Partnering for success

The Science of Learning, The Art of Teaching

McGraw Hill Education

Our conversation today

McGraw Hill Education

- 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
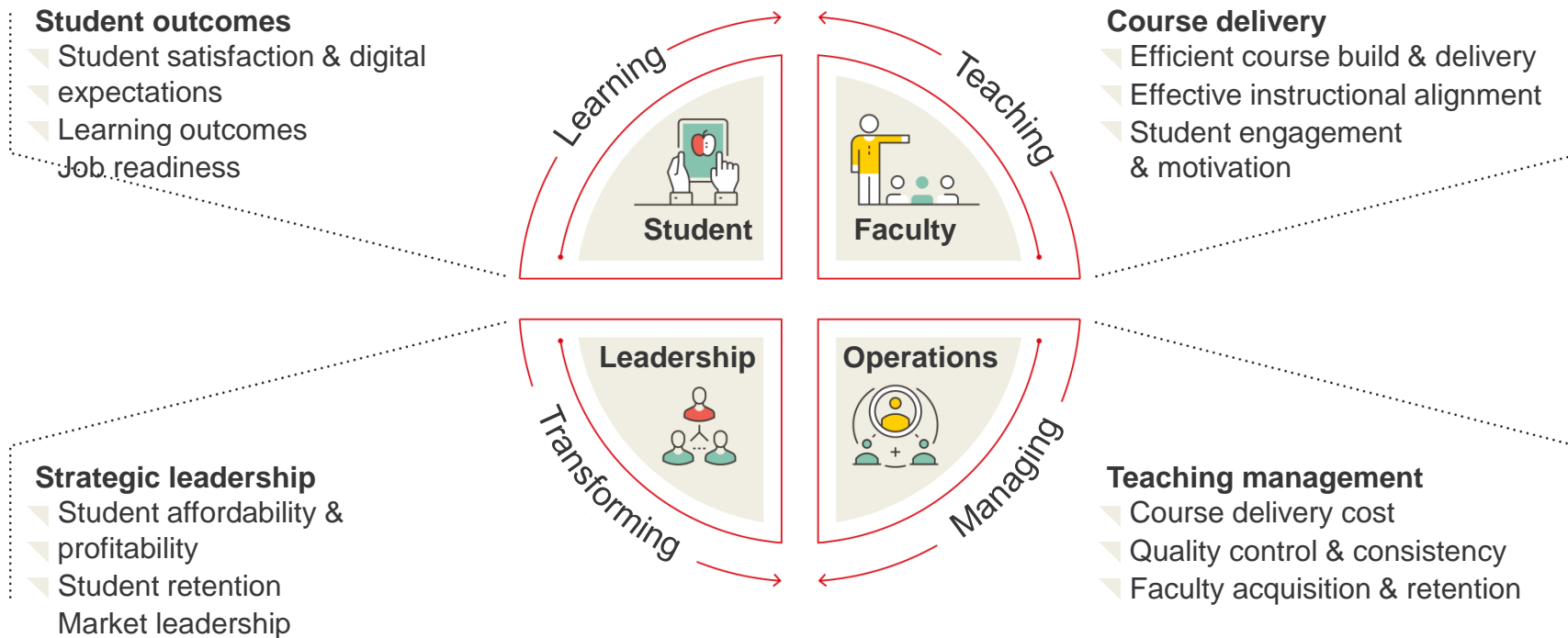
McGraw Hill Education

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

Teaching

Transforming

Managing

Student

Faculty

Leadership

Operations

Making it stick
Making it efficient

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.

