SPRING 2022 Department of Physics & Astronomy, UGA PHYS 1112 Introductory Physics - Electricity and Magnetism, Optics (as of Jan. 10/2022)

Course	The continuation of Introductory Physics. Electricity and electric circuits, magnetism,				
Description:	geometric and wave optics.				
Athena Title:	INTRO PHYS ELEC				
Pre or Corequisite:	PHYS 1111-1111L or PHYS 1211-1211L				
Grading System:	A-F (Traditional)				
Instructor:	Dr. Andrei Galiautdinov				
Preferred method of	In-class and during office hours				
communication:	in-class and during office nours				
Office:	Physics 220 (Phone: 706-583-8224)				
Emailing Policy:					
Emaning Foncy.	Before emailing, make sure you read and understood this syllabus in its entirety. I will not respond to your inquiry if the question you are asking had already been answered here. ag1@uga.edu				
Sections:	27150 12:45pm – 02:00pm (Physics Auditorium Rm. 202, Tue/Th)				
~	45173 02:20pm – 03:35pm (Physics Auditorium Rm. 202, Tue/Th)				
Office hours:	03:35pm – 04:35pm (Tue/Th)				
Text:	James S. Walker, <i>Physics</i> , Chapters 19 – 28, 5 th Edition, any other edition is OK (Pearson				
	Addison-Wesley)				
Clickers:	None				
Academic Honesty:	As a University of Georgia student, you have agreed to abide by the University's academic				
Academic Honesty.	honesty policy, "A Culture of Honesty," and the Student Honor Code. All academic work mus				
	meet the standards described in "A Culture of Honesty" found at: <u>www.uga.edu/honesty</u> . Lack o				
	knowledge of the academic honesty policy is not a reasonable explanation for a violation				
	Questions related to course assignments and the academic honesty policy should be directed to				
	the instructor.				
In-class rules:	 No laptops, cellphones, iPads, iPods, or any other electronic/communication devices are 				
m-class rules.	permitted in the classroom (with the exception of the tools needed for the DRC				
	accommodation).				
	> If you are late for class, you must enter in the back of the room				
Attendence	If you are late for class, you must enter in the back of the room. Strongly advised				
Attendance:	Strongly advised				
	 Strongly advised Labs are completely independent of the Lectures 				
	 Strongly advised Labs are completely independent of the Lectures All inquiries related to Labs should be directed to either your respective lab TAs, or our Lab 				
Labs:	 Strongly advised Labs are completely independent of the Lectures All inquiries related to Labs should be directed to either your respective lab TAs, or our Lab Coordinator, Mr. Tom Barnello, at: tjbar@uga.edu 706-542-2903, Rm. 310 				
Labs: Lab syllabus:	 Strongly advised Labs are completely independent of the Lectures All inquiries related to Labs should be directed to either your respective lab TAs, or our Lab Coordinator, Mr. Tom Barnello, at: tjbar@uga.edu 706-542-2903, Rm. 310 Can be found here: http://www.physast.uga.edu/courses 				
Labs:	 Strongly advised Labs are completely independent of the Lectures All inquiries related to Labs should be directed to either your respective lab TAs, or our Lab Coordinator, Mr. Tom Barnello, at: tjbar@uga.edu 706-542-2903, Rm. 310 Can be found here: http://www.physast.uga.edu/courses There will be three (3) in-class closed book closed notes midterm exams on selected 				
Labs: Lab syllabus:	 Strongly advised Labs are completely independent of the Lectures All inquiries related to Labs should be directed to either your respective lab TAs, or our Lab Coordinator, Mr. Tom Barnello, at: tjbar@uga.edu 706-542-2903, Rm. 310 Can be found here: http://www.physast.uga.edu/courses There will be three (3) in-class closed book closed notes midterm exams on selected chapters, and one (1) on-line cumulative mass final exam. 				
Labs: Lab syllabus:	 Strongly advised Labs are completely independent of the Lectures All inquiries related to Labs should be directed to either your respective lab TAs, or our Lab Coordinator, Mr. Tom Barnello, at: tjbar@uga.edu 706-542-2903, Rm. 310 Can be found here: http://www.physast.uga.edu/courses There will be three (3) in-class closed book closed notes midterm exams on selected chapters, and one (1) on-line cumulative mass final exam. No make-ups or re-scheduling permitted. 				
Labs: Lab syllabus: Exams:	 Strongly advised Labs are completely independent of the Lectures All inquiries related to Labs should be directed to either your respective lab TAs, or our Lab Coordinator, Mr. Tom Barnello, at: tjbar@uga.edu 706-542-2903, Rm. 310 Can be found here: http://www.physast.uga.edu/courses There will be three (3) in-class closed book closed notes midterm exams on selected chapters, and one (1) on-line cumulative mass final exam. No make-ups or re-scheduling permitted. Must be taken with the section you are registered for. 				
