Study Guide – Cancer

**Vocabulary**
- Anchorage
- Benign
- Carcinogen
- Carcinogenesis
- Carcinoma
- Checkpoint
- Chemotherapy
- Mitosis (Mitotic Phase)
- G₀ phase
- Growth factor
- Interphase
- Leukemia
- Lymphoma
- Malignant
- Metastasis
- Sarcoma

**Important Concepts**

What fraction of Americans will get cancer? How many will die from it?

Understand the cell cycle.

Understand the cell cycle control system.

Know the 3 external factors that can regulate cell division.

Understand the relationship between cancer and the cell cycle.

Be able to list and describe the 4 major categories of cancer.

What types of things can act as carcinogens?

Know the various treatment options for cancer