Partnering for success
The Science of Learning, The Art of Teaching
Our conversation today

- Understanding Your University’s Learning Challenges
- Unlocking the Potential of Every Learner with Learning Science
- Highlighting the Breadth and Depth of our Resources
- Partnering to Achieve Results
Leading with our Learning Science pillars

- Over 130 Years of Proven Content
- Data-Driven Learning
- Adaptive Technology
- Open Ed-Tech Ecosystem
Understanding your university’s challenges: More than meets the eye

- **Student outcomes**
  - Student satisfaction & digital expectations
  - Learning outcomes
  - Job readiness

- **Course delivery**
  - Efficient course build & delivery
  - Effective instructional alignment
  - Student engagement & motivation

- **Strategic leadership**
  - Student affordability & profitability
  - Student retention
  - Market leadership

- **Teaching management**
  - Course delivery cost
  - Quality control & consistency
  - Faculty acquisition & retention

- **Learning**
  - Student

- **Teaching**
  - Faculty

- **Leadership**
  - Transforming

- **Operations**
  - Managing
We harness proven learning theories to power efficient and effective learning technology.

- **Metacognitive Theory**: Learners learn best when they know what they don’t know.
- **The Theory of Deliberate Practice**: Understanding where we are weakest helps us to focus on our practice.
- **The Theory of Fun for Game Design**: Learners are most engaged when challenged, but not too challenged.
- **Effortful Retrieval/Spaced Practice**: To truly learn something, learners need to commit it to long-term memory.
- **Knowledge Spaces**: Elements of knowledge can be gathered to form distinct knowledge states of individuals.

At the core of our ed tech offering are algorithms and capabilities rooted in learning research and implemented in experiences that are intuitive, easy-to-use, engaging, efficient and effective.
Providing you a breadth of resources to support your university

Access Engineering Research & Reference Learning Tools

700+ Titles
850+ Videos

Connect online courses
30+

eBooks
200+

ALEKS Maths Learning & Remediation Tools

Data Visualization, Excel Calculator Tools & Editable Test Banks

Power-Cycle Applets & 2D-3D Animations, Simulation

These are approximate numbers that faculty will potentially be able to choose from. These numbers are not legally binding and are subject to change based on rights & availability at any time.
Connect for the core curricula

Boost grades, stimulate engagement and deliver an amazing course
Digital teaching and learning made personal, easy, and effective

Students are more engaged with course content, can better prioritise their time, and come to class ready to participate.

Customisable reports show class and student progression, enabling educators to focus their teaching time where it’s needed

WITH Connect®

+10.8% Pass Rates
+5.7% Exam Scores
+18.0% Attendance Rates
+16.4% Retention Rates

Data compiled from independent research studies at higher education institutions.
The first and only adaptive reading experience

**Read**

**Practice**

**Recharge**

---

**Read what matters most**

SmartBook highlights key concepts for you, saving you time.

**Practice what you’ve learned**

SmartBook quizzes you along the way, making sure you understand the key concepts.

**Recharge your memory**

SmartBook helps you remember the key concepts long term—not just on test day.
AccessEngineering for upper level courses

Bring the real world into the classroom or lab
<table>
<thead>
<tr>
<th>Multi-Disciplinary Reference Content</th>
<th>Textbooks</th>
<th>Interactive Tables &amp; Graphs</th>
<th>Instructional Videos</th>
</tr>
</thead>
<tbody>
<tr>
<td>700+</td>
<td>70+</td>
<td>4,000+</td>
<td>900+</td>
</tr>
<tr>
<td>Excel Based Templates</td>
<td>Ready To Use Content</td>
<td>DataVis Material Properties Visualisation Tool</td>
<td>Total</td>
</tr>
<tr>
<td>39</td>
<td>Maps and Research Tools</td>
<td>Tool</td>
<td>5,709+</td>
</tr>
</tbody>
</table>

These are approximate numbers that faculty will potentially be able to choose from. These numbers are not legally binding and are subject to change based on rights & availability at any time.
Offering the confidence of core content and handbooks

**Brands** known and used by virtually every **student and engineer** in the world

**Industry standard** references across all disciplines, used and **refined over decades**
Interactive and multimedia tools & resources

- **Excel Calculators**: 38 Excel Calculators with more than 500 equations saving time and giving accurate calculations
- **Curriculum Maps**: Targeted, curated sets of resources on essential topics in core courses
- **Graphs and Tables**: Interactive graphs and downloadable tables
- **Problem Solving Videos**: Problem solving videos
DataVis Interactive visualisation tool for learning about material properties

- Visually see how properties vary across different classes of materials
- Manipulate the visualisation interface
- Manage tradeoffs in the design process
- Visualise and evaluate up to five properties simultaneously
- Create and save visualisation documents
- Export data to excel and visualizations to PDFs
- Access 200 materials and 50 properties

Provides your students with enough data to learn about material properties, and tell stories with data without overwhelming them.
Together

Connect and AccessEngineering provide a complete four-year engineering solution which helps prepare students for the future.
We will partner with you to provide end to end engagement and support that delivers results

“We have seen a real impact of using AccessEngineering to increase the success rate and progression rate of critical modules or modules that students find quite challenging.”

Dr Sabuj Mallik
University of Central Lancashire
Let's get started