Labs: Lab syllabus:	 Strongly advised Labs are completely independent of the Lectures All inquiries related to Labs should be directed to either your respective lab TAs, or our Lab Coordinator, Mr. Tom Barnello, at: tjbar@uga.edu 706-542-2903, Rm. 310 Can be found here: http://www.physast.uga.edu/courses There will be three (3) in-class closed book closed notes midterm exams on selected chapters, and one (1) on-line cumulative mass final exam. No make-ups or re-scheduling permitted. Must be taken with the section you are registered for. You are allowed to create and bring with you your own single page formula sheet (8.5 in. × 				
Labs: Lab syllabus: Exams:	 Strongly advised Labs are completely independent of the Lectures All inquiries related to Labs should be directed to either your respective lab TAs, or our Lab Coordinator, Mr. Tom Barnello, at: tjbar@uga.edu 706-542-2903, Rm. 310 Can be found here: http://www.physast.uga.edu/courses There will be three (3) in-class closed book closed notes midterm exams on selected chapters, and one (1) on-line cumulative mass final exam. No make-ups or re-scheduling permitted. Must be taken with the section you are registered for. You are allowed to create and bring with you your own single page formula sheet (8.5 in. × 11 in.) containing any information you want, all handwritten. You may only write on one 				
Labs: Lab syllabus: Exams:	 Strongly advised Labs are completely independent of the Lectures All inquiries related to Labs should be directed to either your respective lab TAs, or our Lab Coordinator, Mr. Tom Barnello, at: tjbar@uga.edu 706-542-2903, Rm. 310 Can be found here: http://www.physast.uga.edu/courses There will be three (3) in-class closed book closed notes midterm exams on selected chapters, and one (1) on-line cumulative mass final exam. No make-ups or re-scheduling permitted. Must be taken with the section you are registered for. You are allowed to create and bring with you your own single page formula sheet (8.5 in. × 11 in.) containing any information you want, all handwritten. You may only write on one side. 				
Labs: Lab syllabus: Exams:	 Strongly advised Labs are completely independent of the Lectures All inquiries related to Labs should be directed to either your respective lab TAs, or our Lab Coordinator, Mr. Tom Barnello, at: tjbar@uga.edu 706-542-2903, Rm. 310 Can be found here: http://www.physast.uga.edu/courses There will be three (3) in-class closed book closed notes midterm exams on selected chapters, and one (1) on-line cumulative mass final exam. No make-ups or re-scheduling permitted. Must be taken with the section you are registered for. You are allowed to create and bring with you your own single page formula sheet (8.5 in. × 11 in.) containing any information you want, all handwritten. You may only write on one side. A simple (non-graphing, non-symbolic, non-programmable) scientific calculator. No other 				
Labs: Lab syllabus: Exams:	 Strongly advised Labs are completely independent of the Lectures All inquiries related to Labs should be directed to either your respective lab TAs, or our Lab Coordinator, Mr. Tom Barnello, at: tjbar@uga.edu 706-542-2903, Rm. 310 Can be found here: http://www.physast.uga.edu/courses There will be three (3) in-class closed book closed notes midterm exams on selected chapters, and one (1) on-line cumulative mass final exam. No make-ups or re-scheduling permitted. Must be taken with the section you are registered for. You are allowed to create and bring with you your own single page formula sheet (8.5 in. × 11 in.) containing any information you want, all handwritten. You may only write on one side. A simple (non-graphing, non-symbolic, non-programmable) scientific calculator. No other electronic device(s) permitted. 				
Labs: Lab syllabus: Exams:	 Strongly advised Labs are completely independent of the Lectures All inquiries related to Labs should be directed to either your respective lab TAs, or our Lab Coordinator, Mr. Tom Barnello, at: tjbar@uga.edu 706-542-2903, Rm. 310 Can be found here: http://www.physast.uga.edu/courses There will be three (3) in-class closed book closed notes midterm exams on selected chapters, and one (1) on-line cumulative mass final exam. No make-ups or re-scheduling permitted. Must be taken with the section you are registered for. You are allowed to create and bring with you your own single page formula sheet (8.5 in. × 11 in.) containing any information you want, all handwritten. You may only write on one side. A simple (non-graphing, non-symbolic, non-programmable) scientific calculator. No other electronic device(s) permitted. You must have a valid UGA ID on you to take the test. 				
