

# **Crank Set Assembly Drawings Assignment**

## **ETEC 113: Introduction to Computer Aided Design (CAD)**

Instructor: Jerimiah Welch

### **Summary**

1. The goal is to create the CrankSetAssy1.CATProduct and use it to recreate [CrankSetAssy1.pdf](#) exactly.
2. This is the capstone of the Individual Project: a chance for you to show mastery in creating a product, a product drawing, and relevant part drawings. These are the entry level skills for joining an engineering team.
3. Since this is the final project and we are doing peer reviews, we will not be accepting late work.
4. This is due at the beginning of class. It is better to turn in an incomplete product than to get a zero for late work.

### **Part 1 - Submitting the Assignment - 60 points**

1. After you create the assembly and drawings, print all the sheets in your CrankSetAssy1 Drawing to a multi-page pdf.
2. Remember, the goal is to reproduce the CrankSetAssy1.pdf exactly. See the Rubric for grading details.
3. Upload your final CrankSetAssy1.pdf here. Here is a [video explaining how to upload an assignment](#).

### **Part 2 - Peer Review**

- We will do the peer review during class.
  - You will not receive points for this assignment until you have done your peer reviews.
  - If your peers have not submitted the assignment, talk to me.
1. Here is a [video explaining how to do a peer review](#). Save some time by starting at 0:27 seconds.
  2. Review two other student's assignments by clicking on their assignment links below your own assignment submission.
  3. Use the rubric provided to grade your peer's drawing pdf.
  4. Please use the .pdf markup tools to circle/highlight missing or incorrect items. In industry this process is called "red-lining" and it is commonly used by engineers to check each other's work.
  5. Here is the [example CrankSetAssy1.pdf](#) to compare your peer's drawing to.