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Quantitative Reasoning

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Alta Quantitative Reasoning is a one- to two-semester course intended for students who require quantitative literacy skills. Many students pursuing a degree that has a general education math requirement will take this course. To develop this course, Knewton used four main sources of content: OpenStax Introductory Statistics, OpenStax Prealgebra, Washington Open Course Library, and videos from an Online Stat book developed by Rice University, University of Houston, and Tufts University, along with a team of Subject Matter Experts. The SMEs come from diverse backgrounds and are all accomplished academics in the field of mathematics, and have experience teaching and designing quantitative reasoning courses. Alta Quantitative Reasoning covers the breadth of quantitative reasoning topics, and also provides the necessary depth to ensure the course is manageable and engaging for instructors and students alike.

Alta Quantitative Reasoning has two instructional sequences for every learning objective, giving students multiple opportunities to learn new concepts. Between our text, video, and original SME content, we were able to solicit ideas from quantitative reasoning instructors from community colleges to Ph.D- granting universities. Alta Quantitative Reasoning provides a level of academic rigor, while also promoting relevance and accessibility for students. Knewton has added current and relevant contexts and examples to instruction and assessments.

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