



Knewton Alta

Implementation Guide for Your Course

Put achievement within reach for students through a personalized learning experience that's impactful, accessible, and affordable.



What is Knewton Alta?

Knewton Alta is accessible and affordable adaptive courseware, priced at only \$39.95 per term, that provides students with the support they need at the moment they need it. Knewton Alta's mastery-based learning experience is personalized based on student performance and provides detailed answer explanations, integrated just-in-time instruction, and remediation of pre-requisite skill gaps.



All students start on the same assigned goal topic, working through a personalized path to mastery based on their individualized responses and needs. Rather than relying on a diagnostic, the platform continuously monitors students' mastery and adapts in real-time to maximize their learning outcomes. When students struggle, Knewton Alta recognizes their knowledge gaps immediately and delivers precisely what students need at the moment they need it.

The data science behind the Knewton Alta technology is designed to ensure students can retain, recall, and apply knowledge in the future, while also providing instructors with actionable data and insights into student performance and preparedness.

The end result? Learning that lasts.

What Makes Knewton Alta So Powerful?

Integrated Instruction

Put learning front and center for students with instructional resources that are integrated within the adaptive experience and targeted to the specific needs of each individual student.



There are two types of integrated instruction:



Just-in-Time

Every learning objective is supported by multi-modal instructional content that's embedded directly within the adaptive learning experience and delivered precisely when a student needs it.



Instruct-First

Instructors have the option to require students to view instruction before their adaptive assignments, allowing more flexibility to meet course needs.

This can be particularly useful for:

- Creating introductory assignments for new topics.
- Self-paced learning models.
- Flipped classrooms.
- Pre-lecture preparation.

Dynamic Remediation

Are students missing the foundational knowledge needed for success?

Knewton Alta's adaptive experience diagnoses and fills knowledge gaps by delivering refreshers that build the missing pre-requisite skills needed to master current learning objectives.

Knewton Alta adapts to students' proficiency levels with each interaction. If a student struggles on an assignment, Knewton Alta recognizes their knowledge gap immediately and provides just-in-time remediation — even when it requires reaching back to prerequisite concepts.

← Cartesian Coordinates an...

Cartesian Coordinates and Distances

Estimated - 30 questions

- Plot ordered pairs in a Cartesian coordinate system
- Graph equations by plotting points
- Use the distance formula, given two points
- CURRENT OBJECTIVE**
Use the midpoint formula
- REFRESHER**: Use a formula

Quick Refresher

← Cartesian Coordinates an...

OBJECTIVE: Use the midpoint formula
REFRESHER: Use a formula

Quick Refresher

Looks like this objective is giving you trouble: **Use the midpoint formula**. This Refresher will help you grasp some prerequisite material.

Question

The following formula gives the perimeter P of a rectangle with length L and width W :

$$P = 2(L + W)$$

Find the perimeter of a rectangle with length 9 and width 8.

Provide your answer below:

$P =$

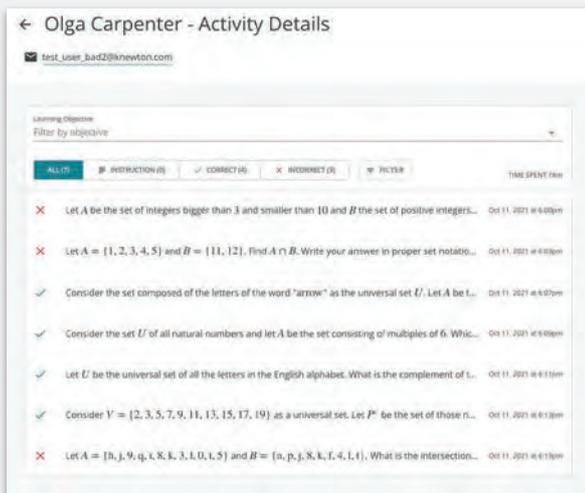
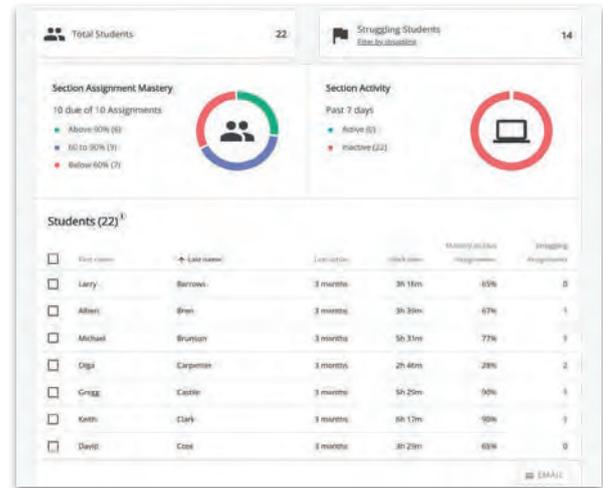
FEEDBACK MORE INSTRUCTION SUBMIT

