

Welcome!



Welcome and thank you for enrolling in this course! It is science so I do not know how much you will enjoy it but my expectation is that you will find it relatively enjoyable. Science tends to scare people but my hope is that by making the weekly quizzes untimed and with relatively flexible due dates and with only one proctored exam, that you will find this class relaxed enough to learn a few things about physics and chemistry.

For some, this may be your first online course. If you are not a computer whiz, don't worry. You don't need to be. From a computer standpoint, everything is simple to use and easy to navigate.

Please take a few minutes to read the syllabus in its entirety. Exploring all the topics in this syllabus and related links will help you succeed in this course.

I am looking forward to working with you and having a great semester!

Professor Milczanowski

PSC 1341 Physical Science

Professor Information

Professor: Stephen Milczanowski
Office Hours: T:8-10:20;W12-2; R::8-10:20, 1-4 or by appointment
Office Location: C135, South campus
Office Phone: 646-2074
Email: Milczanowski@fscj.edu

Campus Information

This online course is offered by the Florida State College at Jacksonville Open Campus. For questions or concerns, please feel free to call (904)-632-3116. For technical assistance, please contact the Online Support Center (904-632-3151).

Course Description

Students will benefit by taking high school algebra or elementary Algebra prior to enrolling in this course. This course acquaints individuals with the development of the physical sciences, with the integrating principles and theories in the physical sciences, with the practice of the scientific method and with a useful knowledge of selected areas in mechanics, electricity and magnetism, periodicity and atomic structure, and nuclear phenomena. Presentation involves on-line lectures and some on-line demonstrations-simulations. While the course will include many aspects of physics and chemistry, the course is not essentially an introductory or preparatory course for any specific physical sciences. Three contact hours.

Course Information

Course Number/Title: PSC1341
Reference Number: 391878
Number of Credit Hours: 3
Term/Year/Session/Length: Fall 2013 (20141)
Course prerequisites: Students will benefit by taking high school algebra or elementary Algebra prior to enrolling in this course.

Learning Outcomes

Upon completion of the course, the student will be able to:

- Explain and apply major concepts in the physical sciences including mechanics, electricity and magnetism, periodicity and atomic structure and nuclear phenomena.
- Demonstrate knowledge of scientific method.
- Communicate scientific ideas through oral or written assignments.
- Interpret scientific models such as formulas, graphs, tables and schematics, draw inferences from them and recognize their limitations.
- Demonstrate problem-solving methods in situations that are encountered outside of the classroom.

Important Dates

| | |
|-----------------------------------|-----------------------------|
| Class Begins | August 26 |
| 100% Refund Deadline | September 3 (Drop deadline) |
| Non-Attendance Drop | September 4 – September 11 |
| Withdraw with “W” Deadline | October 31 |
| Course Evaluation Window | October 31 – December 8 |
| Class Ends | December 13 |

These dates are critical for this course. Please look at the class schedule for more information. Additional critical dates for this course can be found by clicking the appropriate term links in the [**online calendar**](#) at the Florida State College at Jacksonville Website.

Instructional Materials and Equipment

You do not have to purchase a textbook. Yea!
You will need a scientific calculator like a TI-30XIIS or a TI 80 series calculator.

Online Delivery System

This course will be delivered using the Blackboard Learn™ course management system.

Technology Requirements

Reliable and consistent computer and Internet access is encouraged to successfully participate in and complete online courses. Ensure that your computer meets the minimum system requirements noted below and on the Florida State College at Jacksonville Distance Learning/Online Courses site. Please use the following checklist to determine your computer readiness.

You should own or have access to:

- An email account
- Computer with high speed access to the Internet
- Access to College computers when needed
- Virus-checking software
- Word-processing software
- Software and plug-Ins that may include (click the titles for the free downloads)
 - a. **Adobe Acrobat Reader**
 - o **Flash Player**
 - b. **Java**
 - c. **QuickTime**
 - d. **RealPlayer**
 - e. **Shockwave Player**
 - f. **Windows Media Player**

PSC 1341 Physical Science

It is a good idea to check your computer at the beginning of each class and a couple of times throughout the term to ensure you have all the necessary software and plug-ins to use the Blackboard online system and course features. After logging in to Blackboard, click on the Browser Checker link. Review the results and click the links to the recommended software.

Please note that you will need to turn off your pop-up blocker to use all features of this online course.

Blackboard™ Supported Browsers for Blackboard Version 9.1 SP7

To view Blackboard's most recent browser compatibility page, [click here](#). Please note the following when reviewing the Blackboard compatibility ratings.

