Course Title: PHYS 1220: Physics with Calculus I
Semester: Spring 2018
Class Location: Daniel Hall 100B
Course start date: January 10, 2018
Course end date: May 4, 2018
Class Meetings: MWF 8:00–8:50 AM (sect 001), 9:05–9:55 AM (sect 002)
Course CRN: 10649 (sect 001), 10673 (sect 002)
Instructor: Lih-Sin Thé, Ph.D.
University Email: tlihsin@clemson.edu
Office Hours: MWF 10:00am - 12:15pm, 1:30pm - 4:30pm, TTh 9:30am - 12:00pm, 1:00pm - 4:00pm
Office Location: Kinard Hall, 120-D
Office Phone: (864) 656 – 1644

Course Description
First of three courses in a calculus-based physics sequence. Topics include vectors, laws of motion, conservation principles, rotational motion, oscillations, and gravitation. Credit for a degree will be given for only one of PHYS 1220, 2000, or 2070. Includes Honors sections.

Prerequisites
Prerequisite or concurrent enrollment: MATH 1060 or MATH 1070
Course Objectives
To give the successful student a working knowledge of mechanics and the skills necessary to solve basic mechanics problems with exercises in critical thinking by the use of quantitative and qualitative analysis. Students are expected to have the skills to:

- Analyze motion in terms of position, displacement, velocity, and acceleration.
- Develop the skill to apply one- and two-dimensional kinematic equations.
- Construct free-body diagrams and apply Newton’s laws of motion.
- Apply Newton’s laws and kinematic equations to rotational motion.
- Analyze systems using conservation laws of energy and momentum.
- Compute the properties of rigid body motion (translation and rotation).
- Apply Newton’s laws and conservation laws to fluids and oscillations.

Gen Ed Requirements
This course satisfies the general education competency for mathematics and natural sciences with lab as evident in the lab reports of PHYS1240. Students demonstrate the process of scientific reasoning by performing an experiment and thoroughly discussing the results with reference to the scientific literature, or by studying a question through critical analysis of the evidence in the scientific literature.

Required Materials
- For Online Homework Assignments: Enhanced WebAssign account (accessed through canvas, see “Log in to WebAssign” below).
- For In-Class Assignments/Quiz: an internet device such as a laptop, tablet or cell phone with subscription/access to iClicker Cloud-REEF audience response system.
- Ancillary information (lecture notes, recorded lectures, equation sheets, etc.) is provided in the Canvas course site and through Internet links (under the “Files” and “Modules” sections of Canvas).
- Laptop or desktop computer.
- Reliable internet service.
- WebBrowser either firefox, chrome, or safari.
- Adobe Reader, Flash Player, Java, QuickTime Player.

Student Learning Outcomes
- Students will identify velocity and acceleration from position-versus-time graph and velocity-versus-time graph.
- Students can utilize kinematic equations to determine the position, velocity, and acceleration of a moving object.
- Students can calculate the net force on an object and can apply the three Newton laws to determine the motion of an object.
● Students can apply kinematic equations of circular motion in combination with the Newton’s second law for circular motion to determine the motion of an object in circular motion.
● Students can apply correctly the law of conservation of momentum.
● Students can utilize the law of conservation of energy for isolated and nonisolated systems.
● Students can apply Newton’s laws and conservation laws to fluids and oscillations.

In-Class Quiz
We are using audience response systems in class called iClicker Cloud REEF Polling for our daily in-class quiz. Each class, there will be several questions posed throughout class to which you will respond with your internet device. Your iClicker Cloud REEF account must be activated and registered as soon as possible. We will begin using iClicker Cloud for our first in-class quiz on January 17th (Wednesday).

Your iClicker Cloud account is initially activated through Canvas. In Canvas, go to “Assignments” and click on iClicker “Cloud REEF Access”. Click on “Load iClicker Cloud REEF in a new window” and follow the directions to get into iClicker Cloud.

Purchasing iClicker Cloud subscription: Students can purchase an iClicker Reef subscription from within the Reef web, iOS, or Android applications. All students receive a free 14-day trial when they sign up for a Reef account. A 6 month (1 year) subscription costs $14.99 ($23.99).

For Access to iClicker Cloud: Download the iClicker Cloud mobile app via the App Store or Google Play or visit iClicker.com or app.reef-education.com and then click Sign Up! Select Clemson University as your institution. Follow the sign in instructions. You should then click the plus sign in the upper right hand corner to select this course.