Labs: Lab syllabus: Exams:	 Strongly advised Labs are completely independent of the Lectures All inquiries related to Labs should be directed to either your respective lab TAs, or our Lab Coordinator, Mr. Tom Barnello, at: tjbar@uga.edu 706-542-2903, Rm. 310 Can be found here: http://www.physast.uga.edu/courses There will be three (3) in-class closed book closed notes midterm exams on selected chapters, and one (1) on-line cumulative mass final exam. No make-ups or re-scheduling permitted. Must be taken with the section you are registered for. You are allowed to create and bring with you your own single page formula sheet (8.5 in. × 11 in.) containing any information you want, all handwritten. You may only write on one side. A simple (non-graphing, non-symbolic, non-programmable) scientific calculator. No other electronic device(s) permitted. You must have a valid UGA ID on you to take the test. You must work individually. 				
Labs: Lab syllabus: Exams:	 Strongly advised Labs are completely independent of the Lectures All inquiries related to Labs should be directed to either your respective lab TAs, or our Lab Coordinator, Mr. Tom Barnello, at: tjbar@uga.edu 706-542-2903, Rm. 310 Can be found here: http://www.physast.uga.edu/courses There will be three (3) in-class closed book closed notes midterm exams on selected chapters, and one (1) on-line cumulative mass final exam. No make-ups or re-scheduling permitted. Must be taken with the section you are registered for. You are allowed to create and bring with you your own single page formula sheet (8.5 in. × 11 in.) containing any information you want, all handwritten. You may only write on one side. A simple (non-graphing, non-symbolic, non-programmable) scientific calculator. No other electronic device(s) permitted. You must have a valid UGA ID on you to take the test. You must work individually. You must submit all exam materials (the test form, the scantron, the formula sheet, and all 				
Labs: Lab syllabus: Exams:	 Strongly advised Labs are completely independent of the Lectures All inquiries related to Labs should be directed to either your respective lab TAs, or our Lab Coordinator, Mr. Tom Barnello, at: <u>tjbar@uga.edu</u> 706-542-2903, Rm. 310 Can be found here: <u>http://www.physast.uga.edu/courses</u> There will be three (3) in-class closed book closed notes midterm exams on selected chapters, and one (1) on-line cumulative mass final exam. No make-ups or re-scheduling permitted. Must be taken with the section you are registered for. You are allowed to create and bring with you your own single page formula sheet (8.5 in. × 11 in.) containing any information you want, all handwritten. You may only write on one side. A simple (non-graphing, non-symbolic, non-programmable) scientific calculator. No other electronic device(s) permitted. You must have a valid UGA ID on you to take the test. You must work individually. You must submit all exam materials (the test form, the scantron, the formula sheet, and all scratch paper) at the end of the exam. 				
Labs: Lab syllabus: Exams:	 Strongly advised Labs are completely independent of the Lectures All inquiries related to Labs should be directed to either your respective lab TAs, or our Lab Coordinator, Mr. Tom Barnello, at: <u>tjbar@uga.edu</u> 706-542-2903, Rm. 310 Can be found here: <u>http://www.physast.uga.edu/courses</u> There will be three (3) in-class closed book closed notes midterm exams on selected chapters, and one (1) on-line cumulative mass final exam. No make-ups or re-scheduling permitted. Must be taken with the section you are registered for. You are allowed to create and bring with you your own single page formula sheet (8.5 in. × 11 in.) containing any information you want, all handwritten. You may only write on one side. A simple (non-graphing, non-symbolic, non-programmable) scientific calculator. No other electronic device(s) permitted. You must have a valid UGA ID on you to take the test. You must work individually. You must submit all exam materials (the test form, the scantron, the formula sheet, and all scratch paper) at the end of the exam. You are prohibited from copying and/or taking any test materials outside of the examination 				
Labs: Lab syllabus: Exams:	 Strongly advised Labs are completely independent of the Lectures All inquiries related to Labs should be directed to either your respective lab TAs, or our Lab Coordinator, Mr. Tom Barnello, at: <u>tjbar@uga.edu</u> 706-542-2903, Rm. 310 Can be found here: <u>http://www.physast.uga.edu/courses</u> There will be three (3) in-class closed book closed notes midterm exams on selected chapters, and one (1) on-line cumulative mass final exam. No make-ups or re-scheduling permitted. Must be taken with the section you are registered for. You are allowed to create and bring with you your own single page formula sheet (8.5 in. × 11 in.) containing any information you want, all handwritten. You may only write on one side. A simple (non-graphing, non-symbolic, non-programmable) scientific calculator. No other electronic device(s) permitted. You must have a valid UGA ID on you to take the test. You must work individually. You must submit all exam materials (the test form, the scantron, the formula sheet, and all scratch paper) at the end of the exam. 				

