Course Description: The goal of this course is to provide K-12 classroom teachers with the foundation in chemistry content and the science and engineering practices they need to create and deliver exciting, informative, inquiry-based, grade level-appropriate and environmentally friendly instruction to their own students. This course will focus on content relevant to the 2016 Massachusetts STE Curriculum Frameworks, with an emphasis on the structure of matter, its behavior when energy is added or taken away, its ability to be broken down and rearranged, the behavior of acids and bases, the structure of biological macromolecules and the ability of mutations to alter their structure and function. In addition to strengthening background knowledge in chemistry, this course will incorporate multiple experiments and demonstrations applicable to the frameworks that adhere to the principles of green chemistry and that utilize as many inexpensive, green, household products as possible. Coursework will also include the creation of new units and lessons to address the 2016 STE standards.

Please Note: The enrollment period for Randolph and Braintree teachers ends May 31. Teachers from other districts may still submit their names for possible enrollment via http://tinyurl.com/CHEM-560-2017. We will still contact you after May 31 to let you know if there are open seats.

For more information and to register please visit:
http://microsites.bridgew.edu/case/prek-12-teachers