A capstone project is required for every graduating student from California State University, Monterey Bay. Due to dramatic growth in the number of senior math majors as well as the extreme work load required of faculty advisers, our department developed a new model for the capstone which not only addressed workload issues but also had the highest student success rate we had ever seen. In this presentation we will describe the changes we made and how they have informed our ideas on assessment, high-impact practices, and student success. (Received September 09, 2011)