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## Online Construction Classes - Required Textbooks

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Students in our online construction classes can order their required course books by visiting the SDSU Bookstore's [Ship-to-Home page](#) :

- 1) From the Ship-to-Home page, accept the terms and conditions;
- 2) Select **SDSU Global Campus – [current term]**
- 3) Select the department: **Engineering**
- 4) Select the course number
- 5) Select (any of) the section(s) listed

This will show you the textbook for the class and you can proceed with your purchase.

You are welcome to purchase your textbooks from other vendors, but many students find the SDSU site to be most convenient and our bookstore always stocks the correct editions.

Here is the comprehensive list of required textbooks for our online construction courses:

- **ENGR 18 (Construction Materials and Processes):** Fundamentals of Building Construction: Materials and Methods, 7<sup>th</sup> edition, Edward Allen & Joseph Iano (Wiley, 2019).  
ISBN: 978-1119446194.
- **ENGR 21 (Estimating & Bidding I):** Estimating in Building Construction, 9<sup>th</sup> edition, Steven Peterson & Frank Dagostino (Prentice Hall, 2018). ISBN:978-0134701165.
- **ENGR 22 (Estimating & Bidding II):** Estimating in Building Construction, 9<sup>th</sup> edition, Steven Peterson & Frank Dagostino (Prentice Hall, 2018). ISBN: 978-0134701165.
- **ENGR 28 (Leadership & Motivation):** STP Unit 1 PM: Leadership and Motivation, 2015 edition, Associated General Contractors. ISBN: 978-1-936006-26-7. Available in Hardcopy or Kindle.  
◆ Available directly on [AGC website](#) if you don't purchase from bookstore
- **ENGR 30 (Oral & Written Communication):** STP Unit 2 PM: Oral and Written Communication, 2015 edition, Associated General Contractors. ISBN: 978-0-9822945-8-1.  
Available in Hardcopy or Kindle.  
◆ Available directly on [AGC website](#) if you don't purchase from bookstore
- **ENGR 31 (Contract Documents and Construction Law):** STP Unit 4 PM: Contract Documents, 2015 edition, Associated General Contractors. ISBN: 978-1-936006-54-0.  
Available in Hardcopy or Kindle.  
◆ Available directly on [AGC website](#) if you don't purchase from bookstore
- **ENGR 32 (Planning and Scheduling):** STP Unit 3 PM: Planning and Scheduling, 2015 edition, Associated General Contractors. ISBN: 978-1-936006-52-6. Available in Hardcopy or Kindle.  
◆ Available directly on [AGC website](#) if you don't purchase from bookstore
- **ENGR 33 (Construction Blueprint Reading):** Print Reading for Construction with Blueprints, 7<sup>th</sup> edition, Walter Brown & Daniel Dorfmueller (Goodheart-Willcox, 2019). ISBN: 978-163126-922-6  
◆ *Be sure to purchase edition that includes blueprints.*  
*Electronic version is [only available through the publisher](#).*
- **ENGR 34 (Introduction to Construction Estimating):** Construction Estimating & Bidding: Theory/Principles/Process, 2<sup>nd</sup> edition, Associated General Contractors (2005). ISBN: N/A  
◆ Available directly on [AGC website](#) if you don't purchase from bookstore.
- **ENGR 35 (Essential Construction Math):** Mathematics for Carpentry & Construction Trades, 3<sup>rd</sup>

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Edition, Alfred Webster & Kathryn Bright (Prentice Hall, 2011). ISBN: 978-0135114001.

- **ENGR 38 (Building Green Buildings: The Contractor's Perspective):** Green Building Illustrated, 2nd edition. Francis D.K. Ching and Ian M. Shapiro (Wiley, 2014). ISBN: 978-1118562376.
- **ENGR 43 (Construction Equipment & Methods):**
  - Construction Planning, Equipment and Methods, 9<sup>th</sup> Edition. Robert L. Peurifoy, Clifford Schexnayder, Robert Schmitt and Aavid Shapira. (McGraw-Hill Education, 2018). ISBN: 978-1260108804.
  - Caterpillar Performance Handbook, 46<sup>th</sup> edition (Caterpillar Inc., 2016).
    - ◆ Available free [online](#).
- **ENGR 44 (Practical Applications of Civil Construction):**
  - Construction Panning, Equipment and Methods, 9<sup>th</sup> Edition. Robert L. Peurifoy, Clifford Schexnayder, Robert Schmitt and Aavid Shapira. (McGraw-Education, 2018). ISBN: 978-12860108804.
  - Caterpillar Performance Handbook, 46<sup>th</sup> edition (Caterpillar Inc., 2016).
    - ◆ Available free [online](#).
- **ENGR 45 (Estimating Civil Construction):** Estimating Excavation Revised, Deryl Burch, revised by Dan Atcheson (Craftsman, 2013). ISBN: 978-1-57218-301-8 (ebook in PDF format; may be ordered directly from [Craftsman](#))
- **ENGR 46 (Civil Sitework Blueprint Reading and Materials):** Soil and Rock Construction Materials, Greg McNally (CRC Press, 1998). ISBN: 978-0419214205. (ebook available: ISBN 0203476573)
- **ENGR 47 (Construction Project Management):** Construction Project Management: A Complete Introduction, Alison Dykstra (Kirshner Publishing, 2018). ISBN: 978-0-9827034-3-4.
- **ENGR 48 (Problem Solving and Risk Management):** STP Unit 6 PM: Risk Management and Problem Solving, 2015 edition, Associated General Contractors. ISBN: 978-1-936006-58-8. Available in Hardcopy or Kindle.
  - ◆ Available directly on [AGC website](#) if you don't purchase from bookstore
- **ENGR 49 (Construction Productivity and Cost Management):** STP Unit 5 PM: Improving Productivity and Managing Product Costs, 2015 edition, Associated General Contractors. ISBN: 978-1-936006-56-4. Available in Hardcopy or Kindle.
  - ◆ Available directly on [AGC website](#) if you don't purchase from bookstore
- **ENGR 50 (Practical Applications of Construction Law):** Construction Law for Managers, Architects and Engineers, Nancy White (Cenage, 2007). ISBN: 978-1-4180-4847-1.