ISU-Flinn e-Learning Course Offerings

**CHE 401.01**  
*Adv. Chemistry Demos: Gas Properties, Laws, and Reactions*  
Topical analysis of current best practices in teaching chemistry related to gas properties, laws, and reactions.

**CHE 401.02**  
*Adv. Chemistry Demos: Chemical Reactions, Stoichiometry, and the Mole*  
Topical analysis of current best practices in teaching chemistry related to chemical reactions, stoichiometry, and the mole.

**CHE 401.03**  
*Adv. Chemistry Demos: Kinetics, Equilibrium, and Acids & Bases*  
Topical analysis of current best practices in teaching chemistry related to kinetics, equilibrium, and acids and bases.

**CHE 401.04**  
*Adv. Chemistry Demos: Atomic and Molecular Structure*  
Topical analysis of current best practices in teaching chemistry related to atomic and molecular structure.

**CHE 401.05**  
*Adv. Chemistry Demos: Redox, Electrochemistry, and Solutions*  
Topical analysis of current best practices in teaching redox, electrochemistry, and solutions as they pertain to secondary school classrooms.

**CHE 402.01**  
*Teaching Chemistry in the Laboratory: An Experimental Science*  
Topical analysis of current best practices in teaching chemistry as an experimental science as it can be achieved in secondary school classrooms. A particular emphasis will be to connect content knowledge to modern demonstrations, experiments, and teaching activities.

**CHE 403.01**  
*Teaching Science Safely: Secondary Schools*  
Topical analysis of current best practices in teaching chemistry safely as it relates to secondary schools.

**CHE 403.02**  
*Teaching Science Safely: Secondary Schools II*  
Topical analysis of current best practices in teaching chemistry safely using best practices.