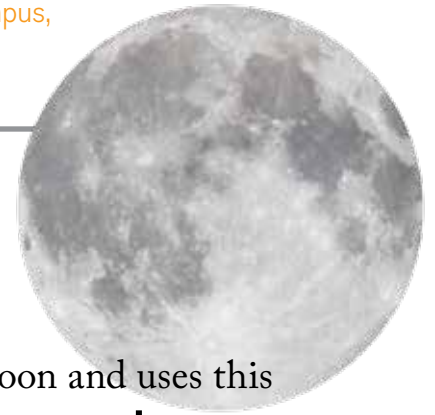


DREAM COURSE Looking forward to the return of students to campus, we asked alumni to create their Caltech dream course, complete with a title and short course description. Here are some of the classes they dreamed up.



DITCH DAY 1a Stack-building,

a *systems engineering* approach.
Project management, design,
risk management, and testing.
Offered fall term only.

OUR MOON

This course studies our moon and uses this study to introduce elements of **science, history, observation, and the arts.**

DESIGNING BOARD GAMES FOR FUN AND PROFIT

Elements of board game design, including common pitfalls to avoid (**runaway leader problem, first turn advantage, “broken” strategies**) as well as proper weighting of various elements to keep game balance.



WTF PHYSICS!

A refresher for rusty alumni who have *not done anything relativistic, quantum-mechanical, or particle-physical since graduation*, who are reading the latest news about Higgs bosons, inflation, and dark energy, and who are asking themselves . . .

WTF?!?!?!?

DREAM PHYSICS: Neural net probe technology induces into the participant’s brain the **full panorama of presently known physics knowledge** via artificially induced dreaming.

RATIONAL GOVERNANCE

Defines the scientific basis for government and explores the question of whether and how **governments can evolve** into greater rationality.



INFINITY

The meaning and implications for our world of the concept of infinity **in both directions.**