COURSE TITLE: Technology in the Sciences

COURSE NUMBER: SCI 321

I. COURSE OBJECTIVES:

Upon successful completion of this course, the student will be able to:

1. Gain a broader understanding and appreciation of intellectual/cultural activity (music, science, literature, etc.)

2. Learn to apply course material (to improve thinking, problem solving, and decisions)

3. Learn to analyze and critically evaluate ideas, arguments, and points of view

4. Identify the major scientific and technological advances and the individuals responsible for them.

5. Create a timeline which places these advances in the proper historical perspective.

6. Examine the impact of science and technology on individuals, society, and the environment.

7. Debate moral and ethical issues concerning scientific and technological advances.