

1106-S1-1085

Samuel Luke Tunstall* (tunstalls1@appstate.edu). *Putting College Algebra Online: Breaking Away from Traditional Assessment* Preliminary report.

College algebra is one of many courses that fulfill Appalachian State's quantitative literacy (QL) requirement. Traditional methods of assessment in the course include book problems and exams. When the course is placed online, however, there is significant potential to depart from this norm. An online platform provides a unique means of engaging students in quantitative discussions and research to draw students' attention through contextualized projects and discussions. Appalachian's online version of college algebra includes weekly forums related to news topics as well as a few data-driven projects that require students to find and/or analyze data. A key in making such assessment successful is to ensure that the assignments remain true to the material and course QL goals while also being meaningful to students. In this talk I will discuss my experience in transforming college algebra assessment for the online environment, as well as give tips for those interested in putting other math courses online. (Received September 10, 2014)