The Flip (Blended) Classroom for Science & Religion: Some Preliminary Observations

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The History
What I Wish I Would Have Known Coming to University as a Christian
The Principles
The Principles

- Computer Generation
- Different Learning Styles
- Different Learning Speeds
- Improved Lecture Quality
CHRTC 350: Science & Religion

Class Homepage

www.ualberta.ca/~dlamoure/350homepage.html
Chronology of Darwin’s Life

1837-1838

1st Period of Religious Reflection

Late 1830s
INTRODUCTION

I. WARFARE MODEL OF SCIENCE VS. RELIGION BEGINS:
   In the late 19th century as a model of history
   Example:
      Thomas Henry Huxley
      AKA “Darwin’s Bulldog” in a review of . . .

PRODUCES:

   Science vs. Religion Dichotomy
   Dichotomy Greek: dicha ‘in two’ temnō ‘to cut’
   DEF: division of an issue into only TWO simple positions
   . . .
Time Management

23 hours of Audio-Slide Lectures

16 hours in the Classroom
The Problem
1. Who wrote *On the Revolutions of the Heavenly Spheres* (1543)?

2. Galileo believed in science and rejected it from God.

3. The famed chapter in the Bible that describes the sun stopping in the sky is:
The Class Structure
The Class Structure

- 3 minute 3 question Quizzette
- 25 minute Lecture Summary
- 20 minute Class Discussions
- Whatever Time
- Supplemental Lectures
1. DIVINE ACTION

NO NAMES PLEASE

Yes  No  Uncertain

A. PERSONAL

___ Interventionism  (Dramatic)
   eg, God raising a dead person to life

___ Providentialism  (Subtle)
   eg, God working through “nudges” & “co-incidences”

B. COSMOLOGICAL

___ Interventionism in Origins (Past)
   eg, God creating in 6 literal days

___ Interventionism in Operations (Present)
   eg, God causing retrograde planetary motion

___ Providentialism in Origins (Past)
   eg, God creating thru evolution
   ordained & sustained natural processes

___ Providentialism in Operations (Present)
   eg, God upholding the solar system
   ordained & sustained natural processes

COMMENTS ON THE BACK

For those who have experienced Divine action:
What is your most dramatic experience?

☐ I DO NOT want my comments used publicly
The Experiment
The Experiment

- 0.3 GPA higher than lecture class
- Higher level of discourse in class discussions
- Highest instructor evaluations
- Best teaching experience ever for the instructor
The Future
The Future

- Improved Parents & Pastors Night
- Improved Online Course Experience
- Weekend Flip Classes
- Flip Classes for Evangelicals at Other Colleges/Universities

Cross-Cultural Experience
What I Wish I Would Have Known Coming to University as a Christian