HOUSTON COMMUNITY COLLEGE SYSTEM
HCCS-Distance Education

PHYS 1305 Introductory Physics 1 CRN: 34148
Course Intent: Health Science Professions, Education, Sciences, General Studies
Prerequisites: None
Course Credit: 3 Semester Hours
Instructor: Olatunde (Tunde) Amosu; Phone: 832-359-8414;
email address: olatunde.amosu@hccs.edu
I will respond to email messages within 24 hours: M-F
For Technical Assistance: 1-866-588-5281
Distance Education Phone: 713-718-5275 (Administrative matters)
On-line tutoring: www.hccs.askonline.net. Available 24/7
Textbooks:
Physics - A Conceptual World View; 7th edition by Kirkpatrick / Francis. ISBN # 0-495-39152-2
2. Problem Solving to accompany: PHYSICS-A Conceptual World View; 7th Edition by Kirkpatrick / Francis. ISBN # 13: 978-0-495-82824-2

The course is an integration of 2 parts, a standard textbook, and an internet on-line course. Students must buy and read the correct text book. This course will be accessible with an account password, which will be given to you after you complete the online orientation, and are to be used only for this course and only by you, the student. Most of you will find the material is new to you. Please set aside adequate time for study - you will probably need to spend at least 3 hours per week.

COMMUNICATION:

Most announcements regarding the course will appear on the homepage of the WebCT internet course. Check these announcements each time you login. All major announcements will be updated on a weekly basis.

Test date: Four (4) tests. One per module as announced & final on **May 2- 5, 2013**
Course Layout: Course content is organized into five modules.
Module One: Chapters 1, 2 & 3

Module Two: Chapters 4 & 5
Module Three: Chapters 6, 7 & 8
Module Four: Chapter 9, 10 & 11
Module Five: Chapters 12, 13, 14 & 15

Course Description

This course is a non-calculus based course provided for students with a good background in mathematics and algebra. It is a conceptual course in introductory physics for students majoring in fields (Health Sciences, Education, General Studies, Arts, Technology etc) other than science, mathematics or engineering. The course will cover the fundamental topics in classical and modern physics.

Course Objectives

The main objective of this course is to provide non-science oriented students with a clear and logical presentation of some of the basic concepts and principles of physics. This course is intended as a non-lab-based preparatory course for students wishing to take PHYS 1401 and PHYS 1402, and also for those students wishing to take PHYS 2325 who have no prior knowledge of physics.
Upon completion of this course, students are expected to

- be able to know about measurements
- be able to describe the motion (Avg. speed, velocity, acceleration, displacement) of a particle
- Understand the Newton's laws of motion, gravity,
- Understand three (3) fundamental conservation laws: momentum, energy, rotational, Structure of Matter and State of Matter.

New DE Student Userid
Your new student login userid will be your HCC User ID (sometimes referred to as the "W" number). All HCC students have a unique User ID. It is the same number you use for class registration. For students who have taken DE classes in previous semesters, the login will no longer be "firstname.lastname" + the last 2 digit of your SS #.

If you do not know your User ID you can look it up by visiting the HCC home page:

- From www.hccs.edu, under the column "CONNECT", click on the "Student System Sign In" link
- Then click on "Retrieve User ID" and follow the instructions.

Or use the direct link to access the Student Sign In page:
https://hccsaweb.hccs.edu:8080/psp/csprd/?cmd=login&languageCd=ENG

The default student password is "distance." Students will then be prompted to change their password after their first login. Please visit the Distance Education (DE) Technical Support website if you need additional assistance with your login.
These new student login procedures apply to classes taught in both WebCT and Blackboard.

Students with Disabilities

HCCS is committed to compliance with the American with Disabilities Act and the Rehabilitation Act of 1973 (section 504).
"Any student with a documented disability (e.g. physical, learning, psychiatric, vision, hearing etc.) who needs to arrange reasonable accommodation must contact the appropriate HCC Disability Support Service (DSS) Counselor at the beginning of each semester.
Instructors are authorized to provide only the HCC DSSO approved accommodations but must do so in a timely manner.