Content attribution

Instructor Dashboard Analytics

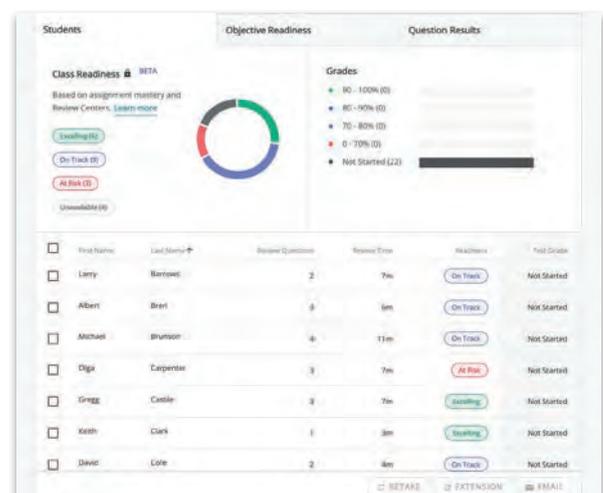
Knewton Alta's instructor dashboards deliver meaningful data that's actionable, easy to review, and easy to navigate, providing insights into where students are and what they need for success.

- Performance Data** - This student performance data provides transparency into how students are progressing toward mastery, allowing instructors to uncover class trends and easily identify at-risk students for early intervention.



- Learning Pattern Insights** - Students' learning patterns are captured so instructors know if they struggled, used supports, or mastered it right away. This offers insights into each student's interactions and allows for meaningful, just-in-time intervention.

- Test Readiness Dashboards** - Test dashboards provide transparency into students' exam preparedness and effort, while offering insight into how the work students complete in Knewton Alta prepares them for, and correlates to, assessment.



Affordability

As a technology company with a passion for learning, we know that producing courseware that improves learning outcomes is as important as making sure students can afford to buy it.

According to a recent study, as many as 91% of students put off buying course materials due to cost, and of those, 50% say this decision hurt their grades.

Now more than ever, students need access to high-quality, affordable course materials to ensure they have the best shot at success. Knewton Alta is lowering costs and raising expectations with simple and transparent pricing, starting at \$39.95 per term.



Knewton Alta

\$39.95
Single Term

*Single Course access

\$79.95
Multi - Term

*AltaPass Provides access to all courses in a single discipline for 2 years

\$9.95
Monthly Subscription

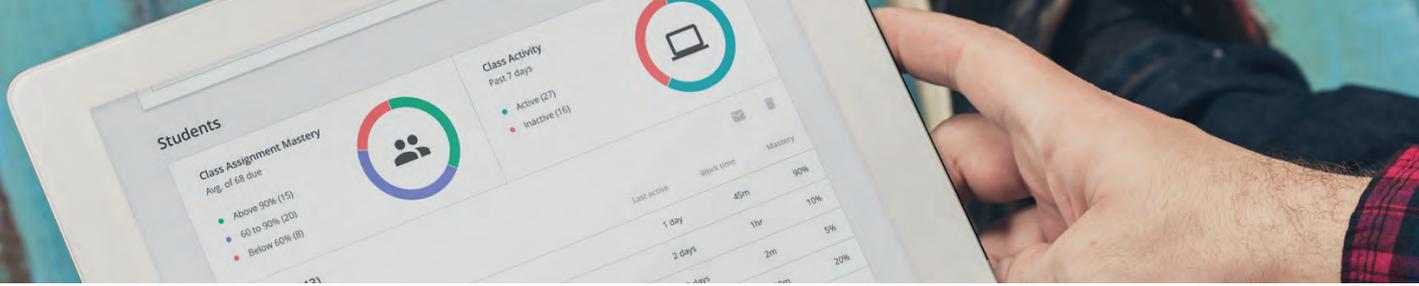
*Single Course Access

Knewton Alta for developmental math courses at NO cost!

For institutions that adopt Knewton Alta for a developmental and gateway math sequence, the Knewton Alta *Foundations of Mathematics* course will be provided for students at no charge for the developmental math program, while credit-bearing courses will be available to students for \$39.95 per term.

Foundations of Mathematics can be used to support prerequisite or corequisite course types. Knewton Alta offers courses for the following gateway math and statistics courses: College Algebra, Precalculus, Algebra and Trigonometry, Trigonometry, Quantitative Reasoning, Survey of Math, and Introductory Statistics. We will partner with institutions that take advantage of this offer to give faculty training and courseware implementation support.

