

# BIOL 1441: Cell and Molecular Biology Laboratory – Fall 2016

## Time and Place of Class Meetings

- Labs will be held in LS 201, 205, and 207
- Check MyMav for the exact room number, time, and day of your section.

## Important Dates

- First day of labs: September 12<sup>th</sup>
- Census date: September 12<sup>th</sup>. Drops/withdrawals after this must be completed by an academic advisor
- Last day to drop a class with a “W”: November 2<sup>nd</sup>
- Last day of labs: December 1<sup>st</sup>

**Lab Coordinator:** Rachel Wostl

Email Address: rlwostl@uta.edu

Office: LS236

Office hours: T/W 2-3p

## Lab Instructors\*

Instructor	e-mail
Shreya Bhagavatula	shreya.bhagavatula@mavs.uta.edu
Taryn Flink	taryn.flink@uta.edu
Aruna Govindaraju	aruna@uta.edu
Robert Grinshpon	robert.grinshpon@uta.edu
Ishanka Hemachandra	ishankadayangi.hemachandra@mavs.uta.edu
Marquerite Herzog	marquerite.herzog@uta.edu
Justin Jacobs	justin.jacobs2@mavs.uta.edu
Murshida Mahbub	murshida@uta.edu
Diana Pham	pham.ngoc@mavs.uta.edu
Monika Pradhan	mpradhan@uta.edu
Balan Ramesh	balan.ramesh@mavs.uta.edu
Fatema Ruma	fatemabegum.ruma@mavs.uta.edu
Sadananda Silwal	ssilwal@uta.edu
Goutam Sarker	gsarker@uta.edu
Suman Shrestha	suman.shrestha2@mavs.uta.edu
Huy Ho Le Vo	huy.vo@mavs.uta.edu

**\*Lab instructors will provide contact information and office hours independently of this syllabus.**

## Description of Course Content

The first of a two-part introductory biology sequence, this course focuses on the chemical and molecular basis of life, including metabolism, cell structure and function, and genetics. Laboratory experiments are designed to complement topics presented in lecture.

Note: Modern Biology is an integrative discipline, incorporating elements of mathematics, chemistry, computer science, and writing. We expect that you have at least a basic understanding of each of these elements since you will be drawing on each for your experimental designs and report writing.

**This course satisfies the University of Texas at Arlington core curriculum requirement in life and physical sciences.** The italicized student learning outcomes required of core courses below will be assessed for each student in the laboratory portion of the course. The lab report will be assessed to determine how a student has mastered critical thinking, communication, and empirical and quantitative skills. A teamwork assessment (peer evaluation) will be completed by each student in lab to determine how students work together in lab groups to achieve the student learning outcomes described below.

### **Student Learning Outcomes**

- *Critical Thinking Skills*: creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information;
- *Communication Skills*: effective development, interpretation and expression of ideas through written, oral and visual communication;
- *Empirical and Quantitative Skills*: the manipulation and analysis of numerical data or observable facts resulting in informed conclusions; and
- *Teamwork*: the ability to consider different points of view and to work effectively with others to support a shared purpose or goal.

### **Expectations**

Attend every lab and participate in experiments and exercises. Show up prepared by reading the upcoming laboratory exercise, completing the prelab where applicable, and reviewing the previous lab. Turn in all assignments on time in the required manner and format. Failure to do so will result in a reduced course grade.

In addition, it is expected that all students will:

1. Be respectful your lab instructor, undergraduate TAs, and peers at all times. Behavior that is rude, aggressive, or inappropriate will be reported immediately to the Laboratory Coordinator and may be referred to the Associate Chair of Biology. Your instructor reserves the right to ask you to leave class and such behavior may affect your grade.
2. Turn off and put away all electronic devices during class. Cell phones will NOT be permitted in class at any time. Your instructor reserves the right to dismiss you from class for having a cell phone out. Missed assignments/quizzes cannot be made up.
3. Be attentive to the information and instructions that your instructor provides.
4. Abide by all rules and regulations regarding safety conduct in the lab. This includes wearing proper attire (long pants, long shirts, closed-toe shoes) and safety equipment (goggles, gloves) as instructed. Failure to do so will result in dismissal from lab for the day and may affect your grade.
5. Place all belongings such as bags, coats, and electronic devices in the coat area upon arrival to lab
6. By enrolling as a student at UTA, you have agreed to abide by the University's Honor code. Ultimately, it is your responsibility to ensure that you abide by this promise and uphold the integrity of UTA. If you are unsure if your assignment contains plagiarism, it is your responsibility to meet with your instructor to get help prior to submitting the assignment.
7. Check your mavmail regularly (at least once a day) for communications from your instructor.
8. Your education is your responsibility. The best way to get the grades that you desire and to achieve success in the course is to work hard, study, and dedicate time to learning the material and developing strong scientific writing skills.