Students who are requesting special testing accommodations must first contact the appropriate (most convenient) DSS office for assistance each semester.
Disability Support Services Offices:
System: 713.718.5165
Central: 713.718.6164 – also for Deaf and Hard of Hearing Services and Students
Outside of the HCC District service areas.
Northwest: 713.718.5422
Northeast: 713.718.8420
Southeast: 713.718.7218
Southwest: 713.718.7909
The student must request an accommodation before the start of each semester (as applicable) and should indicate to the DSS counselor when he/she is enrolled in a DE class as the processing differs from that of on-campus. After student accommodation letters have been approved by the DSS office and submitted to DE Counseling for processing, students will receive an email confirmation informing them of the Instructional Support Specialist assigned to their professor and that the accommodation letter has been processed.
Upon consultation and documentation, you will be provided with reasonable accommodations and/ or modifications.
Also visit the ADA web site at:
http://www.hccs.edu/students/disability/index.htm. Faculty Handbook / faculty Orientation is also available at http://www.hccs.edu/sudnts/disability/faculty.htm

EARLY ALERT
HCC has instituted an Early Alert process by which your professor may "alert" you and DE counselors that you might fail a class because of excessive absences and/or poor academic performance.

INTERNATIONAL STUDENTS: International Students are restricted to ONLY ONE online/distance education class per semester. Please contact the International Student Office at 713-718-8520 if you have additional questions about your visa status.

DISTANCE EDUCATION (DE) ADVISING AND COUNSELING SERVICES

Much DE student information can be found on the DE Student Services website: de.hccs.edu. Advising or counseling can be accomplished by telephone at 713-718-5275-option #4, via email at de.counselling@hccs.edu, by visiting the Distance Education Office at the HCC Administration Building, 3100 Main Street, 3rd floor and / or through our online request form AskDECounseling. Counselors and Student Services Associates (SSA) can assist students with admissions, registration, entrance testing requirements, degree planning, transfer issues, and career counseling. In-person, confidential sessions can also be scheduled to provide brief counseling and community referrals to address personal concerns affecting academic success. Confidential sessions with the distance education counselors will help

ASKDECOUNSELING FORM

AskDECounseling is a student services online help form. This is the best and quickest way for students to get accurate assistance with DE registration, enrollment, advising, and counseling. The online help form is simple to fill out, convenient, and readily accessible through the internet. Students do not have to travel to campus sites, leave work, or wait in an office or lobby to receive assistance. Upon submission, student requests are answered in the order they are received.

DE STUDENT SERVICES

The Distance Education Student Handbook contains policies and procedures unique to the DE student. It is the student's responsibility to be familiar with the handbook's contents and part of the mandatory orientation. The handbook contains valuable information, answers, and resources, such as DE contacts, policies and procedures (how to drop, attendance requirements, etc.), student services (ADA, financial aid, degree planning, etc.), course information, testing procedures, technical support, and academic calendars. Refer to the DE Student Handbook by visiting this link: http://de.hccs.edu/de/de-student-handbook

ONLINE TUTORING

HCC provides free online tutoring in writing, math, science, and other subjects. How to access AskOnline: Click on the Ask Online button in the upper right corner of the Blackboard course listings page. This directs students to the HCC AskOnline Tutoring site: http://hccs.askonline.net/. Use your student ID or HCC e-mail address to create an account. Instructions, including a 5-minute video, are provided to make you familiar with the capabilities of this service.

SOCIAL NETWORKING

DE students are encouraged to become a fan of DE on Facebook http://www.facebook.com/HCCDistanceEd and to follow DE on Twitter: http://twitter.com/HCCDistanceEd

These social networking sites help DE foster student engagement and provide a sense of community for the online learner. Students will also stay informed about important information and announcements.

LIBRARY RESOURCES

As a DE student you have the same access to first-rate information resources that the HCC Libraries make available to all HCC students. A special website pulls together all the tools DE students will need to get their research rolling. Library Resources link is specifically for DE students: http://library.hccs.edu/library_services/distance.php

CLASS ATTENDANCE

As stated in the HCC Catalog, all students are expected to attend classes regularly. Students in DE courses must log into their Blackboard class or they will be counted as absent. Just like an on-campus class, your regular participation is required.

Although it is the responsibility of the student to withdraw officially from a course, the professor also has the authority to block a student from accessing Eagle On- Line (EOL), and/or to withdraw a student for excessive absences or failure to participate regularly. DE students who do not log into their EOL class before the Official Day of Record will be automatically dropped for non-attendance. Completing the DE online orientation does not count as attendance.

Course Repeater Policy

The State of Texas imposes penalties on students who drop courses excessively. That is, if students repeat the same course more than twice, they have to pay extra tuition. In addition, as of Fall 2007, students are limited to no more than SIX total course withdrawals throughout their educational career at a Texas public college or university. To help students avoid having to drop/withdraw from any class, HCC has instituted an Early Alert process by which professors will "alert" students to Distance Education (DE) counselors when a student is at risk of failing a class because of excessive absences and/or poor academic performance. Students must then contact their DE professor regarding their academic performance or a DE counselor to learn about what, if any, HCC interventions might be available (online tutoring, child care, financial aid, job placement, etc.) to stay in class and improve academic performance.