[Learn More](#)



Flexibility To Meet YOUR Course Design

Whether in-person, online, or anything in between, Knewton Alta brings a personalized learning experience to any type of course design. Alta can be flexibly integrated in a variety of settings to meet the precise needs of instructors and students.



**Traditional
Lecture**
Face-to-face

- All students vary in their academic ability, and it's inevitable that every student will struggle at some point. A key challenge for instructors is providing personalized learning and interventions at scale.
- With just-in-time instruction and prerequisite refreshers, Knewton Alta offers each student the right level of assistance in filling their individual knowledge gaps, leading them to success.
- Instructor dashboards deliver data that's actionable, easy to review, and easy to navigate, so you're armed with detailed performance data and class trends going into every lecture.



- Students in online courses tend to enter straight into their assignments without spending much time reading the text, or using additional learning tools.
- Knewton Alta's instruct-first assignment option allows you to be in control of the student experience. Adaptive assignments can begin with instruction first or deliver instruction just-in-time within the assignment if a student struggles, allowing you more flexibility to match assignments to course needs.
- Early instruction, paired with detailed answer explanations, offer students the guidance needed to move through the academic material. If a student still struggles, Knewton Alta delivers prerequisite refreshers exactly when the student needs the help, giving them the appropriate level of assistance in filling knowledge gaps and leading them to success.



Online
Asynchronous



Virtual
*Online
synchronous*

- When instructing online, time with your students is limited, and virtual. It's critical to be focused on what students need, even when they won't speak up.
- In addition to the benefits in an asynchronous online course, Knewton Alta's interactive data analytics deliver real time information on student performance and class trends. This allows you to identify precisely where students are struggling and which learning objectives are giving students the most trouble.
- This level of meaningful data insights allows you to target your limited time with students, and focus on their specific needs.



- A mixed course delivery method needs homework and assessment that fits the setup of the course. Knewton Alta gives you the option of starting assignments with instructional material when appropriate.
- The material being covered in the online portion of the course, where the student doesn't have access to their instructor, can start with instruction first. Any assignments following a face-to-face session can begin with adaptive questions, delivering instruction based on the student's needs.
- When you aren't with your students, it can be hard to help them fill in knowledge gaps as they arise. Knewton Alta identifies those gaps and offer students prerequisite refreshers, helping students at exactly the time they need it.



Hybrid
*Part online,
part face-to-face*



Hyflex

Students in multiple locations at once, some face-to-face

- With the lecture portion of a Hyflex course setting being non-traditional in nature, some students may find it difficult to fully grasp concepts. Instruct-First assignments ensure students obtain knowledge before starting their adaptive assignment questions.
- All students are likely to need step-by-step guidance at some point. Knewton Alta's detailed answer explanations help students understand the questions and the steps needed to work through the concepts.
- All students vary in their academic ability and it's inevitable that every student will struggle at some point. With just-in-time instruction and prerequisite refreshers, Knewton Alta offers each student the appropriate level of assistance in filling knowledge gaps, leading them to success.



- Knewton Alta offers pre-built corequisite course models that are designed to match the learning objectives and meet the increased needs of a corequisite course.
- Students enrolled in a corequisite course need additional academic support. Knewton Alta has integrated just-in-time instruction as well as detailed answer explanations that serve as real time interventions for struggling learners.
- If this academic support isn't enough, students are served prerequisite refreshers to address the larger knowledge gaps. The adaptive nature and personalized learning path of Alta allows students of all academic abilities to succeed.
- For a comingled course, a second Alta course may be used to assign a select few assignments to help with important prerequisite topics for corequisite students.