## Required Textbook and Other Course Materials

### TEXTBOOK

*Biology 1441 Cell and Molecular Biology Laboratory Manual*

This manual is available for purchase ONLY THROUGH A REPRESENTATIVE OF PHI SIGMA (Locations/times TBA). The manual cannot be bought through the bookstore or online.

### MATERIALS

Goggles. Goggles may be purchased from a Phi Sigma representative. Chemistry or microbiology goggles are acceptable. Wearing eyeglasses in place of goggles is not allowed.

Laptops [*recommended*]. Students will benefit from having a laptop with Microsoft Office and internet access for labs that require data analysis.

### SUPPLEMENTARY COURSE MATERIALS

Additional materials can be accessed through blackboard. It is your responsibility to check Blackboard regularly for materials. Your instructor will use Blackboard to communicate information related to the course. You are required to use Blackboard for this course.

## Grading Policy

1441 is a four-credit class that includes a lecture and a laboratory. For grading purposes, the lecture comprises 2/3 of your grade while other 1/3 is your lab grade. Therefore, you can multiply your final lecture grade by 0.66 and your lab grade by 0.33 and add them together to get your complete course grade.

- You are not permitted to drop either the lecture OR laboratory. Drops and withdrawals will be applied to both.
- Group work does not mean that one person does the assignment and everyone gets the grade. If your instructor feels confident that you did not participate in a group assignment, you will receive a reduced grade or a grade of 0.
- Evidence of collusion on individual assignments will result in a grade of 0 for both parties.
- The lowest assessment grade (quiz or prelab) and lowest individual assignment (NOT the lab report) will be dropped. This will be programmed into Blackboard and will be reflected in your lab grade the entire semester.
- Students have *one week* from the time a grade is posted on Blackboard to dispute the grade. Grades cannot be contested after this deadline has passed.
- Course policy prohibits extra credit in any form.

Your laboratory grade will be determined as follows:

25% Final Exam  
25% Lab Report *To be completed individually*  
20% Individual Assignments  
10% Assessments (quizzes and prelabs)  
10% Group Assignments  
10% Group Presentation

<u>Assignments</u>	<u>Number</u>
Quizzes	5
Prelabs	3
Group Assignments	3
Individual Assignments	4
Lab Report	1
Group Presentation	1
Final Exam	1

See the schedule for due dates. Your instructor will provide section specific dates.

## Attendance Policy

At The University of Texas at Arlington, taking attendance is not required. Rather, each faculty member is free to develop his or her own methods of evaluating students' academic performance, which includes establishing course-specific policies on attendance. In regards to the BIOL 1441 lab, in which you are enrolled:

1. Attendance is mandatory. You will be required to sign in at the beginning of class.
2. You **MUST** attend the section that you are enrolled in. You will not be given credit for work completed in a section you did not receive approval to attend.
3. Students who are more than 15 minutes late to class will be considered absent.
4. On days when safety gear is required, students without the appropriate apparel will be required to leave class and will be counted as absent. You will not be allowed to first take a quiz or submit a prelab if they are given/collected that day.
5. *There will be no make-up labs or assignments to take the place of missed lab exercises.* You must be present to conduct the experiment and gather data. If you have an unexcused absence on the day that an assignment is completed in class, you will receive a grade of 0. Results assignments, the lab report and presentation can be completed with an unexcused absence for the day the experiment is conducted, but will receive a 10% grade reduction. For example, if you are absent for the second week of Photosynthesis, your lab report grade will be reduced by 10%. No grade penalty is administered for excused absences.
6. If you must miss a lab, contact your instructor **prior to** the absence. You will be permitted to attend a different lab section ONE time per semester/session with a legitimate, **documented** excuse (e.g., medical, death in the immediate family, illness of a family member for which you are the primary care provider). **No absence will be considered excused without appropriate documentation regardless of cause.** Conflicts with work will not be considered excused. Absences due to a planned trip will not be excused. Extreme circumstances will be considered on a case-by-case basis and will be subject to review by the Lab Coordinator.
7. If you are **unable** to contact your instructor prior to missing class (due to sickness, accident, etc.), you must notify him/her of the cause of the absence within 24 hours of the missed lab. Absences brought to attention after this time will not be considered excused regardless of reason or documentation.
8. Should you receive permission to attend a different lab section, all assignments are still due by the original date/time stated by your instructor/listed in the manual/syllabus. For example, if your section meets on Tuesday at 9am, and you are given permission to attend a section meeting on Thursday at 11, an assignment due the following week is still due Tuesday at 9am *unless otherwise indicated by your instructor or the Lab Coordinator, as determined on a case-by-case basis.*
9. If you missed a lab with an **excused** absence and are unable to attend a different lab that week, make-up assignments are due by the original due date or the date established by your instructor or Lab Coordinator. Contact your instructor for information on missed assessments and instructions on turning in assignments. Group work from exercises missed with an excused absence must be made up individually.
10. A make-up quiz must be taken, and missed prelabs turned in, within 1 week of the excused absence. **It is your responsibility to contact your instructor to see if a quiz was administered or a prelab was collected in your section.**
11. Documentation of an excused absence **MUST** be provided to your instructor by the following week's lab. If you do not provide documentation, you will not be given credit for any make-up work and absence related grade penalties will be applied to assignments.
12. If you do not receive approval from your instructor or the Lab Coordinator to miss a lab, you will not be given the opportunity to make-up quizzes or turn-in prelabs, proposals, or in class assignments and will receive a grade reduction on other lab-associated assignments (see #6)

## Assignment Submission Policies

1. You must follow submission instructions to receive full credit.
2. Submissions to Blackboard are due before the start of class, with the exception of those due by the end of class the day they are assigned.
3. Late assignments will be accepted up to 3 days (72 hours) past the due date/time. A grade reduction of 10% will be applied for each day that an assignment is late. Assignments will not be accepted once the 3 day grace period has expired. There is no grace period for quizzes, prelabs, group proposals, assignments due in class, or for your presentation.
4. Assignments submitted after the due date/grace period, or those incorrectly submitted, will not be accepted and will receive a grade of 0.
5. Assignments must be submitted to Blackboard as a Microsoft Word document (.doc or .docx) or PDF (.pdf). Other file type submissions will not be graded and will receive a 0.
6. It is your responsibility to submit all assignments correctly and on time. Except in the case of documented technical difficulties with Blackboard, **you will not be given extra time to submit electronic assignments in the case of computer-related issues**. Assignment submissions with documented technical difficulties must still be submitted before the end of the grace period. Don't wait until the last minute to submit assignments! Plan to submit all electronic assignments *at least a day before* they are due.
7. If you experience technical difficulty submitting an assignment to Blackboard, it is your responsibility to contact your lab instructor and provide verification of the difficulty and your completed assignment BEFORE the assignment is due. **You are responsible for ensuring that your assignment was submitted correctly**. Your instructor will not make any allowances for technical difficulties if they are notified after the deadline.
8. It is recommended that you take a screen shot of successful electronic submissions. Complaints of missing submitted assignments will not be considered without documentation. This requirement also applies to failed submission attempts due to technological difficulties. Documentation is required.
9. Do not turn in work that has been completed and submitted for a different class or assignment, you will be reported to student conduct.
10. Do not submit assignments via email. They will not be accepted.
11. Submissions through Blackboard are considered final. Requests to clear submission attempts will not be considered, except in cases where technological difficulties can be proved.

## Scientific Writing and Results Assignments

Scientific writing is a vital component of this laboratory course. The laboratory report alone is worth 25% of your grade. Plan to dedicate significant time to developing your writing skills over the course of the semester/session.

1. All assignments (lab reports, results assignments) unless otherwise specified must be submitted through SafeAssign. An assignment that is not submitted through SafeAssign will not be accepted and will receive a grade of zero.
2. You must follow your instructor's submission instructions to receive credit for your assignment.
3. Plagiarized papers and assignments will receive a reduced grade or a grade of 0, and will be reported to the Office of Student Conduct.
4. Individual Assignments MUST be completed individually. Evidence of collaboration with other students will be treated as cheating.

