The Caltech Space Challenge consists of an intensive one-week mission design competition where students will be challenged to develop a mission to send astronauts to a Martian moon. Students will be supported with guest lectures and workshops from top scientists and engineers from NASA-JPL, Caltech, and other premier institutions.

Public Lecture Series
(All lectures are in Guggenheim 101)

3/25/2013 - 8:00 AM – Richard Zurek
“Mars Science: Past, Present & Future”

3/26/2013 – 8:00 AM – Damon Landau and Nathan Strange
“Trajectory Design Techniques for Human Missions to Mars”

3/26/2013 – 11:00 AM – Ron Turner
“Radiation Risk Management”

3/26/2013 – 1:00 PM – Daniel Mazanek
“Considerations for Designing a Human Mission to the Martian Moons”

3/26/2013 – 3:00 PM – Julie Castillo-Rogez
“Phobos and Deimos: State of Knowledge and Drivers for Future Exploration by Robotic and Human Missions”

3/26/2013 – 4:30 PM – Josh Hopkins
“Comparison of Phobos and Deimos for Human Missions”

3/27/2013 – 8:30 AM – Paul Abell
“Robotic Precursor Missions: Enabling Exploration and Science”

3/29/2013 – 2:00–4:00 PM– Voyager and Explorer Final Presentations