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.
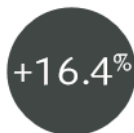
WITH Connect®

+10.8%
Pass Rates
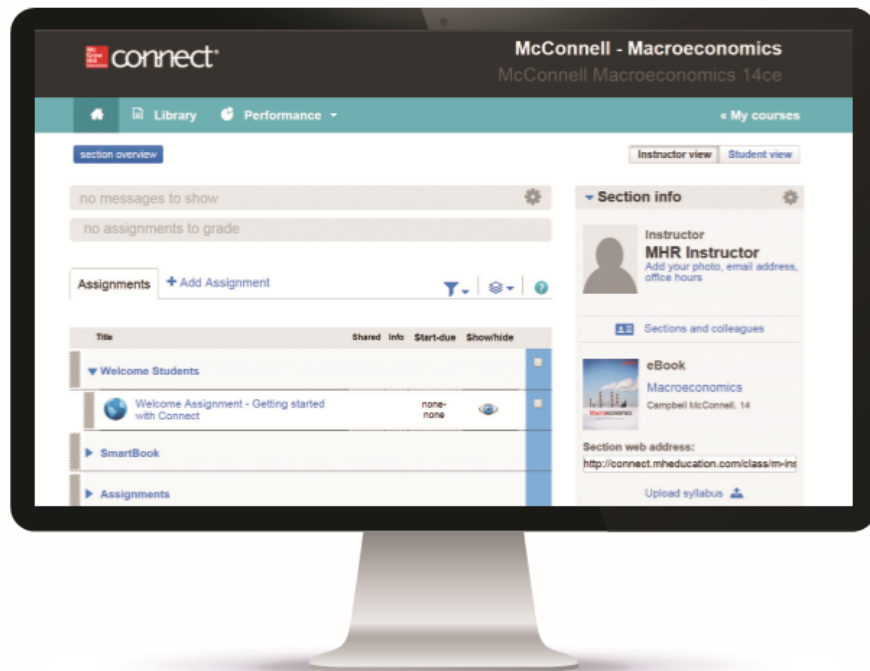
+5.7%
Exam Scores

+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.
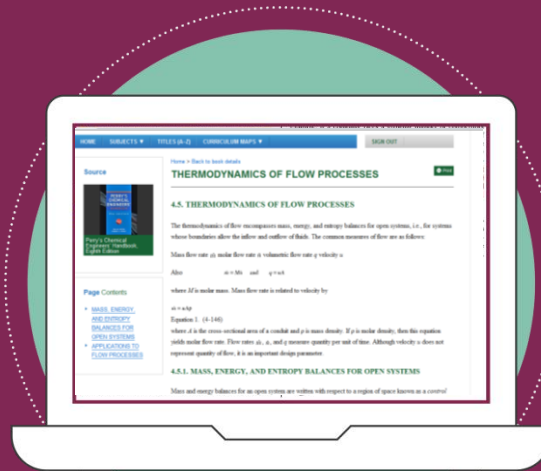
Recharge your memory