Concerning scoring, you will receive 3 raw points for every answer (regardless of the correctness) and five raw points for each correct answer (zero points are recorded for no answer/an absence). Your grade for this portion of the class is 10% of the total score in class. The lowest three daily quiz scores (including zeroes) will be dropped near the end of the semester. Each quiz day score is worth the same amount of credit regardless the number of questions asked on that day.

iClicker Cloud REEF (in-class quiz) makeup: If you miss more than three class days due to university excused absences or illnesses documented by a physician, you will have an opportunity to make up REEF points. In order to take advantage of this, you must email your instructor pdf’s of your excuses. Your instructor will then give you an assignment for each day (or exemption) over the three that you miss in order to make up the points. The student will only be allowed a make-up if he/she shows written documentation within one week of a particular REEF session.
Homework
We will be using WebAssign as our interactive homework submission system. Homework must be submitted for each chapter in the textbook. Homework sets are posted on the WebAssign.net website. Every student will have a free access to WebAssign in the first two weeks of class. If you purchase a new textbook, you will receive a student access kit to WebAssign packaged with it. Students who do not purchase a textbook can purchase the online access using a credit card during the registration process. The Student Access Kit that comes with the textbook consists of a card with printed online registration instructions and a pull-tab revealing a student access code. Each code can be used by only one student.

Homework is intended to take you between 2 and 3 hours per chapter. For each problem, students are given 6 trial submissions to a correct answer. The worth of homework total points is 20% of the total points in class. Homework is due at 11:59 pm on the day indicated in the schedule. There is a 20%/day score reduction for a late homework. All due dates are posted in WebAssign. Each homework is worth the same amount of credit (regardless of the number of raw homework points). The lowest homework score will be dropped at the end of the semester.

Log in to WebAssign
All students will have two week grace period from the start date of the course to use WebAssign for free, after that period students have to pay for the access. To access your WebAssign account directly from Canvas, do the following steps:

- Log in to Canvas and click Assignments, then click “Getting Started with WebAssign – Tutorial” under WebAssign Assignments. This steps will log you in your WebAssign account.
  - If this is the first time you access WebAssign from Canvas, link your WebAssign account by entering your WebAssign username and password, then click Link Account.
  - If you do not have a WebAssign account, click “I don’t have a WebAssign account” to create your WebAssign account.
- After that, you may select "enter an access code" to enter your access code.

Examinations
Midterm Exams: There will be three exams during the course schedule. Each exam lasts one hour and is worth 150 points. Each exam will be taken through the Canvas online system in an assigned proctored room. It will be given on Thursday evening at 7pm on February 8th, March 8th, and April 19th. Each exam is a multiple choice exam where some problems are given partial credits. There will be practice exams in Canvas for students to practice before the exam and to make sure student computers work with the system. If you miss an exam because of an excused absence you will be given a makeup exam. To obtain an excused absence from a test your reason must be serious and verified by University sources. Makeup exams will be given the following Thursday evening at 7 pm in G01 Kinard. There are no dropped exams, exam grade replacements, or final exam exemptions.
Final Exam:
The final exam is comprehensive that it covers all materials of the course. It will be given on Wednesday, May 2\textsuperscript{nd} from 7:00pm to 9:30pm. It will be a multiple choice Canvas online exam like the other exam to be taken in an assigned proctored room. No exemptions from this examination will be given. The final examination will be worth 250 points or 25\% of your final grade.

Exam Aids:
During all of the exams, students are allowed to bring and to use the equation sheet, Phys1220\_Eqs.pdf that is available in the “Files” of our Canvas. This equation sheet can have no writing on it. You will also be allowed to bring in several blank scratch papers. You will need to bring your computer to your assigned testing room. Please make sure your computer is fully charged before entering the room as there may not be enough outlets for all. Note that Calculators are not allowed.

Grading
Assignments in this course are divided into these general categories, which carry the following weight in your final grade calculations:

<table>
<thead>
<tr>
<th>Assignment</th>
<th>Points</th>
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<tbody>
<tr>
<td>3 Midterm exam</td>
<td>450 points</td>
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<tr>
<td>Final exam</td>
<td>250 points</td>
</tr>
<tr>
<td>Assignments</td>
<td>200 points</td>
</tr>
<tr>
<td>Quiz</td>
<td>100 points</td>
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<tr>
<td>Total points</td>
<td>1000 points</td>
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</table>

You are treated as a professional in the course. Accordingly, the grading is strict, but fair. Reading the directions and grading criteria provided for each assignment is the key to understanding how you will be graded. Following those directions is the key to doing well.