Mass final exam:	> The Mass Final Exam is a multiple-choice on-line test, to be completed on the eLC (located			
Mass mai exam:	under Tools → Quizzes)			
	Access opens at 7pm and closes at 10pm on Monday, May 09			
	> The test will be split into 2 parts (8 problems each, with a total of 16 problems)			
	Each part will have a time limit of 40 minutes (+ extra time for the DRC students)			
	> Two attempts allowed (best attempt counts)			
	> Once attempt started, must be completed within allotted time (40 minutes)			
	 Do NOT use smart phones, since those tend to crash (as some students had previously 			
	reported); use a desk- or laptop instead			
	 Make sure to save each answer and to finish each Part before disconnecting/logging out 			
	 IMPORTANT: The second attempt is a courtesy. It is offered as a means to mitigate against 			
	unexpected circumstances, such as, e.g., a power outage, etc., so do not ask for a 3 rd attempt.			
	Once the test had been configured on the eLC, no additional modifications will be done for			
	any reason.			
Grades:	Your grades will be posted on the eLC-New, <u>http://elcnew.uga.edu</u>			
Grading policy:	20% LABS			
Grading policy.	20% LABS 20% in-class EXAM 1 (Multiple-choice (MC), no individual re-scheduling or make up) 20% in-class EXAM 2 (MC, no individual re-scheduling or make up)			
	20% in-class EXAM 3 (MC, no individual re-scheduling or make up)			
	20% on-line MASS FINAL EXAM (MC, cumulative; no individual re-scheduling or make up)			
	NOTE: Our departmental policy prohibits rescheduling of missed exams (regardless of the reason,			
	be it a court appearance, immigration, medical, family, sporting, or any other type of emergency).			
	The final exam will replace your worst midterm if it is better (say, if you got a zero for non-			
	attendance, etc.). That replacement will not be visible on the eLC.			
	Your overall grade will become available on Athena after the corresponding deadline. Email me			
	Your overall grade will become available on Athena after the corresponding deadline. Email me only if you strongly believe there was a mistake in my calculation. Do not ask for a bump-up, a			
	Your overall grade will become available on Athena after the corresponding deadline. Email me only if you strongly believe there was a mistake in my calculation. Do not ask for a bump-up, a curve, or any extra credit. Make sure to include your class and section number.			
	only if you strongly believe there was a mistake in my calculation. Do not ask for a bump-up, a curve, or any extra credit. Make sure to include your class and section number.			
Cut-offs:	 only if you strongly believe there was a mistake in my calculation. Do not ask for a bump-up, a curve, or any extra credit. Make sure to include your class and section number. 100% TOTAL = 20% LABS + 80% EXAMS (including the Final) 			
Cut-offs:	 only if you strongly believe there was a mistake in my calculation. Do not ask for a bump-up, a curve, or any extra credit. Make sure to include your class and section number. 100% TOTAL = 20% LABS + 80% EXAMS (including the Final) F : [0, 60) 			
Cut-offs:	 only if you strongly believe there was a mistake in my calculation. Do not ask for a bump-up, a curve, or any extra credit. Make sure to include your class and section number. 100% TOTAL = 20% LABS + 80% EXAMS (including the Final) F : [0, 60) D : [60, 68) 			
Cut-offs:	 only if you strongly believe there was a mistake in my calculation. Do not ask for a bump-up, a curve, or any extra credit. Make sure to include your class and section number. 100% TOTAL = 20% LABS + 80% EXAMS (including the Final) F : [0, 60) D : [60, 68) C-: [68, 70) C: [70, 75) C+: [75, 78) 			
Cut-offs:	 only if you strongly believe there was a mistake in my calculation. Do not ask for a bump-up, a curve, or any extra credit. Make sure to include your class and section number. 100% TOTAL = 20% LABS + 80% EXAMS (including the Final) F : [0, 60) D : [60, 68) C-: [68, 70) C: [70, 75) C+: [75, 78) B-: [78, 80) B: [80, 85) B+: [85, 88) 			
	 only if you strongly believe there was a mistake in my calculation. Do not ask for a bump-up, a curve, or any extra credit. Make sure to include your class and section number. 100% TOTAL = 20% LABS + 80% EXAMS (including the Final) F : [0, 60) D : [60, 68) C: [68, 70) C: [70, 75) C+: [75, 78) B-: [78, 80) B: [80, 85) B+: [85, 88) A-: [88, 90) A: [90, 100] NOTE: No rounding; 89.99 = A-, etc. 			
