NATURAL SCIENCE DIVISION: BIOLOGY

I. TITLE

BIO 500 Special Topics: Science Literacy, 3 semester hours

II. CATALOG DESCRIPTION

A survey of seminal discoveries in a variety of scientific fields including biology,

chemistry, physics, geology, and astronomy.

III. TEXTBOOK

There is no textbook for this course; however, the instructor will supply most

of the items needed to complete the course.

IV. PURPOSE

The Master of Education with a Cohort in Biology requires twelve hours of

graduate biology courses. This course can be counted toward completion of

this requirement.

V. REQUIREMENTS

The student will write a short explanation of selected scientific discoveries in a

variety of disciplines. A list is attached to this syllabus. Additionally, the

student will watch a number of videos/DVDs including A Science Odyssey

(Mysteries of the Universe and Matters of Life and Death), How the Universe

Works, Secret of Life, Pandora’s Box, Curing Cancer, Siberian Apocalypse, How

the Earth was Made, The Universe, Origins, and the Monkey Trial. A short

summary of each video/DVD will be turned in for a grade. Also, the student

will produce a short paper, 4-6 pages, on the life of Galileo.

VI. EVALUATION

Explanation of seminal scientific discoveries -------- 100 points

Video/DVD summaries ------------------------------------100 points

Take-home test over scientific discoveries -----------100 points

Galileo paper -------------------------------------------------100 points

400 points total

Grading: 10 point scale: 90% = A, 80% = B, 70% = C, and 60% = D

VII. ATTENDANCE POLICY

The University Graduate Attendance Policy will be followed in this course.

VIII. DISABILITY STATEMENT

The University is committed to reasonable accommodations for students

who have documented learning and physical disabilities as well as medical

or emotional conditions. If you have a documented disability of this

nature, you may be eligible for disability services. Documentation must be

from a licensed professional and current in terms of assessment. Please

contact the coordinator of disability services at 270-789-5192 to inquire

about their services.

IX. EMERGENCY NUMBERS – CAMPUS SECURITY

**270-789-5555**

**270-403-3611 (cell)**

X. SEXUAL HARASSMENT STATEMENT

Campbellsville University and its faculty are committed to assuring a safe

and productive educational environment for all students. In order to meet

this commitment and to comply with Title IX of the Education Amendments of

1972 and guidance from the Office for Civil Rights, the University requires

all responsible employees, which includes faculty members, to report

incidents of sexual misconduct shared by students to the University’s Title

IX Coordinator, Terry VanMeter.

Contact Information: Office AD 8A, UPO 944, Phone 270-789-5016,

email: twvanmeter@campbellsville.edu