## Quizzes

With the exception of the Academic Integrity quiz, quizzes will be given at the start of lab. There is no set schedule for in class quizzes. Quizzes administered in class will cover material for the current lab through its prelab, as well as all material covered in previous labs (prelabs, protocols, follow-up questions). Question format will be short answer, fill-ins, and definitions. Plan to spend time studying for these quizzes. Quizzes will be given at the start of lab. If you arrive late (i.e., after the quiz has been handed out), you will not be allowed to take the quiz. Make-up quizzes will not be given in the case of unexcused absence or tardiness.

## Prelabs and Follow-up Questions

Prelab assignments and the Follow-up Questions that appear in the laboratory exercises are meant to help you learn the material. It is very important that you complete these assignments. Prelabs are to be completed individually **prior** to lab. If collected, it will always be at the start of class. Late prelabs will not be accepted. A prelab is considered late after it has been collected by the instructor.

## Academic Integrity

It is the philosophy of The University of Texas at Arlington that academic dishonesty is a completely unacceptable and will not be tolerated in any form. All persons involved in academic dishonesty will be disciplined in accordance with University regulations and procedures. Discipline may include suspension or expulsion from the University. According to the UT System Regents' Rule 50101, §2.2

Scholastic dishonesty includes but is not limited to cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts.

**CHEATING IN ANY FORM WILL NOT BE TOLERATED. IF YOU ARE CAUGHT, YOU WILL NOT RECEIVE CREDIT FOR THAT ASSIGNMENT AND MAY BE DISMISSED FROM LAB. ALL CASES OF PLAGIARISM WILL BE REFERRED TO THE OFFICE OF STUDENT CONDUCT WITHOUT EXCEPTION.**

## E-mail Communication Policy

Your instructor will make every effort to respond to your inquiry within a reasonable time, no longer than 24 hours. Do not email your instructor at the last minute expecting help with an assignment. Plan ahead!

Before sending an email, ask yourself the following questions:

1. *Is this email professional, polite, and detailed?* If you would not speak those words to the President of the University, do not send them in an email to your instructor. Rude or aggressive emails will be reported to the Laboratory Coordinator and possibly to the Associate Chair of the department. Threatening emails will be reported to campus police.
2. *Can I find this information in my syllabus or on Blackboard?* Check available resources BEFORE emailing your instructor. Your instructor will not respond to emails regarding policies or dates that are set forth in the syllabus or on Blackboard.
3. *Was this information made available during a lab I missed?* If so, it is your responsibility to ask a classmate.
4. *Do I need to discuss my grades?* University policy prohibits discussion of grades over email. Make an appointment or see your instructor during office hours.
5. *Do I need help with an assignment?* Email is NOT intended to take the place of meeting with your instructor during office hours. If you need help with an assignment, attend office hours or make an appointment with your instructor.

## **Conflict Resolution**

If you are experiencing an issue in lab, you should **first** arrange a meeting with your instructor. After you have met with your instructor and if the issue remains unresolved, you may then consult the Laboratory Coordinator. If the issue still requires attention, you may then consult the Associate Chair of the Department of Biology, Dr. Laura Mydlarz. None of the listed personnel will discuss the issue with you until you have first consulted all of those preceding him/her. The associate chair has final authority regarding any issue short of a filing a formal complaint with the University.

## **Drop Policy**

Students may drop and swap (adding and dropping a class concurrently) classes through self-service in MyMav from the beginning of the registration period through the late registration period. After the late registration period, students must see their academic advisor to drop a class or withdraw. Undeclared students must see an advisor in the University Advising Center. Drops can continue through a point two-thirds of the way through the term or session. It is the student's responsibility to officially withdraw if they do not plan to attend after registering. **Students will not be automatically dropped for non-attendance.** Repayment of certain types of financial aid administered through the University may be required as the result of dropping classes or withdrawing. Contact the Financial Aid Office for more information.