Main objective and	 only if you strongly believe there was a mistake in my calculation. Do not ask for a bump-up, a curve, or any extra credit. Make sure to include your class and section number. 100% TOTAL = 20% LABS + 80% EXAMS (including the Final) F : [0, 60) D : [60, 68) C-: [68, 70) C: [70, 75) C+: [75, 78) B-: [78, 80) B: [80, 85) B+: [85, 88) A-: [88, 90) A: [90, 100] NOTE: No rounding; 89.99 = A-, etc. In this course, learning how to solve physics problems should be regarded as your ultimate 			
	 only if you strongly believe there was a mistake in my calculation. Do not ask for a bump-up, a curve, or any extra credit. Make sure to include your class and section number. 100% TOTAL = 20% LABS + 80% EXAMS (including the Final) F : [0, 60) D : [60, 68) C-: [68, 70) C: [70, 75) C+: [75, 78) B-: [78, 80) B: [80, 85) B+: [85, 88) A-: [88, 90) A: [90, 100] NOTE: No rounding; 89.99 = A-, etc. In this course, learning how to solve physics problems should be regarded as your ultimate objective. I will not be able to cover everything you are expected to know in class. You will have 			
Main objective and	 only if you strongly believe there was a mistake in my calculation. Do not ask for a bump-up, a curve, or any extra credit. Make sure to include your class and section number. 100% TOTAL = 20% LABS + 80% EXAMS (including the Final) F : [0, 60) D : [60, 68) C-: [68, 70) C: [70, 75) C+: [75, 78) B-: [78, 80) B: [80, 85) B+: [85, 88) A-: [88, 90) A: [90, 100] NOTE: No rounding; 89.99 = A-, etc. In this course, learning how to solve physics problems should be regarded as your ultimate objective. I will not be able to cover everything you are expected to know in class. You will have to independently work through some of the topics at home. Since most of your grade would come 			
Main objective and	 only if you strongly believe there was a mistake in my calculation. Do not ask for a bump-up, a curve, or any extra credit. Make sure to include your class and section number. 100% TOTAL = 20% LABS + 80% EXAMS (including the Final) F : [0, 60) D : [60, 68) C: [68, 70) C: [70, 75) C+: [75, 78) B-: [78, 80) B: [80, 85) B+: [85, 88) A-: [88, 90) A: [90, 100] NOTE: No rounding; 89.99 = A-, etc. In this course, learning how to solve physics problems should be regarded as your ultimate objective. I will not be able to cover everything you are expected to know in class. You will have to independently work through some of the topics at home. Since most of your grade would come from problem solving, do the following: 			
Main objective and	 only if you strongly believe there was a mistake in my calculation. Do not ask for a bump-up, a curve, or any extra credit. Make sure to include your class and section number. 100% TOTAL = 20% LABS + 80% EXAMS (including the Final) F : [0, 60) D : [60, 68) C: [68, 70) C: [70, 75) C+: [75, 78) B-: [78, 80) B: [80, 85) B+: [85, 88) A-: [88, 90) A: [90, 100] NOTE: No rounding; 89.99 = A-, etc. In this course, learning how to solve physics problems should be regarded as your ultimate objective. I will not be able to cover everything you are expected to know in class. You will have to independently work through some of the topics at home. Since most of your grade would come from problem solving, do the following: 1. Start working from Day One. 			
Main objective and	 only if you strongly believe there was a mistake in my calculation. Do not ask for a bump-up, a curve, or any extra credit. Make sure to include your class and section number. 100% TOTAL = 20% LABS + 80% EXAMS (including the Final) F : [0, 60) D : [60, 68) C: [68, 70) C: [70, 75) C+: [75, 78) B-: [78, 80) B: [80, 85) B+: [85, 88) A-: [88, 90) A: [90, 100] NOTE: No rounding; 89.99 = A-, etc. In this course, learning how to solve physics problems should be regarded as your ultimate objective. I will not be able to cover everything you are expected to know in class. You will have to independently work through some of the topics at home. Since most of your grade would come from problem solving, do the following: 1. Start working from Day One. 2. Read each chapter before it is discussed in class. 			
Main objective and	 only if you strongly believe there was a mistake in my calculation. Do not ask for a bump-up, a curve, or any extra credit. Make sure to include your class and section number. 100% TOTAL = 20% LABS + 80% EXAMS (including the Final) F : [0, 60) D : [60, 68) C: [68, 70) C: [70, 75) C+: [75, 78) B-: [78, 80) B: [80, 85) B+: [85, 88) A: [88, 90) A: [90, 100] NOTE: No rounding; 89.99 = A-, etc. In this course, learning how to solve physics problems should be regarded as your ultimate objective. I will not be able to cover everything you are expected to know in class. You will have to independently work through some of the topics at home. Since most of your grade would come from problem solving, do the following: Start working from Day One. Read each chapter before it is discussed in class. Attend every lecture. 			
