**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**AVIA 108**

**Homework #1**

1. **In what country was the first balloon ascension? What was the date of the first balloon ascension?**

2. **In what ways did the Montgolfier brothers and J.A.C. Charles finance their balloon experiments?**

3. **What were the military applications or uses of balloons?**

4. **How are balloons, dirigibles, and airships similar? And how are they different?**

5. **What makes a balloon a dirigible?**

6. **Who was the Brazilian aviation pioneer who built and flew dirigibles and an airplane?**

7. **In what year was the first successful balloon crossing of the Atlantic Ocean, and what was the name of the balloon?**

8. **What was a Zeppelin?**