

Spotlight on: Mastering A&P

How can Mastering A&P help students succeed?

How can Mastering A&P engage students and improve learning?

At [University of Texas at Tyler](#), the A&P instructor adopted Mastering™ to add graded homework designed to develop study skills and provide learning opportunities outside of class. She assigned MA&P chapter homework, Dynamic Study Modules, and Adaptive Follow-Ups. After adopting Mastering, there was an increase in exam averages and course success rates in both A&P I and II (figure 1).

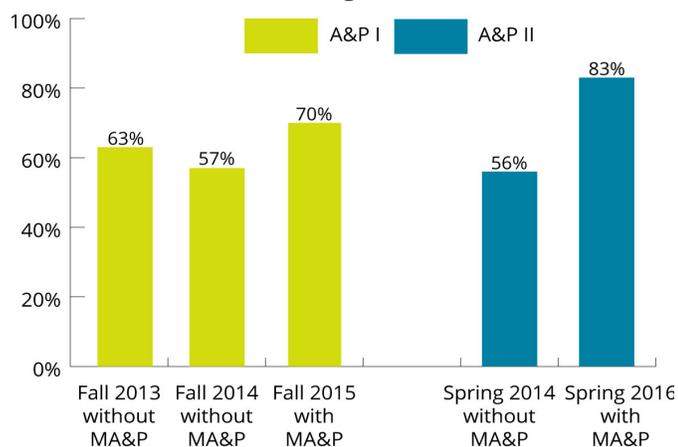


Figure 1. A&P I: Fall 2013 (n=142); Fall 2014 (n=115); Fall 2015 (n=111); A&P II: Spring 2014 (n=166); Spring 2016 (n=118)

How can technology be implemented to enhance learning and success?

Research demonstrates that technology-enhanced instruction can both increase student learning outcomes and lead to greater efficiencies in costs and other resources. In a recent survey, many faculty reported feeling that they could be more effective instructors if they were better skilled at integrating certain kinds of technologies into their courses.¹ To address that need, Pearson provides adopters with [training](#) to guide technology use. To learn more, read [Planning your Technology Implementation](#).

How can distracted students become more engaged in the classroom?

Studies show evidence that utilizing active learning strategies may lead to increased student engagement and success.² To learn about how to use Mastering and Learning Catalytics to facilitate active learning, read [Engaging Distracted Students in the Classroom](#).

¹ library.educause.edu/~media/files/library/2015/6/ers1507-pdf.pdf

² www.pnas.org/cgi/doi/10.1073/pnas.1319030111

How can learning be tracked using Mastering A&P?

At [University of Texas at Arlington](#), the A&P instructor adopted Mastering and implemented quizzing with the goal of helping students track their understanding and improve exam performance. On an end-of-semester survey (90% response rate), students answered survey statements (table 1) and open-ended questions. Responses included:

"I like Mastering because it helped me realize what I needed to study and tested me to see if I really understood what I had learned."

"I like how it helps me practice the material and shows me what I need to study more."

Survey statement	% answering strongly agree or agree
The Mastering quizzes helped me do better on exams.	94%
Doing the Mastering quizzes helped me understand what I know and what I need to study more.	92%

Table 1. Student Survey Results, Spring 2018 (n=121)

The instructor also surveyed students about the optional Mastering resources he did not initially assign. The majority of students reported doing the Dynamic Study Modules, so the instructor added them as a formative assignment in future semesters. Student comments included:

"I found the Dynamic Study Modules to be the most useful resource for studying."

"The Dynamic Study Modules helped me study by giving me explanations on the questions I get wrong."

For more information, visit:

www.pearsonmastering.com/results
www.MasteringAP.com or [contact your rep.](#)