Main objective and	 only if you strongly believe there was a mistake in my calculation. Do not ask for a bump-up, a curve, or any extra credit. Make sure to include your class and section number. 100% TOTAL = 20% LABS + 80% EXAMS (including the Final) F : [0, 60) D : [60, 68) C-: [68, 70) C: [70, 75) C+: [75, 78) B-: [78, 80) B: [80, 85) B+: [85, 88) A-: [88, 90) A: [90, 100] NOTE: No rounding; 89.99 = A-, etc. In this course, learning how to solve physics problems should be regarded as your ultimate objective. I will not be able to cover everything you are expected to know in class. You will have to independently work through some of the topics at home. Since most of your grade would come from problem solving, do the following: 1. Start working from Day One. 2. Read each chapter before it is discussed in class. 3. Attend every lecture. 4. Take good notes. 			
Main objective and	 only if you strongly believe there was a mistake in my calculation. Do not ask for a bump-up, a curve, or any extra credit. Make sure to include your class and section number. 100% TOTAL = 20% LABS + 80% EXAMS (including the Final) F: [0, 60) D: [60, 68) C-: [68, 70) C: [70, 75) C+: [75, 78) B-: [78, 80) B: [80, 85) B+: [85, 88) A-: [88, 90) A: [90, 100] NOTE: No rounding; 89.99 = A-, etc. In this course, learning how to solve physics problems should be regarded as your ultimate objective. I will not be able to cover everything you are expected to know in class. You will have to independently work through some of the topics at home. Since most of your grade would come from problem solving, do the following: 1. Start working from Day One. 2. Read each chapter before it is discussed in class. 3. Attend every lecture. 4. Take good notes. 5. Participate actively in discussions. 			
Main objective and	 only if you strongly believe there was a mistake in my calculation. Do not ask for a bump-up, a curve, or any extra credit. Make sure to include your class and section number. 100% TOTAL = 20% LABS + 80% EXAMS (including the Final) F: [0, 60) D: [60, 68) C-: [68, 70) C: [70, 75) C+: [75, 78) B-: [78, 80) B: [80, 85) B+: [85, 88) A-: [88, 90) A: [90, 100] NOTE: No rounding; 89.99 = A-, etc. In this course, learning how to solve physics problems should be regarded as your ultimate objective. I will not be able to cover everything you are expected to know in class. You will have to independently work through some of the topics at home. Since most of your grade would come from problem solving, do the following: 1. Start working from Day One. 2. Read each chapter before it is discussed in class. 3. Attend every lecture. 4. Take good notes. 5. Participate actively in discussions. 6. Ask questions. 			
Main objective and	 only if you strongly believe there was a mistake in my calculation. Do not ask for a bump-up, a curve, or any extra credit. Make sure to include your class and section number. 100% TOTAL = 20% LABS + 80% EXAMS (including the Final) F: [0, 60) D: [60, 68) C-: [68, 70) C: [70, 75) C+: [75, 78) B-: [78, 80) B: [80, 85) B+: [85, 88) A-: [88, 90) A: [90, 100] NOTE: No rounding; 89.99 = A-, etc. In this course, learning how to solve physics problems should be regarded as your ultimate objective. I will not be able to cover everything you are expected to know in class. You will have to independently work through some of the topics at home. Since most of your grade would come from problem solving, do the following: 1. Start working from Day One. 2. Read each chapter before it is discussed in class. 3. Attend every lecture. 4. Take good notes. 5. Participate actively in discussions. 6. Ask questions. 7. Re-read and re-work the chapter and the notes carefully after class. 			