HCC Course Withdrawal Policy

For 16 week Spring '13 classes, this date is April 1 (4:30pm). **In order to withdraw from a DE class, students MUST request to be withdrawn by notifying the DE professor. This must be done PRIOR to the withdrawal deadline to receive a "W" grade.** If a student does not

request to withdraw before the deadline, the student must be assigned a letter grade that is earned by the end of the semester (A, B, C, D, and F). If a student does not feel comfortable contacting his/her professor to withdraw, he/she may contact a DE counselor. Student do **not** need to contact both the professor and counselor; either one is sufficient. When requesting to be withdrawn by a counselor, students must provide a written notification including all course information as outlined in the How to Drop section of the DE Counseling Student Services website section. For final withdrawal deadlines for regular and second start terms, students should check the HCC Academic Calendar by term, which is posted on HCC's homepage. Please contact the HCC Registrar's Office to determine these withdrawal deadlines.
If you need assistance, do not hesitate to contact me (my phone number and e-mail address are listed above). I am here to help.

HOW TO DROP

- If a student decides to drop or withdraw from a class upon careful review of other options, the student can drop online prior to the deadline (November 18th) through their HCC Student Center. https://hccsaweb.hccs.edu:8080/psp/csprd/?cmd=login&languageCd=ENG
- HCC and/or instructors may drop students for excessive absences without notification (see Class Attendance below).
- Students should check HCC's Academic Calendar by Term for drop/withdrawal dates and deadlines. Classes of other duration (mini-term, flex-entry, 8-weeks, etc.) may have different final withdrawal deadlines. Please contact the HCC Registrar's Office at 713-718-8500 to determine mini-term class withdrawal deadlines.

Attendance policy

VIRTUAL CLASSROOM CONDUCT: As with on-campus classes, all students in HCC Distance Education courses are required to follow all HCC Policies & Procedures, the Student Code of Conduct, the Student Handbook, and relevant sections of the Texas Education Code when interacting and communicating in a virtual classroom with faculty and fellow students. Students who violate these policies and guidelines will be subject to disciplinary action that could include denial of access to course-related email, HCC facilities, and chat rooms or being removed from the class list.

NOTICE FOR STUDENTS WHO LIVE OUTSIDE OF HCC SERVICE AREA: PROCTORING (in case of paper exam): Students who live outside the Houston area and cannot take paper exams at one of our HCC testing locations MUST complete the proctor approval application at least 2 weeks prior to the first assignment or exam. It is the responsibility of the student to obtain a proctor. Students should visit the Distance Education (DE) Student Services webpage for more information or contact DE Counseling through the Ask DE Counseling online help form: http://de-counseling.hccs.edu/StudentSignIn/

Assignments

There will be assignments assigned as specified on the schedule. They will be graded for credit; students are strongly encouraged to attempt all assignments. The effort spent will enable you to perform better in tests and final exam.

COURSE SCHEDULE and Date for the assignments, online Test and Final Examination

Week	Chapters	Topics to be covered
1	1	A World view- (1/14- 1/18)
2	2	Describing Motion **Assignment #1- (Jan 24 – Jan 26) (Chapters 1 & 2)**
3	3	Explaining Motion **ONLINE TEST #1 -(Jan 31 – Feb 2) (Chapters 1-3)**
4	4	Motions in Space – 2/2 – 2/8
5	5	Gravity – 2/9 – 2/13 **ONLINE TEST # 2 (Feb. 14 – Feb. 16) (Chapters 4-5)**
6	6	Momentum – Feb. 17 - Feb. 23
7	7	Energy – Feb 24 – Feb 27 **Assignment #2- (Chap 6 & 7) (Feb 28- March 2)**
8	8	Rotation – March 3 – March 6 **ON LINE TEST- # 3- March 7 – 9 (Chapters 6, 7 & 8)**
9	9	Classical Relativity – 3/10 - 3/ 16 Spring Break – 3/11- 3/17
10	10	Einstein's Relativity – March 17 - March 23
11	11	Structure of Matter- March 24- March 27 **ON LINE TEST _ #4 (Chaps 9,10 and 11) Mar. 28- Mar. 30** Spring Holiday – March 29 - 31
12	12	States of Matter – March 31 – April 5 Last Day for Administrative / Student Withdrawals- 4:30 pm
13	13	Thermal Energy – April 7 – April 10 **Assignment # 3 (April 11-13)- Chapters 12 & 13**

14	14	Available Energy– 4/14 – 4/20
15	15	Vibrations & Waves- Chap 15- (April 21- April 28) Review – April 28 – May 1 **FINAL EXAM. May 2- 5. (Chap 12, 13, 14 & 15)**

All the assignments and on line tests are open or available from 6 am of Thursday to midnight of Saturday. All tests and Assignments are compulsory for students and will be opened note, book and slides and closed at the specified date shown.