## **Americans with Disabilities Act**

The University of Texas at Arlington is on record as being committed to both the spirit and letter of all federal equal opportunity legislation, including the *Americans with Disabilities Act (ADA)*. All instructors at UT Arlington are required by law to provide "reasonable accommodations" to students with disabilities, so as not to discriminate on the basis of that disability.

Any student requiring an accommodation for this course must provide the instructor with official documentation in the form of a letter certified by the staff in the Office for Students with Disabilities, University Hall 102. In order to receive accommodation, students must present this letter to their instructor or the Laboratory Coordinator ***by the end of the second week of labs, and prior to any assignments, quizzes or activities that require accommodation.*** Students wishing to take a test in the Adaptive Resource Center must provide their instructor with the required paperwork at least one week prior to the test date. Requests made a few in advance cannot be accommodated.

Only those students who have officially documented a need for an accommodation will have their request honored. Information regarding diagnostic criteria and policies for obtaining disability-based academic accommodations can be found at [www.uta.edu/disability](http://www.uta.edu/disability) or by calling the Office for Students with Disabilities at (817) 272-3364.

## **Title IX**

The University of Texas at Arlington is committed to maintaining a learning and working environment that is free from discrimination based on sex in accordance with Title IX of the Higher Education Amendments of 1972 (Title IX), which prohibits discrimination on the basis of sex in educational programs or activities; Title VII of the Civil Rights Act of 1964 (Title VII), which prohibits sex discrimination in employment; and the Campus Sexual Violence Elimination Act (SaVE Act). Sexual misconduct is a form of sex discrimination and will not be tolerated. *For information regarding Title IX, visit [www.uta.edu/titleIX](http://www.uta.edu/titleIX) or contact Ms. Jean Hood, Vice President and Title IX Coordinator at (817) 272-7091 or [jmhood@uta.edu](mailto:jmhood@uta.edu).*

## **Student Support Services Available**

UT Arlington provides a variety of resources and programs designed to help students develop academic skills, deal with personal situations, and better understand concepts and information related to their courses. Resources include tutoring, major-based learning centers, developmental education, advising and mentoring, personal counseling, and federally funded programs. For individualized referrals, students may visit the reception desk at University College (Ransom Hall), call the Maverick Resource Hotline at 817-272-6107, send a message to [resources@uta.edu](mailto:resources@uta.edu), or view the information at [www.uta.edu/resources](http://www.uta.edu/resources).

## **Electronic Communication Policy**

The University of Texas at Arlington has adopted the University “MavMail” address as the sole official means of communication with students. MavMail is used to remind students of important deadlines, advertise events and activities, and permit the University to conduct official transactions exclusively by electronic means. For example, important information concerning registration, financial aid, payment of bills, and graduation are now sent to students through the MavMail system. All students are assigned a MavMail account. *Students are responsible for checking their MavMail regularly.* Information about activating and using MavMail is available at <http://www.uta.edu/oit/email/>. There is no additional charge to students for using this account, and it remains active even after they graduate from UT Arlington.

## **Campus Carry**

Effective August 1, 2016, the Campus Carry law (Senate Bill 11) allows those licensed individuals to carry a concealed handgun in buildings on public university campuses, except in locations the University establishes as prohibited. Under the new law, openly carrying handguns is not allowed on college campuses. For more information, visit <http://www.uta.edu/news/info/campus-carry/>

## **Student Feedback Survey**

At the end of each term, students enrolled in classes categorized as “lecture,” “seminar,” or “laboratory” shall be directed to complete an online Student Feedback Survey (SFS). Instructions on how to access the SFS for this course will be sent directly to each student through MavMail approximately 10 days before the end of the term. Each student’s feedback enters the SFS database anonymously and is aggregated with that of other students enrolled in the course. UT Arlington’s effort to solicit, gather, tabulate, and publish student feedback is required by state law; students are strongly urged to participate. For more information, visit <http://www.uta.edu/sfs>.

## **Final Review Week**

A period of five class days prior to the first day of final examinations in the long sessions shall be designated as Final Review Week. The purpose of this week is to allow students sufficient time to prepare for final examinations. During this week, there shall be no scheduled activities such as required field trips or performances; and no instructor shall assign any themes, research problems or exercises of similar scope that have a completion date during or following this week unless specified in the class syllabus. During Final Review Week, an instructor shall not give any examinations constituting 10% or more of the final grade, except makeup tests and laboratory examinations. In addition, no instructor shall give any portion of the final examination during Final Review Week. During this week, classes are held as scheduled. In addition, instructors are not required to limit content to topics that have been previously covered; they may introduce new concepts as appropriate.