Certified: 100% Compatible

Compatible: Compatible in most areas, but could have some incompatibility issues

Unsupported: Not tested and not recommended

Accessibility

If you require specific accommodations to complete this course, contact the Florida State College at Jacksonville Office of Services for Students with Disabilities (OSSD). The OSSD contact information is located at <http://www.fscj.edu/mydegree/disabilities-services/locations.php>

Your Course Participation and Assessments

Tests

Quizzes will be given on line and will worth about 60-70 points. They will include multiple-choice questions, matching and fill in the number questions. There will be similar worked problems in the lecture. They are not timed so you should be able to look at them and then go back. You can only hit submit once however. These quizzes are actually labeled as tests in blackboard and are labeled one through 12. There is also a makeup test if needed.

Final test: There will be a final, which will mostly consist of problems. I will tell you what kind of problems will be on the final. I will, in fact, give you a pretest that looks VERY similar to the final. The final will be given (technology permitting) in a proctored online environment. Part of our work this semester will be to prepare for showing work with this tool.

The online tests in total will be worth 800 points and the final will be worth 200 points toward your final grade of 1000 points.

Course Grade

Your final letter grade will be determined by totaling the points earned on all graded coursework.

| ASSIGNMENTS | POINTS |
|---------------------|-------------|
| Online tests | 800 |
| Proctored final | 200 |
| Total Points | 1000 |

PSC 1341 Physical Science

| GRADE | POINTS |
|-------|----------|
| A | 900-1000 |
| B | 800-899 |
| C | 700-799 |
| D | 600-699 |
| F | 0-599 |

FN Grade – Failure for Non-Attendance

A Failure for Non-Attendance (FN) grade may be assigned any time after the final withdrawal date. An FN grade will be assigned if the student misses the final or fails to turn in more than 3 quizzes.

I Grade - Incomplete

Incompletes will be given only if: a) at least 75% of the work is completed at the time of the request and b) the student is passing with at least a "D" at the time of the request, and c) there is a valid reason such as illness, an accident, etc. . . . Doctor's notes are required for granting incomplete grades.

Drop for Non-Attendance

Take the intoquiz during the first week or your instructor is supposed to drop you. It is an easy quiz.

Repeating the Course

You may repeat a course in an attempt to improve a grade previously earned. However, you are limited in your attempts to courses where a "D," "F," or "FN" grade was earned. You have only three total attempts in any course, including the original grade, repeat grades, and withdrawals. Upon the third attempt in a course, you must be given an "A," "B," "C," "D" or "F".

When you repeat a course at Florida State College, only the last grade earned is calculated in your cumulative grade point average (GPA). If you have an excessive number of "W" or "FN" grades and repeat courses to improve your GPA, you may jeopardize your admission to programs in the Florida State University System (SUS) or other institutions.

Calendar of Activities

The Calendar of Activities is a summary of the weekly lessons and course activities.

Special Note: The instructor reserves the right to modify this syllabus. You will be notified of any changes.

PSC 1341 Physical Science

| SUN | MON | TUES | WED | THURS | FRI | SAT |
|-----------------------------|--|--|---------------------|--|-----------------------------|-----------------------------|
| | AUG 26 Classes Begin | AUG 27 | AUG 28 | AUG 29 | AUG 30 Intro Quiz due | AUG 31 |
| SEPT 1 | SEPT 2 Labor Day College Closed | SEPT 3 Drop Deadline (Full Refund) | SEPT 4 | SEPT 5 | SEPT 6 Quiz 1 due | SEPT 7 |
| SEPT 8 | SEPT 9 | SEPT 10 | SEPT 11 | SEPT 12 | SEPT 13 Quiz 2 due | SEPT 14 |
| SEPT 15 | SEPT 16 | SEPT 17 | SEPT 18 | SEPT 19 | SEPT 20 Quiz 3 due | SEPT 21 |
| SEPT 22 | SEPT 23 | SEPT 24 | SEPT 25 | SEPT 26 | SEPT 27 Quiz 4 due | SEPT 28 |
| SEPT 29 | SEPT 30 | OCT 1 | OCT 2 | OCT 3 | OCT 4 Quiz 5 due | OCT 5 |
| OCT 6 | OCT 7 | OCT 8 | OCT 9 | OCT 10 | OCT 11 Quiz 6 due | OCT 12 |
| OCT 13 | OCT 14 Last day to turn in Quiz 1-6 | OCT 15 | OCT 16 | OCT 17 | OCT 18 Quiz 7 due | OCT 19 IT Maintenance |
| OCT 20 IT Maintenance | OCT 21 | OCT 22 | OCT 23 | OCT 24 | OCT 25 Quiz 8 due | OCT 26 |
| OCT 27 | OCT 28 | OCT 29 | OCT 30 | OCT 31 Last day to withdraw with a grade of "W" | NOV 1 Quiz 9 due | NOV 2 |
| NOV 3 | NOV 4 | NOV 5 | NOV 6 | NOV 7 | NOV 8 Quiz 10 due | NOV 9 |
| NOV 10 | NOV 11 Veterans Day College Closed | NOV 12 | NOV 13 | NOV 14 | NOV 15 Quiz 11 due | NOV 16 |
| NOV 17 | NOV 18 | NOV 19 | NOV 20 | NOV 21 | NOV 22 Quiz 12 due | NOV 23 |
| NOV 24 | NOV 25 Last day to turn in Quiz 7-12 | NOV 26 | NOV 27 | NOV 28 Thanksgiving College Closed | NOV 29 College Closed | NOV 30 College Closed |
| DEC 1 College Closed | DEC 2 | DEC 3 | DEC 4 Take Final | DEC 5 at one of | DEC 6 the proctored | DEC 7 locations |
| DEC 8 | DEC 9 | DEC 10 | DEC 11 | DEC 12 | DEC 13 Term Ends | DEC 14 |