This course follows the typical grading guidelines:
A = 90 to 100\%
B = 80 to 89\%
C = 70 to 79\%
D = 60 to 69\%
F = 0 to 59\%

Contesting Grades
Grades will be updated typically daily on Canvas. You have one week to contest any grade after it is posted. Homework grades will be posted in WebAssign.net and any contesting of grades should be done within a week of completion of the assignment. Any requests for reexamination of scores more than one week after the grades are posted will not be granted. Quiz scores are typically posted daily so there should be plenty of time to contest a score within the allotted
Requests for quiz make-ups must also be made within the week of the question and must be backed up by a written document validating the conflict.

**Attendance Policy**

Attendance is required. Because of the pace at which material is covered and because of the cumulative nature of the principals involved it is recommended that students not miss a class unless there is a compelling reason. Students are requested to wait 10 minutes in the unlikely event that your instructor is late for class.

In the event of an emergency, the student should make direct contact with the course instructor, preferably before a class or an exam takes place. Students should speak with their course instructor regarding any scheduled absence as soon as possible and develop a plan for any make-up work. It is the student's responsibility to secure documentation of emergencies, if required. A student with an excessive number of absences may be withdrawn at the discretion of the course instructor.

Any exam that was scheduled at the time of a class cancellation due to inclement weather will be given at the next class meeting unless contacted by the instructor. Any assignments due at the time of a class cancellation due to inclement weather will due at the next class meeting unless contacted by the instructor. Any extension of postponement of assignments or exams must be granted by the instructor via email or Canvas within 24 hours of the weather related cancellation.

**Academic Grievances**

Academic grievances are handled by Dr. Jeffrey Appling in Undergraduate Studies or Dr. Frankie Felder for Graduate Studies. Students are advised to visit the Ombuds Office prior to filing a grievance.

**Technical Support:** If you are experiencing technical difficulties with any element of the course, please contact me immediately. I will direct you to the appropriate IT support (for course site issue email ithelp@clemson.edu and for WebAssign site issue go to [http://webassign.com/support-request](http://webassign.com/support-request) or call (800) 955-8275) to fix the issue promptly.

**Faculty Response Time**

**Communications Response Time:** Instructor response time is 36 hours for questions posted in the Learning Management System and sent via email. This response times excludes weekends, official University closures, and other times as noted by the instructor. Should you need live assistance, email me to arrange an office or phone consultation.

**Faculty Grading Expectations:** Most assignments will be graded within 72-hours. Some assignments may be graded by Canvas and will be available for review after the due date of the assignment. Larger assignments may take up to one-week to be graded. Late work will be graded within one-week of submission.
Important Note: Refer to the course calendar for specific meeting dates and times. Activity and assignment details will be explained in detail within each week's corresponding learning Chapter. If you have any questions, please contact your instructor.

Receiving Grades & Instructor Feedback
Assignment grades and feedback are provided generally 48 hours after the assignment is due and always before an assignment of the same type is due. Unless otherwise stated, grades and feedback will be available via the Grades area of the course site.

Tutoring Information
This course is supported by the Academic Success Center tutoring program. The ASC tutors have completed and done well in this course, and they understand the concepts well enough to help you work through questions you have. The ASC tutoring program is certified by the College Reading and Learning Association, which means that our tutors are trained to share learning and study strategies during tutorial sessions. While tutors will not complete/correct homework for you or help you on take-home tests or quizzes, they will help you understand and reinforce concepts that you are learning in your classes. For more information visit https://www.clemson.edu/asc/courses/tutoring/index.html.

Additional Course Support
If you discover that you would like additional support to meet your success goals for this course, contact the Academic Success Center using their “Request for Course Assistance” form (http://www.clemson.edu/asc/courses/index.html). Private tutoring may be available through the Tutor Matching Service. If you feel confident in your abilities in this course after completion, or in other courses you have already completed, please consider signing up to provide tutoring at a pay rate you set for yourself (http://www.clemson.edu/asc/courses/private-tutoring.html).
## Course Calendar:

### Phys 1220 Spring 2018 Schedule

<table>
<thead>
<tr>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
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<tbody>
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<td>No class</td>
<td>Intro/Ch 1</td>
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<td>HW #1 Due</td>
<td>Ch 2</td>
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<td><strong>January 15</strong></td>
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<td>MLK Holiday</td>
<td>HW Getting St</td>
<td>Ch 2</td>
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<td>Ch 2</td>
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<td><strong>January 22</strong></td>
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<td>25</td>
<td>26</td>
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<tr>
<td>Ch 3</td>
<td>Ch 3/4</td>
<td>HW #2 Due</td>
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<td>Ch 4</td>
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<td><strong>January 29</strong></td>
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<td>31</td>
<td><strong>February 1</strong></td>
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<tr>
<td>Ch 4</td>
<td>Ch 4</td>
<td>HW #3 Due</td>
<td>Ch 5</td>
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<td><strong>February 5</strong></td>
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<td>7</td>
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<tr>
<td>Ch 5</td>
<td>Ch 5 &amp; Review-1</td>
<td>Ch 1-4</td>
<td>Ch 5/6</td>
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<td><strong>February 12</strong></td>
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<td>Ch 6</td>
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<td>HW #5 Due</td>
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<td><strong>February 19</strong></td>
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<td>Ch 7</td>
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<td>HW #6 Due</td>
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<td>Ch 7/8</td>
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<td><strong>February 26</strong></td>
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<td>28</td>
<td><strong>March 1</strong></td>
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<td>Ch 8</td>
<td>Ch 8</td>
<td>HW #7 Due</td>
<td>Ch 9</td>
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<td><strong>March 5</strong></td>
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<td>Ch 9</td>
<td>Ch 9 &amp; Review-2</td>
<td>Ch 5-8</td>
<td>Ch 9-10</td>
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<td><strong>March 12</strong></td>
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<td>Ch 10</td>
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<td>HW #9 Due</td>
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<td><strong>March 19</strong></td>
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<td><strong>March 26</strong></td>
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<td>Ch 11</td>
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<td>HW #11 Due</td>
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<td>Ch 12</td>
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<td><strong>April 2</strong></td>
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<td>Ch 12/13</td>
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<td>HW #12 Due</td>
<td>Ch 13</td>
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<td><strong>April 9</strong></td>
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<td>Ch 13</td>
<td>Ch 13/14</td>
<td>HW #13 Due</td>
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<td>Ch 14</td>
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<td><strong>April 16</strong></td>
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<td>Ch 15</td>
<td>Ch 15 &amp; Review-3</td>
<td>Ch 9-14</td>
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<td>Ch 15</td>
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<td><strong>April 23</strong></td>
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<tr>
<td>Ch 15/16</td>
<td>Ch 16</td>
<td>HW #15 Due</td>
<td>Ch 16 &amp; Rev/HW#16Due</td>
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<td><strong>May 1</strong></td>
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<td>Ch 1-16</td>
<td>Final Exam</td>
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<td><strong>May 8</strong></td>
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<td><strong>January 17:</strong> Last day to register or add a class or declare audit.</td>
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<td><strong>January 24:</strong> Last day to drop/withdraw without a W.</td>
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<td><strong>March 16:</strong> Last day to drop a class or withdraw from the University without final grades.</td>
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<td><strong>Final Exam:</strong> Wednesday, May 2nd from 7:00 pm until 9:30 pm</td>
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Assignments
Instructional content is organized in Chapters grouped with corresponding assessments.

Chapter 1: Getting Started with Physics
- Reading Assignment: Chapter 1 (pp. 1-17)
- Read More Worked Examples in Lecture Notes Ch01.
- Watch Recorded Lectures: “Getting Started”
- WebAssign HW #1
- Learning outcomes: You can describe what physics is about and how physics laws and theories are discovered. Students will be expected to know how to learn physics properly and develop the skills to solve problems in physics. Students will use SI units and know how to do unit conversion, dimensional analysis and to present a measured value with the correct significant figures.

Chapter 2: One-Dimensional Motion
- Reading Assignment: Chapter 2 (pp. 22-50)
- Read More Worked Examples in Lecture Notes Ch02.
- Watch Recorded Lectures: “One-Dimensional Motion”
- WebAssign HW #2
- Learning outcomes: You will determine the displacement, velocity, and acceleration from position-versus-time or velocity-versus-time graph, and will calculate the position, displacement, time interval, velocity, and acceleration of an object using one-dimensional kinematic equation.