Main objective and	 only if you strongly believe there was a mistake in my calculation. Do not ask for a bump-up, a curve, or any extra credit. Make sure to include your class and section number. 100% TOTAL = 20% LABS + 80% EXAMS (including the Final) F : [0, 60) D : [60, 68) C-: [68, 70) C: [70, 75) C+: [75, 78) B-: [78, 80) B: [80, 85) B+: [85, 88) A-: [88, 90) A: [90, 100] NOTE: No rounding; 89.99 = A-, etc. In this course, learning how to solve physics problems should be regarded as your ultimate objective. I will not be able to cover everything you are expected to know in class. You will have to independently work through some of the topics at home. Since most of your grade would come from problem solving, do the following: 1. Start working from Day One. 2. Read each chapter before it is discussed in class. 3. Attend every lecture. 4. Take good notes. 5. Participate actively in discussions. 6. Ask questions. 7. Re-read and re-work the chapter and the notes carefully after class. 8. Re-work problems solved in class 			
Main objective and	 only if you strongly believe there was a mistake in my calculation. Do not ask for a bump-up, a curve, or any extra credit. Make sure to include your class and section number. 100% TOTAL = 20% LABS + 80% EXAMS (including the Final) F: [0, 60) D: [60, 68) C-: [68, 70) C: [70, 75) C+: [75, 78) B-: [78, 80) B: [80, 85) B+: [85, 88) A-: [88, 90) A: [90, 100] NOTE: No rounding; 89.99 = A-, etc. In this course, learning how to solve physics problems should be regarded as your ultimate objective. I will not be able to cover everything you are expected to know in class. You will have to independently work through some of the topics at home. Since most of your grade would come from problem solving, do the following: Start working from Day One. Read each chapter before it is discussed in class. Attend every lecture. Take good notes. Participate actively in discussions. Ask questions. Re-read and re-work the chapter and the notes carefully after class. Re-work problems solved in class Solve all assigned end-of-chapter problems. Follow the formula: "Five problems a day keep 			
Main objective and	 only if you strongly believe there was a mistake in my calculation. Do not ask for a bump-up, a curve, or any extra credit. Make sure to include your class and section number. 100% TOTAL = 20% LABS + 80% EXAMS (including the Final) F : [0, 60) D : [60, 68) C-: [68, 70) C: [70, 75) C+: [75, 78) B-: [78, 80) B: [80, 85) B+: [85, 88) A-: [88, 90) A: [90, 100] NOTE: No rounding; 89.99 = A-, etc. In this course, learning how to solve physics problems should be regarded as your ultimate objective. I will not be able to cover everything you are expected to know in class. You will have to independently work through some of the topics at home. Since most of your grade would come from problem solving, do the following: 1. Start working from Day One. 2. Read each chapter before it is discussed in class. 3. Attend every lecture. 4. Take good notes. 5. Participate actively in discussions. 6. Ask questions. 7. Re-read and re-work the chapter and the notes carefully after class. 8. Re-work problems solved in class 			
Main objective and	 only if you strongly believe there was a mistake in my calculation. Do not ask for a bump-up, a curve, or any extra credit. Make sure to include your class and section number. 100% TOTAL = 20% LABS + 80% EXAMS (including the Final) F: [0, 60) D: [60, 68) C-: [68, 70) C: [70, 75) C+: [75, 78) B-: [78, 80) B: [80, 85) B+: [85, 88) A-: [88, 90) A: [90, 100] NOTE: No rounding; 89.99 = A-, etc. In this course, learning how to solve physics problems should be regarded as your ultimate objective. I will not be able to cover everything you are expected to know in class. You will have to independently work through some of the topics at home. Since most of your grade would come from problem solving, do the following: Start working from Day One. Read each chapter before it is discussed in class. Attend every lecture. Take good notes. Participate actively in discussions. Ask questions. Re-read and re-work the chapter and the notes carefully after class. Re-work problems solved in class Solve all assigned end-of-chapter problems. Follow the formula: "Five problems a day keep 			
Main objective and	 only if you strongly believe there was a mistake in my calculation. Do not ask for a bump-up, a curve, or any extra credit. Make sure to include your class and section number. 100% TOTAL = 20% LABS + 80% EXAMS (including the Final) F: [0, 60) D: [60, 68) C: [68, 70) C: [70, 75) C+: [75, 78) B: [78, 80) B: [80, 85) B+: [85, 88) A: [88, 90) A: [90, 100] NOTE: No rounding; 89.99 = A-, etc. In this course, learning how to solve physics problems should be regarded as your ultimate objective. I will not be able to cover everything you are expected to know in class. You will have to independently work through some of the topics at home. Since most of your grade would come from problem solving, do the following: 1. Start working from Day One. 2. Read each chapter before it is discussed in class. 3. Attend every lecture. 4. Take good notes. 5. Participate actively in discussions. 6. Ask questions. 7. Re-read and re-work the chapter and the notes carefully after class. 8. Re-work problems solved in class 9. Solve all assigned end-of-chapter problems. Follow the formula: "Five problems a day keep the bad grade away." 			
Main objective and	 only if you strongly believe there was a mistake in my calculation. Do not ask for a bump-up, a curve, or any extra credit. Make sure to include your class and section number. 100% TOTAL = 20% LABS + 80% EXAMS (including the Final) F: [0, 60) D: [60, 68) C-: [68, 70) C: [70, 75) C+: [75, 78) B-: [78, 80) B: [80, 85) B+: [85, 88) A: [88, 90) A: [90, 100] NOTE: No rounding; 89.99 = A-, etc. In this course, learning how to solve physics problems should be regarded as your ultimate objective. I will not be able to cover everything you are expected to know in class. You will have to independently work through some of the topics at home. Since most of your grade would come from problem solving, do the following: 1. Start working from Day One. 2. Read each chapter before it is discussed in class. 3. Attend every lecture. 4. Take good notes. 5. Participate actively in discussions. 6. Ask questions. 7. Re-read and re-work the chapter and the notes carefully after class. 8. Re-work problems solved in class 9. Solve all assigned end-of-chapter problems. Follow the formula: "Five problems a day keep the bad grade away." 10. Concepts first. Think before plugging-and-chugging. 11. Ace the labs. 			
