

1106-R1-1351      **Krista Maxson\*** (kmaxson@shawnee.edu), 940 Second Street, Portsmouth, OH 45662. *Using the Flipped Classroom to offer Dual Enrollment courses.* Preliminary report.

Dual Enrollment provides high school students the opportunity to take college-credit bearing courses taught by college-approved high school teachers. This presentation will outline the process used to create four college-level mathematics courses in the flipped format for use in offering dual enrollment courses at local high schools. Eight faculty in the department of Mathematical Sciences at Shawnee State University worked with 20 high school teachers to create content and resources for college algebra, trigonometry, calculus and statistics. Fifteen of the high school teachers completed nine semester hours of graduate mathematics over the summer and are offering the courses at their high school mentored by faculty in the department. The report will highlight what worked as well as lessons learned. This effort was supported financially by a Straight-A-Fund (Ohio Department of Education) grant. (Received September 12, 2014)