practice Exam, NCEES 2019 (978-1-932613-70-4)

29 CFR Part 1926 OSHA Construction Standards & Regulations

OSHA Construction Safety Essentials Quick-Card

### PE-Civil: Geotechnical

PE Civil: Geotechnical Practice Exam, NCEES (978-1-932613-71-1)

Six-Minute Solutions for the Civil PE Exam Geotechnical Depth Problems, 3<sup>rd</sup> Ed., (978-1591264811)

Geotechnical Depth Practice Exams for the PE Civil, Wolle (978-1-59126-350-0)

### PE-Civil: Structural

CEST5 Structural Depth Reference Manual for the Civil PE Exam, Williams 2017 (978-1591265559)

PE Civil: Structural Practice Exam, NCEES (978-932613-72-8)

### PE-Civil: Transportation

Transportation Depth Reference Manual for the Civil PE Exam, Voight 2017 (978-1591264682)

PE Civil: Transportation Practice Exam, NCEES (978-1-932613-73-5)

## PE-Civil: Water Resources and Environmental

Water Resources and Environmental Depth Reference Manual for the Civil PE Exam, Brant & Kauffman (978-1591260950)

PE Civil: Water Resources and Environmental Practice Exam, NCEES (978-1-932613-74-2)

## PE ENVIRONMENTAL

The PE-Environmental Exam has migrated to Computer-Based-Testing (CBT). It is no longer open book. However, when you make your free account on [NCEES.org](https://account.ncees.org) and login in you are able to download as well as print the .pdf version of the Environmental Resource Guide that will be made available during your test. <https://account.ncees.org/reference-handbooks/>

Environmental Engineering Reference Manual for the PE Exam, 3<sup>rd</sup> Ed. 2014 (978-1-59126-475-0) **Cannot bring into exam as of 2019.**

PE Environmental Practice Exam, NCEES (978-1-932613-94-0)

Environmental Consulting Fundamentals: Investigation and Remediation, Alter 2nd Ed., (978-1138613201)

Practical Design Calculations for Groundwater and Soil Remediation, Kuo, 2014 (978-1466585232)

## PE ELECTRICAL

### PE-Electrical and Computer: Power

(EPRM) Power Reference Manual for the Electrical and Computer PE Exam, Camara 3<sup>rd</sup> Edition 2018 (978-1591266303)

PE Electrical and Computer: Power Practice Exam, NCEES (978-1-932613-92-6) National Electrical Code 2017 1st Ed.,

Study Guide for PE-Electrical and Computer - Power Exam: Ed., Asghar (978-1725759312)

NFPA 70 National Electrical Code Handbook, National Fire Protection Association (978-1455912773)

EZ TABS (COLOR CODED) 2017 : National Electrical Code

### PE-Electrical and Computer: Electrical and Electronics (ESD does not offer this class currently) **PE**

Electronics, Controls and Communications Reference Manual for the PE Exam, Camara 2019(978-1-59126-638-9)

PE Electrical and Computer: Electronics, Controls, and Communications Practice Exam, NCEES (978-1-932613-93-3)

### PE-Electrical and Computer: Computers (ESD does not offer this class currently)

Computer Engineering Reference Manual for the Electrical and Computer PE Exam, Camara 3<sup>rd</sup> Edition 2018 (978-1591266303)

PE Electrical and Computer: Computer Engineering Practice Exam, NCEES (978-1-932613-91-9)

## PE CHEMICAL (ESD does not offer this class currently)

Chemical Engineering Reference Manual, 2016., Lindeburg (978-1591264453)

NCEES Chemical Engineering Reference Handbook, AIChE.org

PE Chemical Practice Exam, NCEES (978-1-932613-79-7)

Practice Problems for the Chemical Engineering Exam, Lindeburg 2016 (978-1591264118)

## PE METALLURGICAL & MATERIALS (ESD does not offer this class currently)

Study Guide for Principles and Practice of Engineering Metallurgical & Materials (PE) Exam, TMS.org

Metallurgy and Materials PE Exam Solved, Kar & Hu 2017 (978-1-59126-528-3)