Top Hat Monocle is a web-based classroom response system with the ability to handle synchronous and asynchronous student responses. The system utilizes cellphones, smartphones, tablets and laptop computers for responses, and includes discipline tutorials and APIs. Traditional classroom response systems provide for limited multiple choice responses. Systems such as Top Hat Monocle provide for detailed responses, including short answer and questions for the instructor.

The goal of this project is to utilize the Top Hat Monocle system in one section of BIOL 2107- Principles of Biology I, and compare student success, use and experience with other sections of BIOL 2107 that either uses no classroom response system or traditional clicker systems. Anonymous surveys of student use and experience will be used, as well as anonymized course data.