

reverseengineer

spring hssp twentyeleven

Course Syllabus

Do you wonder what exactly makes a watch tick? How a camera manages to advance film, focus, zoom, and capture an image? How a hard drive spins and stores large amounts of information in a small amount of space?

So do we!

Join us in the process of Reverse Engineering -- Learning about how stuff works by taking it apart and looking at the pieces. Every class we will take apart at least one new product, culminating in a student-chosen final product.

Week¹ Introduction, Class Description, Nerf Gun / Water Gun

Week² Hard Drive / Speaker / **MAKE** A hard drive speaker

Week³ Sewing Machine

Week⁴ Lawn Mower

Week⁵ Mechanical Camera / Lens

Week⁶ Toaster / Wind-up Toy

Week⁷ Lock[s]

Week⁸ BYOS