Course Guidelines/Policies

Academic Dishonesty Policy

Academic dishonesty, in any form, has severe consequences. **[Click here to view FSCJ's academic dishonesty definitions and procedures.](#)**

Attendance Policy

You must finish the introquiz. It is not worth any real points but it is my only way of taking attendance the first week. **Failure to complete this quiz should result in you being dropped from the class.**

If the official withdrawal date has passed and you fail to sufficiently progress in the online course, you can be awarded a Failure for Non-Attendance (FN) grade. An FN grade will be assigned if the student misses more than 3 quizzes or the final.

Late/Make Up Work Policy

There is a makeup test that can be used to replace a bad online test grade or a missed online test.

Expectations of Student Conduct

It is expected that each of you use appropriate, professional language and respect when addressing classmates, as well as your instructor, in any part of the online classroom. That same level of professional conduct should extend to all assignments submitted. It is expected that you will not make insulting or inflammatory statements to other members of the class. Read the comments of other classmates thoroughly before entering your remarks and responses. Be positive, thoughtful, and constructive in your comments and responses.

Recommendations for Success in this Course

- 2) Have a place where you can study and set aside an appropriate amount of time to do it. Generally, a 3-credit hour course requires a minimum of 12 hours of self-study time each week in addition to the time spent completing assignments.
 - Practice and repetition are the best way to ensure your mastery of the material.
 - Communicate with your instructor to ask any important questions and to discuss important concepts.
 - Complete all reading assignments and view and review all chapter resources.
 - Complete and review all online classroom activities.

College Resources

Florida State College at Jacksonville offers many resources to help you become successful in your course and academic career. A brief description of some of these resources follows.

Library and Learning Commons

The Library/Learning Commons (LLC) is an instructional area of the College designed to offer a variety of teaching, learning and research resources to students enrolled in courses at Florida State College at Jacksonville. LLC services include individual and small group tutoring; traditional and virtual library services and materials; subject-specific instruction including orientations; free workshops; study areas; and access to tutorials, computers, and multimedia technology. **[Click here to access the LLC website.](#)**

PSC 1341 Physical Science

Online Support Center/Technical Helpdesk

If you have any problems with Blackboard, viewing online content, email or ***Connections***, visit the Florida State College at Jacksonville ***Online Support Center***. There you can browse helpful guides and material, search the knowledge base, and contact the technical support team directly via completion of an online form or live chat. The Support Center is also available via phone at 904.632.3151 or toll free at 866.886.4952.

Please remember that answers to questions about your course materials, tests, quizzes, or assignments can only be provided by your instructor.

Tutorials/Online Demonstrations

To view demonstrations of common Blackboard and computer activities, go to ***<http://www.fscj.edu/tutorials/index.html>***.

Success in Online Learning Workshop

This free and optional workshop sets you up for success in online courses. ***[Click here to view the workshop topics and schedule.](#)***

Institutional Effectiveness

Student work in this class may be collected by the College for the purpose of assessing institutional effectiveness and measuring general education competencies. The artifacts collected and submitted for this purpose will be done so anonymously.

Student Assistance Program. Any FSCJ student who is experiencing personal problems that might affect him/her in or out of school can now receive free counseling through Corporate Care Works, Inc. Issues may include stress, conflict, family worries, financial/legal issues, and balancing work and home. This Student Assistance Program (SAP) is delivered within Federal Confidentiality Guidelines and helps students solve challenges in a confidential manner. If you are interested in this service, please call (904) 384-1800. For further information, please visit: ***<http://www.fscj.edu/mydegree/counseling-advising/student-assistance.php>***

The Next Step

I hope you have enjoyed exploring this syllabus and find it useful. Your next step is to become familiar with the Blackboard classroom and begin the assignments for Week One.

See you in the online course!