Chapter 3: Vectors
- Reading Assignment: Chapter 3 (pp. 59-79)
- Read More Worked Examples in Lecture Notes Ch03.
- Watch Recorded Lectures: “Vectors”
- WebAssign HW #3
- Learning outcome: You will construct geometrically the resultant vector of vector addition, vector subtraction, and vector multiplied by a scalar, resolve a vector into components and draw its graphical representation, calculate the magnitude and direction of a vector, convert vector representation of Cartesian coordinate into polar coordinate and vice versa, and apply the vector techniques to analyze displacement and velocity of two-dimensional motion.

Chapter 4: Two-and Three-Dimensional Motion (the rest of the Chapters are described in detail in Chapters with the same structure as for Chapter 1, 2, and 3)
Chapter 5: *Newton’s Laws of Motion*  
Chapter 6: *Applications of Newton’s Laws of Motion*  
Chapter 7: *Gravity*  
Chapter 8: *Conservation of Energy*  
Chapter 9: *Energy in NonIsolated Systems*  
Chapter 10: *Systems of Particles and Conservation of Momentum*  
Chapter 11: *Collisions*  
Chapter 12: *Rotation I: Kinematics and Dynamics*  
Chapter 13: *Rotation II: A Conservation Approach*  
Chapter 14: *Static Equilibrium, Elasticity, and Fracture*  
Chapter 15: *Fluids*  
Chapter 16: *Oscillations*  

**Course Navigation**  
The buttons in the course menu provide access to these content areas:  
- **Announcements**: Includes updates and reminders for the course.  
- **Syllabus**: Explains the course objectives, grading criteria, student responsibilities, and final exam information for proctoring.  
- **Files**: Includes many additional study materials such as Lecture Notes, Recorded Lectures, Old Exam Solutions, and Equation Sheets.  
- **Grades**: Displays instructor feedback and grades. If you see an exclamation mark for an assignment, it means the assignment has been submitted and will be reviewed by the instructor. If you see a score for an assignment, you can click on it to read feedback from your instructor.  
- **Modules**: Includes video recorded lectures and WebAsign link.  

**Course Content**  
This course contains Chapters (or chapters), each consisting of some or all of the following components:  
- **Textbook Reading**: In each Chapter, you will read a chapter, or several chapters, from the textbook and/or other course materials made available to you in the course site.  
- **Worked Examples**: In lecture notes of each Chapter, you will follow through work examples to enhance your understanding of applying the concepts to physics problems.  
- **Recorded Lectures**: In most Chapters, recorded lectures are available to further clarify some topics discussed in the textbook with application to solve example problems and to show some demonstration to real life examples.  
- **Assignments and Exercises**: In most Chapters, you will complete an assignment or assessment related to the reading. These assignments and assessments will help in your
understanding of the material in the assigned chapters and related readings. The assignments include homework at WebAssign, midterm exams, and a final exam.

- **In-Class Quiz:** You will participate in class quizzes. We are using iClicker/REEF audience response system in class.

### Accepting Late Work

Late work through WebAssign will be accepted up to 48 hours from the original deadline, but a 20%/day reduction in credit will be given as a penalty. An extension to a deadline can be given if there is a reasonable cause. All work must be submitted by the last day of the course; no extensions or late work will be accepted beyond that date. Please plan ahead.

### Communicating with Your Instructor

You have numerous ways of communicating with your instructor: phone, email, the Q&A forum, and live consultations by appointment with the Adobe Connect Meeting system.

- If you have a question about an assignment or class procedure, consider posting it in the Q&A forum (accessed through Discussion button in the left column of course Canvas) so that other members of the class can benefit from it, too. A lot of learning can happen in this forum if you use it, so please do!

- If you have a personal concern (such as a question about a grade), send a message to your instructor through the course site or through your Clemson email account.

- I am here to help you, so please ask questions and seek clarification as early and as often as needed. Delay will only hinder your learning.

### Minimum Technical Skill Requirements

Students are expected to have a minimum working knowledge of computers and a word processing program to be successful in a class. You must be comfortable with your computer system and willing to deal with any problems that may arise. Lack of technical knowledge can greatly interfere with your learning a new subject. If you do not have these skills, consider taking a short computer course prior to enrolling in a course.