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

Authoritative content
Immediate solutions

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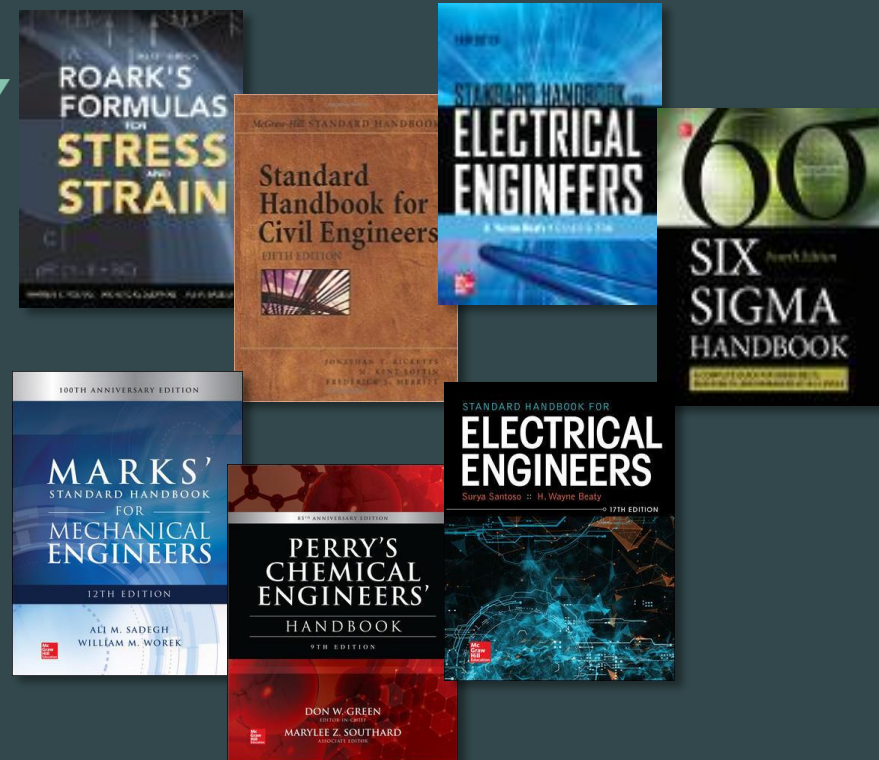| Multi-Disciplinary Reference Content **700+** | Textbooks **70+** | Interactive Tables & Graphs **4,000+** | Instructional Videos **900+** |
| Excel Based Templates **39** | Ready To Use Content Maps and Research Tools | DataVis Material Properties Visualisation Tool | Total **5,709+** |

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Offering the confidence
of core content and handbooks

McGraw Hill Education

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

38 Excel Calculators with more than 500 equations **saving time** and giving **accurate calculations**

Targeted, curated sets of **resources** on essential topics in core courses

Excel Calculators

Curriculum Maps

Graphs and Tables

Problem Solving Videos
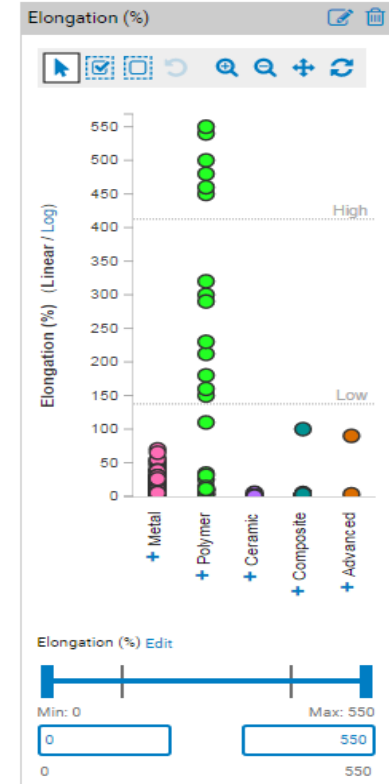
Interactive graphs and downloadable tables

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
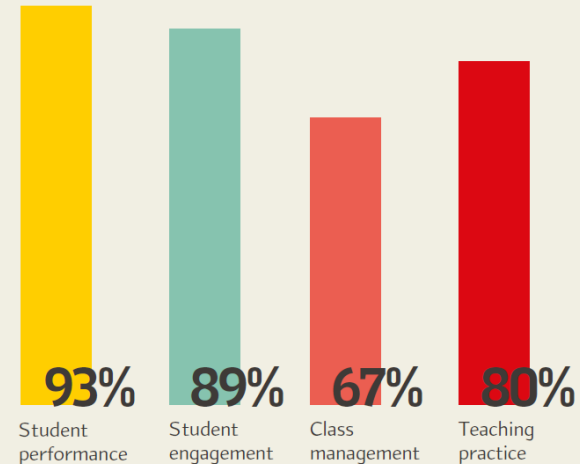
We will partner with you to provide end to end engagement and support that delivers results

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"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

% of customers seeing a positive impact from using Connect online courses

93% Student performance

89% Student engagement

67% Class management

80% Teaching practice

Source: Voice of Customer Survey 2017 Q4

Let's get

started