## **Emergency Exit Procedures**

Should we experience an emergency event that requires us to vacate the building, students should exit the room and move toward the nearest exit, which can be found by exiting the classroom and turning left (rooms 207 and 205) or turning right (rooms 200 or 201) and exiting the building via the stairs. When exiting the building during an emergency, one should never take an elevator but should use the stairwells. Faculty members and instructional staff will assist students in selecting the safest route for evacuation and will make arrangements to assist individuals with disabilities.

## **Lab Safety Information**

The following safety rules will be enforced at all times.

1. Safety attire consists of long pants that cover the ankle, shirts that come to the pant line, shoes that cover the toes and the top of the foot, and safety goggles.
2. Failure to wear safety attire on a safety day (goggles, long pants or shirt, and/or close toed shoes) WILL result in dismissal from lab. Failure to comply with or follow safety procedures (e.g., proper waste disposal) may result in dismissal from class.
3. There is absolutely no food, drink, gum, cosmetics permitted in the lab at any time.
4. All personal materials, other than your lab manual and a pen/pencil (or other materials required for that day's lab) must be stowed in the designated area. This includes all bags, coats, electronic devices, and other personal belongings.
5. Electronic devices are prohibited during lab and must be turned off and stowed with your belongings. Using electronic devices during lab may result in your dismissal from lab that day and will affect your grade. If you have an extenuating circumstance during lab one day (e.g., sick child) notify your instructor prior to the start of lab that you need to have your phone.

## **Mandatory University Online Safety Training**

Students registered for this course must complete all required lab safety training prior to entering the lab and undertaking any activities. Once completed, Lab Safety Training is valid for the remainder of the same academic year (i.e., through the following August) and must be completed anew in subsequent years. There are no exceptions to this University policy. Failure to complete the required training will preclude participation in any lab activities, including those for which a grade is assigned.







### Lab Safety Training Course Instructions

1. Use Mozilla Firefox 3.0 as your web browser: <https://www.mozilla.org/en-US/firefox/new/>
2. Login to Blackboard at <https://elearn.uta.edu> with your NetID and password
3. Under My Blackboard tab, click Lab Safety Training  
Note: Tab will be present if training is required
4. Click Welcome from the left pane to start and follow the instructions

You **MUST** complete this training. **Students who have not completed the training by the third week of lab will be unable to attend lab and may be dropped from the lab (and consequently the lecture).**

*General questions about the Lab Safety Training, including content should be directed to the Office of Environmental Health and Safety at (817) 272-2185 or [ehsafety@uta.edu](mailto:ehsafety@uta.edu)*

## BIOL 1441 Fall 2016 - Lab Schedule

Week	Start Date (week of)	Activity	Assignment(s) Due*	Safety?
1	12-Sep	Lab 1: The Scientific Method	Hand-eye Worksheet	
2	19- Sep	Lab 2: Data Analysis and Presentation Scientific Writing		
3	26- Sep	Lab 3: Photosynthesis and Respiration–Part 1	Hand-eye Results	
			Group Proposal 1	
4	3-Oct	Lab 4: Photosynthesis and Respiration–Part 2	Academic Integrity Quiz	
5	10-Oct	Lab 5: Microscopes Collaborative Scientific Writing Improvement	Report Draft	
6	17-Oct	Lab 6: Osmosis and Diffusion	Lab Report Writing Improv. WS	
7	24-Oct	Lab 7: Macromolecules	Osmosis Results	
			Group Proposal 2	
8	31- Oct	Lab 8: Enzymes Introduction to Scientific Presentations		
9	7-Nov	Lab 9: Separating and Analyzing DNA Fragments using Gel Electrophoresis		
10	14-Nov	Group Presentations Team critique	Electrophoresis Results Power Point	
11	21-Nov	<i>Thanksgiving Holiday – No Labs!</i>		
12	28-Nov	Final Exams		

\*Your instructor will provide section specific due dates.



Goggles indicate that you must wear long pants and closed-toe shoes, and goggles to participate in lab that day. Students without safety attire will be dismissed from class.