- Get your password and login to your class before the semester begins (if available)
- Attach files to email messages
- Compose written documents in a Word processor such as Microsoft Word
- Word processing tasks (type, cut, paste, copy, name, save, rename, etc.)
- Download information from the Internet
- Use of a Web browser
- Completing online forms
- Backup your files
- Install and maintain anti-virus and other software

Students are expected to be comfortable accessing the course site and downloading files such as Microsoft Office documents, YouTube videos, and PDFs. In addition, students should be able to use Microsoft Office to compose written documents.
Submitting Work
Make sure you submit coursework according to the directions provided in the course. Here are general guidelines for assignment submission:

- Submit homework assignments in WebAssign before the deadlines.
- Complete the midterm exam
- Complete the final exam
- Do not email coursework unless you have received prior approval from your instructor.

Meeting Deadlines
Assignments are due by **11:55 pm, Eastern Time** on the day specified unless otherwise stated.

Plan ahead for the unexpected! You are accountable for staying on schedule should technological or other problems arise. You should immediately contact the instructor if an emergency may affect your ability to meet course deadlines.

Many students juggle school, work, family, and other life responsibilities all at the same time. If a serious life issue prevents you from staying current in your coursework, contact your instructor as soon as possible to explain your circumstances. Do not let school or life responsibilities overwhelm you. The faculty and staff at Clemson are aware that students face challenges, and we are committed to your success. Often, we may be able to help you see a way to deal with your circumstances and still complete your courses. We have a lot of experience. Give us the chance to help you.

Learning
What matters most in any course is what you actually learn. This course allows you many different ways to learn, such as reading your textbook, following the hands-on practice in your assignments, communicating with your classmates and your instructor, and discovering other resources across the Internet. If you actively participate in your course, you will get constructive feedback to help you with your learning. Stay active in your course and focused on your learning to get the most out of it.

Changes
Occasionally, circumstances require the instructor to change the syllabus. Should the instructor find a change necessary, you will be notified as soon as possible. You might print this syllabus for ready referral.

Agreement
If you disagree with any of the policies or procedures spelled out above or cannot accept the demands of the course (i.e., the amount of time and work required), you need to drop the
course as soon as possible. By staying in the course, you agree to comply with all the policies and procedures described in this syllabus.

Reminder
Your instructor should be your first point of contact and support for any questions or concerns you have about this course.

General Policies & Procedures
Students are expected to adhere to all policies and procedure outlined by Clemson University at: University Policies: http://www.clemson.edu/administration/student-affairs/student-handbook/universitypolicies/index.html.

Academic Integrity
Coursework must be documented appropriately in CSE or APA format, based on your major. Content from previous classes may not be submitted.

The Clemson University Academic Integrity Statement
As members of the Clemson University community, we have inherited Thomas Green Clemson’s vision of this institution as a “high seminary of learning.” Fundamental to this vision is a mutual commitment to truthfulness, honor, and responsibility, without which we cannot earn the trust and respect of others. Furthermore, we recognize that academic dishonesty detracts from the value of a Clemson degree. Therefore, we shall not tolerate lying, cheating, or stealing in any form.

A simple definition of plagiarism is when someone presents another person’s words, visuals, or ideas as his or her own. The instructor will deal with plagiarism on a case-by-case basis. The most serious offense within this category occurs when a student copies text from the Internet or from a collective file. This type of academic dishonesty is a serious offense that will result in a failing grade for the course as well as the filing of a formal report to the University.

See the Undergraduate Academic Integrity Policy website for additional information about academic integrity and Clemson procedures and policies regarding scholastic dishonesty.

Email Communication
Because of privacy regulations, University faculty and staff may email students only through Clemson email. Therefore, you must use your Clemson email account in this course for all email communications. Check your Clemson account at least three times per week for important messages.
Student Disability Services
Student Disability Services coordinates the provision of accommodations for students with disabilities in compliance with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990.

Reasonable and specific accommodations are developed with each student based on current documentation from an appropriate licensed professional. All accommodations are individualized, flexible, and confidential based on the nature of the disability and the academic environment. Housing accommodations for a disability or medical condition are also coordinated through this office.

Students with disabilities requesting accommodations should make an appointment with Dr. Margaret Camp (656-6848), Director of Disability Services, to discuss specific needs within the first month of classes. Students should present a Faculty Accommodation Letter from Student Disability Services when they meet with instructors. Accommodations are not retroactive and new Faculty Accommodation Letters must be presented each semester. Visit the Student Disability Services website for location, contact information, as well as official policies and procedures. To learn more information or request accommodations contact Student Disability Services (SDS) at sds-l@clemson.edu or 864.656.6848 or visit SDS’s website: http://www.clemson.edu/campus-life/campus-services/sds/about.html.

