



**AccessEngineering®** is an interactive learning solution built for learners and educators alike. It provides students with the tools they need to learn and apply solutions to real-world problems, as well as help them prepare for exams and certifications. Likewise, it enables faculty to integrate practical resources into their courses, empowering them with support to improve student outcomes.



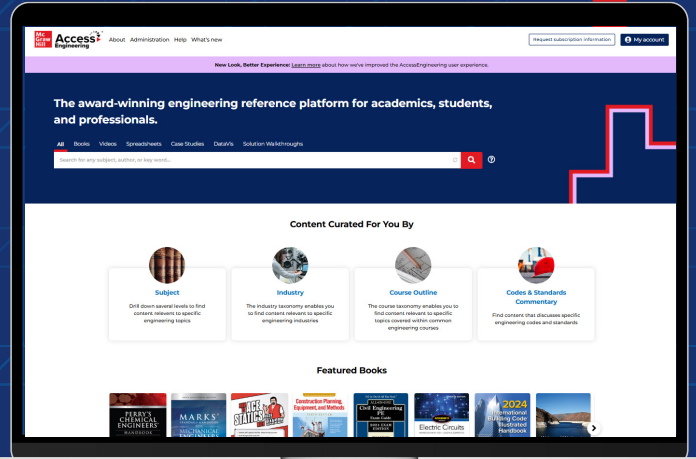
On the Go



In the Classroom



At Home



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**An institutional subscription to AccessEngineering includes:**

- Digital editions of leading upper-level engineering textbooks such as:
  - *Construction Planning, Equipment and Methods*
  - *Water and Wastewater Engineering*
  - *Energy Systems Engineering*
  - *Design of Wood Structures*
  - *Introduction to the Finite Element Method*
  - *Internal Combustion Engine Fundamentals*
- *Schaum's Outlines*, the well-known study support guides for students.
- Various content formats to integrate into any engineering curriculum and meet diverse learning styles.
- Landmark reference texts such as *Perry's Chemical Engineers' Handbook*, *Roark's Formulas for Stress and Strain*, and *Marks' Standard Handbook for Mechanical Engineers*.



**Subject Areas**

- Aerospace
- Biomedical
- Chemical
- Civil
- Computer Science
- Electrical
- Energy
- Engineering Management
- Environmental
- Industrial
- Materials
- Mechanical



## Inside AccessEngineering®



### Spreadsheet Calculators

Spreadsheet calculators enable students to model engineering calculations to see how changes in variables impact results. They also save users time and reduce errors.



### Graphs and Tables

Thousands of interactive graphs and downloadable tables allow for easier analysis of data.



### DataVis™ Material Properties

DataVis™ makes it easy to compare properties across different materials and to evaluate multiple properties simultaneously. Students say DataVis™ significantly improves their understanding of material properties.



### Case Studies

AccessEngineering Case Studies present real-world examples of biomedical and other engineering applications. Cases include questions and problems tied to specific ABET learning objectives and include teaching notes and solutions for instructors.



### Videos

A robust repository of instructional videos, created exclusively for AccessEngineering by top engineering faculty and practicing engineers, offers step-by-step solutions to engineering problems.



### Curated by Course Outline

Our Course Outline taxonomy maps content to 30+ common engineering courses, making it easy for faculty to browse relevant content or narrow their search for what they need as they plan curriculum.



### Solution Walkthroughs

Our professor-written, student-tested solution walkthroughs make challenging homework problems easier. They help students maximize their study time by providing comprehensive step-by-step explanations—not just answers—of engineering problems from leading textbooks.



### Smart Search

AccessEngineering's proprietary search algorithm makes it easy for users to quickly find the information they need.



For more information on AccessEngineering,  
request a demo at [accessengineeringlibrary.com](https://accessengineeringlibrary.com)

AccessEngineering offers retrievable institutional usage statistics, title-by-title usage statistics, MARC 21 records, advanced search capabilities, including Boolean search, and is COUNTER-compliant and SUSHI-compatible. AccessEngineering also offers flexible access for both in-network and remote users via IP authentication, Shibboleth authentication, referral URL, and SSO.