

WCFS ACADEMIC CLINICS:
Course Syllabus: Physical Science
Course Instructor: Gary L. Cox

Credit: 1 credit (Satisfies Science requisite or an Elective Credit)

Prerequisite: None

Instructor: Gary L. Cox

Location: At Sabillasville Office, & by DVD

Textbook: *Exploring Creation with Physical Science*; Dr. Jay L. Wile

Course Description

Physical Science is designed to teach God's design the creation of the physical world to the high school student. **Physical Science** will cover all 16 Modules of the textbook over a 7 lecture series of 2 modules per lecture except for 3 modules for the last two lectures. Study methods will include classroom lectures, reading of text, On Your Own review questions, module lab experiments or other projects to complete 120 QSU®'s of study in the classroom and outside projects combined.

The WCFS **Physical Science** class will develop a Biblical foundation to science that will interpret scientific evidence of the everyday, ordinary world by the Scriptures. Study elements will include lectures, reading assignments, labs, outlines, essays, and written exams.

Course Requirements

1 credit will be earned by completing this course.

The course is open to all high school students. Credit will be granted to students who complete all 7 lectures, and complete all assignments. The student's completed portfolio must be displayed at the Family Heritage Expo™ in April. DVD Make-up classes will be provided to student's with an approved absence.

Grade Determination

See sample grade sheet for exact composition. Generally, grades will be based upon the following criteria: 15% of the grade will come from lecture attendance and note-taking; 50% of the grade will come from the timeliness and quality of homework submittals; 15% of grade will come from the labs or projects; and 20% of the grade will come from the module tests. Use of a QSU® Log is required for homework assignments, and must be presented weekly at class, signed by parents and student. All work is required to be kept in a portfolio with each section containing similar material. (i.e. Test section, notes section etc.)

Sixteen Module Class Lecture Deadlines:

Lecture 1: Modules 1-2; WCFS Workshop

Lecture 2: Modules 3-4; WCFS Workshop

Lecture 3: Modules 5-6; WCFS Offices

Lecture 4: Modules 7-8; WCFS Offices

Lecture 5: Modules 9-10; WCFS Workshop

Lecture 6: Modules 11-13; WCFS Workshop

Lecture 7: Modules 14-16; WCFS Workshop

Lecture 8: Expo Event: all portfolios at exhibit hall 3 p.m.

Homework Will Consist of:

Class Notes must be completed and kept in the portfolio for each lecture. These notes will be graded as described above. QSU® log books must show time spent on lecture.

Reading assignments must be logged onto the WCFS QSU® log. 2.5 QSU®s shall equal 1 module read and logged. As a rule, you will need to read 2 modules per class except for class numbers 6 and 7 which have 3 modules due.

Written assignments shall conform to all guidelines to receive the QSU®s described in the syllabus. *On Your Own* review questions must be completed for each module. All labs must conform to the textbooks guidelines.

A Written Exam will be given and shall be taken at home under a proctor as described in the syllabus. Each exam shall cover 2 modules except the final two exams shall cover 3 modules each.

Seven Lecture Homework Deadlines for Completion:

Lecture 1: Modules 1-2; WCFS Workshop

Homework Due: Complete lecture, record in QSU® log and write out notes from each lecture. Read and log Modules. Answer *On Your Own*, for these modules and complete one lab or one project for each module completed. Create a portfolio notebook to contain your notes, discussion questions, labs, projects and tests. Please read, “How to use this Book” section and follow it’s directions carefully.

Lecture 2: Modules 3-4; WCFS Workshop

Homework Due: Complete lecture, record in QSU® log and write out notes from each lecture. Read and log Modules. Answer *On Your Own*, for these modules and complete one lab or one project for each module completed. Add all work to your portfolio.

Lecture 3: Modules 5-6; WCFS Offices

Homework Due: Complete lecture, record in QSU® log and write out notes from each lecture. Read and log Modules. Answer *On Your Own*, for these modules and complete one lab or one project for each module completed. Add all work to your portfolio.

Lecture 4: Modules 7-8; WCFS Offices

Homework Due: Complete lecture, record in QSU® log and write out notes from each lecture. Read and log Modules. Answer *On Your Own*, for these modules and complete one lab or one project for each module completed. Add all work to your portfolio.

Lecture 5: Modules 9-10; WCFS Workshop

Homework Due: Complete lecture, record in QSU® log and write out notes from each lecture. Read and log Modules. Answer *On Your Own*, for these modules and complete one lab or one project for each module completed. Add all work to your portfolio.

Lecture 6: Modules 11-13; WCFS Workshop

Homework Due: Complete lecture, record in QSU® log and write out notes from each lecture. Read and log Modules. Answer *On Your Own*, for these modules and complete one lab or one project for each module completed. Add all work to your portfolio.

Lecture 7: Modules 14-16; WCFS Workshop

Homework Due: Complete lecture, record in QSU® log and write out notes from each lecture. Read and log Modules. Answer *On Your Own*, for these modules and complete one lab or one project for each module completed. Add all work to your portfolio.

Lecture 8: Expo Event: all portfolios at exhibit hall 3 pm

Your completed portfolio is due at the Expo. It should have one section for each type of work you have completed.