Science and Civilization
Phys 199 Sp St College Connection, Fall 2005,
16 Pacific, Tuesday 11:00-11:50
Instructors and TA
Robert Zimmerman, Rm 448 Wil., Phone 346 5211, bob@zim.uoregon.edu
John Nicols nic@darkwing.uoregon.edu
Matthew (Mat) Stewart mstewart4@gladstone.uoregon.edu

Course Description:
This College Connections course is designed to help you make a successful
transition into the University of Oregon. This class will cover topics on practical advice
and academics. The practical portion will address issues such as: i. Academic programs
and requirements; ii. Study skills and test taking; and iii suggestion for making a two or
four year plan for your undergraduate education. The academic portion will address
topics related to but not covered in your History and Astronomy courses.
Grading: The grade will be determined from class participation and attendance.

Current Outline
1. 9/27 Class Goals, Ice Breaker, Campus and Services(Mat), Remarks JN, Remarks
   RLZ
   Thursday Pizza on Thursday at Track Town Pizza (5:30 PM) (RLZ)
2. 10/4 The measurement of Time and the Sundial Project:
   Sundial Project and the History of Time (JN), Relativity (RLZ)
3. 10/11 What is in the Library (MS): Meet on the second floor of the Knight Library
   Group Study 10/12
4. 10/18 Early Greeks (Nicols and Zimmerman): Class Debate on defending the Earth-
   Centered model of the Heavens and the Greek Laws of Motion. JN on the transition from
   Myths to Science, RLZ on early Greek Scientific achievement,
5. 10/25 Study and Test Skills (MS): Tips on time management, studying, and taking
   notes tests
6. 11/1 Renaissance (Nicols and Zimmerman): Class on the trial of Galileo JN on the
   preservation and reintroduction of Greek accomplishment to the 1400’s, RLZ on the
   implications, and
   Group Study
7. 11/8 Two-year plan: Curriculum Overview and visit by other Profs.
8. 11/15 Schedule for Winter Term
   (JN) Ice Cream or Pizza
9. 11/22 Advancements in the 19th and 20th Century (Nicols and Zimmerman (QM)):
   Group Study
10 11/29 (DEAD Week) Reflection on the Past and Future