



3 Courses

**Precalculus: Relations and Functions**

**Precalculus: Periodic Functions**

**Precalculus: Mathematical Modeling**



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**Sepehr Abbaspour**

has successfully completed the online, non-credit Specialization

# Precalculus through Data and Modelling

This specializations helps to build the foundational material to use mathematics as a tool to model, understand, and interpret the world around us. This is done through studying functions, their properties, and applications to data analysis. Concepts of precalculus provide the set of tools for the learner to begin their scientific career, preparing them for future science and calculus courses. This specialization is designed for all learners, not just those interested in further mathematics courses. Those interested in the natural sciences, computer sciences, psychology, sociology, or similar will genuinely benefit from this introductory course, applying the skills learned to their discipline to analyze and interpret their subject material.

Joseph W. Cutrone, PhD  
Senior Lecturer  
Mathematics  
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University

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

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