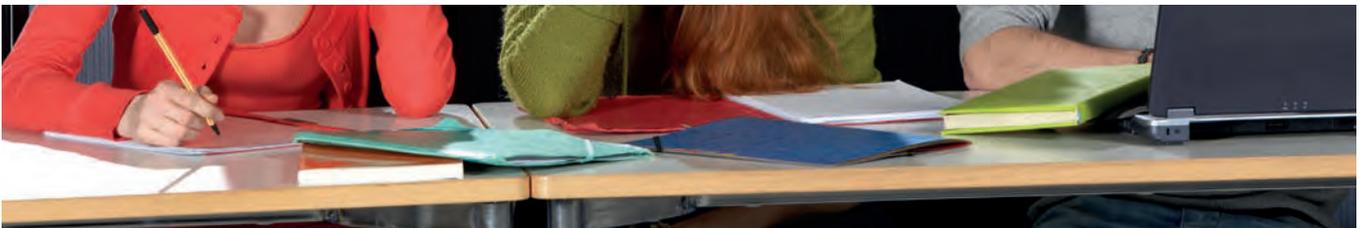


Corequisite
Cohort or comingle



Lab-Based
*Module based
in a computer
lab setting*

- Students in a modular-based emporium classroom need structure to work through learning material and assessments without the guidance of their instructor.
- To align with a modular format, Knewton Alta is built in smaller assignments (1-3 learning objectives) giving students smaller chunks to master before moving on to the next concept.
- With Alta's ability to assign instruction first as part of the assignment, students are guaranteed to start with instruction material before completing assessment questions. Early instruction, paired with detailed answer explanations, offers students the guidance they need to move through the academic material.
- If a student still struggles, Alta delivers prerequisite refreshers exactly when they need the help, giving them the appropriate level of assistance in filling knowledge gaps and leading them to success.



- Knewton Alta is built on selected learning objectives, so several courses can be combined to build the exact course content needed for a preparatory course.
- Knewton Alta's content ranges from Pre-Algebra through Calculus 3. No matter which mathematics course a student is heading into, an Alta course can be built to help them master the skills they need, filling in knowledge gaps before they step foot into the classroom.



**Pre-Semester
Prep Courses**



Getting Started with the Knerd Community

When it comes to using technology in the classroom, a great experience begins with a great start. Wiley partners with you from day one to help you achieve the goals you set for your course with the use of Knewton Alta. From integration within your campus learning management system, to training you, your team, and your students, our team of passionate Knerds is here for you every step of the way.



Dedicated local support team



Live, virtual, and asynchronous training options



Syllabus Consultation and mapping



First Day of Class Presentations



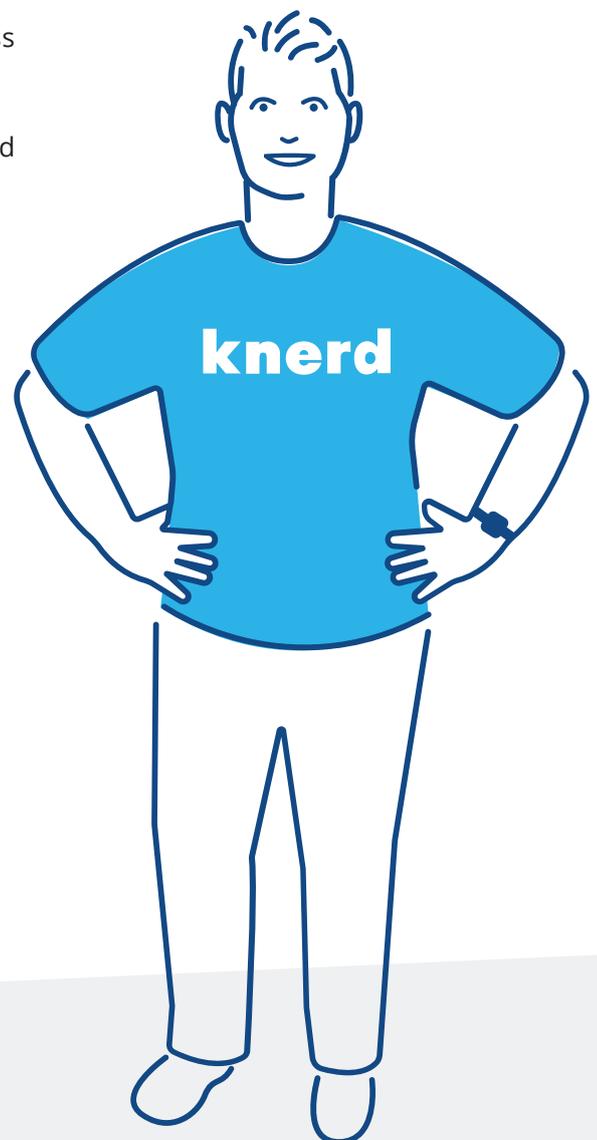
Course setup and Implementation Support



Midterm and End of term insights



Seamless LMS Integration support



Knewton Alta Peer Advisors

Connect with experienced instructors for one-on-one advice on instructional design, course development, Knewton Alta best practices, online or hybrid teaching strategy, and more. With the help of your Knewton Alta Peer Advisor, you'll get discipline-specific ideas to make your course more relevant and intuitive, while establishing a better understanding of tactics and techniques to improve student outcomes.

[Connect with a Peer Advisor](#)

Learn More

Learn more about how Knewton Alta can enhance any course.

[Browse additional materials](#) or [schedule a demo](#) today!