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