

1077-C1-2198      **Kristin A Camenga\*** ([kristin.camenga@houghton.edu](mailto:kristin.camenga@houghton.edu)). *Communication, Problem Solving and Independence in a Capstone Course.*

We share one model for a capstone course which has as its central goals development of mathematical communication and problem solving skills. Assignments are structured to move students toward independence in these areas, starting with brief presentations of problem statements and class discussions of common readings and gradually increasing independence in reading, writing, speaking and listening. Students complete two major projects: one a group project on a topic related to the course theme and the other an independent project to solve and extend a problem. Both projects have written and oral components and address different audiences, one popular and one mathematical. We will share assignments and rubrics used, as well as examples of student work. (Received September 21, 2011)