**Rocket Building in the Engineering Systems Design Course!**

This Spring students enrolled in the SE3202 Engineering Systems Design course will have an opportunity to apply their knowledge and engineering skills to design, build and test their individual solid-motor one-stage rocket. The course is thought to allow students to have a practical experience of applying and following the systems engineering routine while addressing a specific engineering problem that includes hardware, software, human systems considerations, test and evaluation, as well as design and management of the implementation process. In the follow-up course, SE3203 Engineering Systems Implementation & Operation, students will work in teams to build upon their SE3202 experience while handling a more sophisticated engineering project (building another, larger rocket) implementing lessons they learned in SE3202. There is no particular engineering skill set required to build a rocket and therefore both SE3202 and SE3203 are open this Spring and Summer to anyone in any discipline who is interested in rockets.

Contact Prof. Oleg Yakimenko with questions.

**Events**

21 May, *Rocket Launches at Mojave Desert (*<http://friendsofamateurrocketry.org/Home.html>).

SE students will be launching the solid-motor rocket they assembled and tested within SE3202 class at the Friends of Amateur Rocketry launch site North of California City, CA. It will be a demonstration of a quarter-long engineering project, which included conceptual design and building phases, followed by the actual testing and post-test debrief.