Academic Support Services
Students may access a variety of academic support services to support your learning in the classroom. Here are links to services available:

- Academic Success Center http://www.clemson.edu/asc/staff.html
- The Writing Center http://www.clemson.edu/centers-institutes/writing/
- Online Library Resources http://www.clemson.edu/library/
- CCIT (Tech Support) http://www.clemson.edu/ccit/help_support/ or CCIT (Tech Support) email: ithelp@clemson.edu
- Academic Advising http://www.clemson.edu/academics/advising/index.html
- Registrar http://www.registrar.clemson.edu/html/indexStudents.htm

Accessibility
Clemson University values the diversity of our student body as a strength and a critical component of our dynamic community. Students with disabilities or temporary injuries/conditions may require accommodations due to barriers in the structure of facilities, course design, technology used for curricular purposes, or other campus resources. Students who experience a barrier to full access to this class should let the professor know, and make an appointment to meet with a staff member in Student Accessibility Services as soon as possible. You can make an appointment by calling 864-656-6848, by emailing studentaccess@lists.clemson.edu, or by visiting Suite 239 in the Academic Success Center building. Appointments are strongly encouraged – drop-ins will be seen if at all possible, but there could be a significant wait due to scheduled appointments. Students who receive Academic Access Letters are strongly encouraged to request, obtain and present these to their
professors as early in the semester as possible so that accommodations can be made in a timely manner. It is the student’s responsibility to follow this process each semester. You can access further information here: http://www.clemson.edu/campus-life/campus-services/sds/

The Clemson University Title IX (Sexual Harassment) Statement:
Clemson University is committed to a policy of equal opportunity for all persons and does not discriminate on the basis of race, color, religion, sex, sexual orientation, gender, pregnancy, national origin, age, disability, veteran’s status, genetic information or protected activity (e.g., opposition to prohibited discrimination or participation in any complaint process, etc.) in employment, educational programs and activities, admissions and financial aid. This includes a prohibition against sexual harassment and sexual violence as mandated by Title IX of the Education Amendments of 1972. To locate information on the Title IX policy, visit http://www.clemson.edu/campus-life/campus-services/access/title-ix/. Mr. Jerry Knighton is the Clemson University Title IX Coordinator, and is also the Director of Access and Equity. His office is located at 111 Holtzendorff Hall, 864.656.3181 (voice) or 864.565.0899 (TDD).

Inclement Weather Statement:
Any exam that was scheduled at the time of a class cancellation due to inclement weather will be given at the next class meeting unless contacted by the instructor. Any assignments due at the time of a class cancellation due to inclement weather will be due at the next class meeting unless contacted by the instructor. Any extension or postponement of assignments or exams must be granted by the instructor via email or Canvas within 24 hours of the weather related cancellation.

University officials monitor local weather conditions before making decisions to cancel classes, close offices or delay openings. For updates on the status of Clemson classes and office closings:
- Check the Clemson University homepage (http://www.clemson.edu/) for messages about closings or delays;
- Check the CU Safety page (http://www.clemson.edu/cusafety/) for detailed messages and weather advisories;
- Check your Clemson University e-mail for CU Safe Alerts or Inside Clemson messages;
- Check your cell phone if you have signed up to receive CU Safe Alert text messages (See the CU Safety page for sign-up instructions);
- Call the Clemson University switchboard at 656-3311 for recorded updates between 8 p.m. and 8 a.m. Monday-Friday and on weekends (recorded messages provide closure information, not weather forecasts); and
- Tune in to local TV and radio stations or log on to their Web sites.

- When local county government offices are closed, local Clemson University campuses also are closed.

Copyright Notice
The materials found in this course are strictly for the use of students enrolled in this course and for purposes associated with this course; they may not be retained or further disseminated.
Clemson students, faculty, and staff are expected to comply fully with institutional copyright policy as well as all other copyright laws.

**Important Dates**

January 24: Last day to drop a class or withdraw from the University without a W grade
March 16: Last day to drop a class or withdraw from the University without final grades

Exam dates
Midterm exam-1: Thursday, February 8th from 7:00 pm to 8:00 pm.
Midterm exam-2: Thursday, March 8th from 7:00 pm to 8:00 pm
Midterm exam-1: Thursday, April 19th from 7:00 pm to 8:00 pm
Final Exam: Wednesday, May 2nd from 7:00 pm until 9:30pm