



Pearson



## Helping Support Student Engagement, Learning and Achievement with Mastering Physics



### Summary

Prince Sultan University is a private university located in Riyadh, Saudi Arabia. It has 4000 students enrolled, taught by 400 faculty members within its 5 colleges. Dr. Elham Dannoun is one of those instructors. In the fall of 2018, she taught Introduction to Physical Science utilizing Pearson's Mastering Physics. She was pleased with the usefulness of several of the features and was overall very satisfied with her experience teaching with Mastering Physics.

### Description of the Course

Dr. Dannoun has taught Introduction to Physical Science (SCI101) for 7 semesters and for 5 of those semesters she has been implementing Mastering Physics. She has been teaching for a total of 11 years. In fall 2018, she taught SCI101 which met for 15 weeks, 3 hours per week, for a total of 45 contact hours. The course used the textbook, *Conceptual Physical Science, 6th Edition* by Hewitt, Suchocki and Hewitt. It was taught in person and comprised of lectures, tutorials and practical/field components.



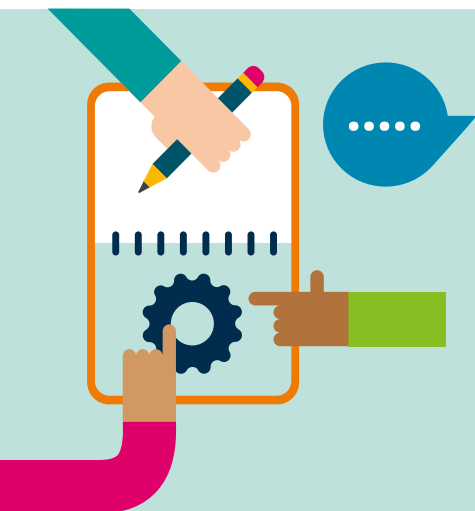


## Product Implementation

The intended outcomes of SCI101 were to (1) provide students with the knowledge of major technological advances that impact change in the industry leading to improved quality of life and (2) foster their ability to discuss science-based issues in order to influence the future of the global community. Learning outcomes were measured by,

- Classroom exercises, discussions, and homework (contributing to 10% of the total grade)
- 2 Exams (contributing to 40% of the total grade)
- 2 Quizzes (contributing to 10% of the total grade)
- Final exam (contributing to 40% of the total grade)

Specifically, Mastering Physics was utilized for 4 homework assignments that were completed outside of class and due after class.

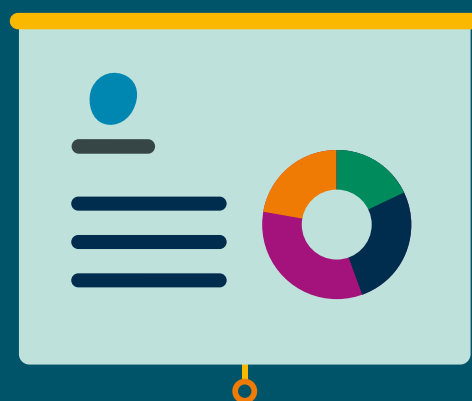


## Instructor Experience and Perception

After implementing Mastering Physics, Dr. Dannoun took an instructor survey regarding her overall experience and perception of using the product. She found the eText and homework features to be extremely useful and also appreciated the relevance of the videos. She was very satisfied with how easy it was to purchase and how intuitive Mastering Physics was to use. She found the customer support from the Pearson team to be excellent. Further, she believed student engagement, learning and achievement were heavily supported by Mastering Physics and she strongly agreed it was an asset in teaching her course.

## Conclusion

Dr. Dannoun indicated she would highly recommend Mastering Physics to other instructors because she felt it allowed her to add value to her Introduction to Physical Science course. Specifically, she appreciated how useful the eText and homework features were, but also how well the program supported student engagement, learning and achievement.



If you are interested in documenting and sharing your inspiring success story with your wider community, please reach out to us at

**[AsktheHETeam.middleeast@pearson.com](mailto:AsktheHETeam.middleeast@pearson.com)**

Know more at **[middleeast.pearson.com](http://middleeast.pearson.com)**

**ALWAYS LEARNING**