

**CALIFORNIA STATE POLYTECHNIC UNIVERSITY, POMONA**  
**College of Engineering**

**ETT 101 Intro to ET**  
**Spring 2013**

*Homework 6*

1. Go to Professor John Leinhard's *The Engines of Our Ingenuity* web page: <http://www.uh.edu/engines>. Pick one of the more than 2,150 episodes you will find there. Read it.
2. Write what you learned from studying this episode (so that a reader of your writing would have a good idea about the innovation you describe).
3. Choose one or more creative techniques (out of the given five below) that are most suited for creating this innovation and justify your choice:
  - Evolution (incremented improvements over time);
  - Synthesis (combining two or more existing ideas to produce a new one);
  - Reapplication (using an old idea for a new purpose);
  - Revolution (entirely new approach/idea);
  - Changing direction (solving a problem using a new approach; or resolving a problem by taking a different direction).

Due: Wednesday, 5/8/2013, by 9:00am

Delivery: Name your document as hw6LastFirst.doc and e-mail to eyharris@csupomona.edu

Please note that late assignments will not receive any credit.