Class format: Weekly lectures (1hr), weekly reading for homework, station time
Costs: $14/student for license test
Book: "Arrl Ham Radio License Manual: All You Need to Become an Amateur Radio Operator" (~$25) ("Now You're Talking" or "NYT"

Idea behind class layout- get license ASAP, then have time to do things with it
Homework most weeks- reading applicable parts of "NYT"
To pass the class, students must attend most lectures and pass the license test (pretty easy)

Lectures:
1. Intro to radio
   1.1. What is ham radio?
   1.2. What can you do with ham radio?
   1.3. Where is ham radio used?
   1.4. Station tour
2. Radio basics, regulations
   2.1. Operating modes
   2.2. Block diagrams
   2.3. Regulations
3. Propagation and antennas
   3.1. Propagation discussion
   3.2. Antennas
   3.3. Feedline systems
   3.4. Antenna safety and RF exposure
4. License test
5. Emergency Communications (Guest speaker?)
6. Modern Ham Radio
   6.1. Demonstrate different equipment
   6.2. Station tour
   6.3. Vehicle installations
   6.4. IST 100, 700
7. Station setup
   7.1. Tour station
   7.2. Set up antennas (Dipole, vertical, buddipole, build a yagi or loop)
8. Discuss Operating Activities
   8.1. Satellites (Demo)
   8.2. Special event stations
   8.3. Weather spotting
   8.4. Field days
   8.5. Nets
9. Operating Demo
   9.1. Set up stations on opposite sides of campus
   9.2. Use Packet, PSK, Voice, etc
10. Foxhunt
    10.1. Use antennas built at on lecture 7