# BIOL 112 – OUTLINE #7 – ANGIOSPERM REPRODUCTION

1. Alternation of generations – the plant life cycle
2. Structure of the flower
   1. flower parts
   2. relationship of parts to life cycle
3. Development of the male gametophyte
4. Pollination
   * + 1. wind pollination
       2. animal vectors for pollination
       3. floral adaptations to attract pollinators
       4. co-evolution (especially with insects)
       5. strategies to promote outcrossing
5. Development of the female gametophyte
6. Fertilization
   * + 1. pollen tube
       2. double fertilization
       3. endosperm
7. Development of embryo and seed
8. Seed germination
9. Fruit
10. Asexual reproduction
11. Biotechnology???