No Make Up for any assignments, tests & final examination

EXAMS AND GRADING:

- 60% of your course grade is based on the lecture exams. There will be a total of five lecture exams (four and a final) and all tests and exam are on line with a specific period and allowing time duration. Each test or exam will contain a number (50) of multiple-choice questions. Multiple Choice questions need to be answered on line. Out of the above four lecture exams you have a choice to drop the lowest score (grade).
  If you miss an exam it automatically becomes your drop exam. No make up exams will be given.
- 25% of your course grade is from the final examination taken during the May 2-5, 2013. The final examination is compulsory for all the HCCS students.
- 15% of your course grade is from 3 online Assignments, which you will complete and submit, online. Please follow the syllabus & calendar for each online test and assignments. **The deadline for submitting the test will be midnight Saturday. Each assignment will have 25 randomized questions.** These tests/assignments are open book and there is a time limit in which you have to finish. You will be given only one attempt to finish them, hence attempt these tests/assignments only after going through the chapter lecture thoroughly.

Every two weeks there will be a discussion posting based on the material covered in the week. You are required to attempt a minimum of 5 discussion postings in the semester. Most postings will require you to write your own views on a particular topic, you can site the works of others to support your views, but be original in your comments.

GRADE COMPUTATION:

3 Lecture exams online (lowest 1 to be dropped)	60 pts (60%)
3 Online Assignments	15 pts (15%)
Final Examination-May 2 – 5, 2013	25 pts (25%)

Total 100 pts (100%)

A = 90 above
B = 80-89
C = 70-79
D = 60-69
F = below 60

ISSUANCE OF EXAM GRADES:
Grades will be posted on the Internet as soon as possible. Go to the course homepage, click "My Grades". This tool will have all your quizzes and exam grades.
Grades will not be posted at anytime during the semester. You can check your final grade on the web site www.hccs.edu . The HCC system office will no longer mail the transcripts to you.
Success in this course depends solely on the individual student!
The following are strongly recommended for each student:

- Read and understand all elements of the Syllabus, Distance Education and Student handbooks.
- Give your professor evening (after 9pm or week-ends) phone calls and e-mail.
- Read and comprehend the required chapters in the textbook prior to the exams.
- Successfully complete all requirements of this course as outlined in this document.
- Contact your professor if you have any questions regarding any element of the course you do not understand.
- HINT: Work hard from the beginning of the semester rather than playing a "catch-up game during the second half of the semester.
- Student CD-Rom accompanying the textbook and student web site of the publisher are excellent sources to review course content.
- Plan to attend review sessions to clarify your concerns about the course content.

Important Dates:	
Sept 10	Last Day for drop/add classes online
Nov. 2 before 4:30 pm	Last Day for Administrative and Student Withdrawal
December 21	Grades available to students

TIPS FOR NAVIGATING THROUGH THE INTERNET COURSE:
Power point: give you a vivid lecture presentation just like a classroom teaching and learning.
Practice Tests: through those tests, find out something you don't understand. Redo those tests many times as you can.

Practice tests: practice those tests and the final examination, before you submit the real answers. Lecture (video): watch the live video in addition of reading the book will help you to understand.
Review: those reviews are the key points and basic skill needed to master the physics material.
My Grades: check grades in "my grades" tool,
Have a GREAT SEMESTER and please remember to email me if any questions arise.

Important dates

Jan 13:	Last day for Drop/Add/Swap/Registration Ends (Online only)
Jan 14:	Regular classes' begin- Drop/Add/Swap
Jan 21:	Offices Closed – Martin Luther King Jr Observance
Feb 18:	Offices Closed _ Presidents day Holiday
March 11-17:	Office Closed – Spring Break
April 1:	Last day for student withdrawals- 4:30pm
March 29 - 31:	Offices closed- Spring Holiday
May 5:	Instruction ends
May 6-12:	Final exam begins on HCCS regular class schedule
May 12:	Semester Ends
May 13:	Grades Due by 12:00 noon
May 17:	Grades available to students