Main objective and	 only if you strongly believe there was a mistake in my calculation. Do not ask for a bump-up, a curve, or any extra credit. Make sure to include your class and section number. 100% TOTAL = 20% LABS + 80% EXAMS (including the Final) F: [0, 60) D: [60, 68) C-: [68, 70) C: [70, 75) C+: [75, 78) B-: [78, 80) B: [80, 85) B+: [85, 88) A-: [88, 90) A: [90, 100] NOTE: No rounding; 89.99 = A-, etc. In this course, learning how to solve physics problems should be regarded as your ultimate objective. I will not be able to cover everything you are expected to know in class. You will have to independently work through some of the topics at home. Since most of your grade would come from problem solving, do the following: 1. Start working from Day One. 2. Read each chapter before it is discussed in class. 3. Attend every lecture. 4. Take good notes. 5. Participate actively in discussions. 6. Ask questions. 7. Re-read and re-work the chapter and the notes carefully after class. 8. Re-work problems solved in class 9. Solve all assigned end-of-chapter problems. Follow the formula: "Five problems a day keep the bad grade away." 10. Concepts first. Think before plugging-and-chugging. 11. Ace the labs. 12. Use a buddy system; find a friend with whom to discuss physics. 			
Main objective and	 only if you strongly believe there was a mistake in my calculation. Do not ask for a bump-up, a curve, or any extra credit. Make sure to include your class and section number. 100% TOTAL = 20% LABS + 80% EXAMS (including the Final) F: [0, 60) D: [60, 68) C-: [68, 70) C: [70, 75) C+: [75, 78) B-: [78, 80) B: [80, 85) B+: [85, 88) A-: [88, 90) A: [90, 100] NOTE: No rounding; 89.99 = A-, etc. In this course, learning how to solve physics problems should be regarded as your ultimate objective. I will not be able to cover everything you are expected to know in class. You will have to independently work through some of the topics at home. Since most of your grade would come from problem solving, do the following: Start working from Day One. Read each chapter before it is discussed in class. Attend every lecture. Take good notes. Participate actively in discussions. Ask questions. Re-read and re-work the chapter and the notes carefully after class. Re-work problems solved in class Solve all assigned end-of-chapter problems. Follow the formula: "Five problems a day keep the bad grade away." Concepts first. Think before plugging-and-chugging. Ace the labs. Use a buddy system; find a friend with whom to discuss physics. Form a study group. 			
Main objective and	 only if you strongly believe there was a mistake in my calculation. Do not ask for a bump-up, a curve, or any extra credit. Make sure to include your class and section number. 100% TOTAL = 20% LABS + 80% EXAMS (including the Final) F: [0, 60) D: [60, 68) C-: [68, 70) C: [70, 75) C+: [75, 78) B-: [78, 80) B: [80, 85) B+: [85, 88) A: [88, 90) A: [90, 100] NOTE: No rounding; 89.99 = A-, etc. In this course, learning how to solve physics problems should be regarded as your ultimate objective. I will not be able to cover everything you are expected to know in class. You will have to independently work through some of the topics at home. Since most of your grade would come from problem solving, do the following: I. Start working from Day One. 2. Read each chapter before it is discussed in class. 3. Attend every lecture. 4. Take good notes. 5. Participate actively in discussions. 6. Ask questions. 7. Re-read and re-work the chapter and the notes carefully after class. 8. Re-work problems solved in class 9. Solve all assigned end-of-chapter problems. Follow the formula: "Five problems a day keep the bad grade away." 10. Concepts first. Think before plugging-and-chugging. 11. Ace the labs. 12. Use a buddy system; find a friend with whom to discuss physics. 13. Form a study group. 14. Teach physics to others. 			
Main objective and	 only if you strongly believe there was a mistake in my calculation. Do not ask for a bump-up, a curve, or any extra credit. Make sure to include your class and section number. 100% TOTAL = 20% LABS + 80% EXAMS (including the Final) F: [0, 60) D: [60, 68) C-: [68, 70) C: [70, 75) C+: [75, 78) B-: [78, 80) B: [80, 85) B+: [85, 88) A-: [88, 90) A: [90, 100] NOTE: No rounding; 89.99 = A-, etc. In this course, learning how to solve physics problems should be regarded as your ultimate objective. I will not be able to cover everything you are expected to know in class. You will have to independently work through some of the topics at home. Since most of your grade would come from problem solving, do the following: Start working from Day One. Read each chapter before it is discussed in class. Attend every lecture. Take good notes. Participate actively in discussions. Ask questions. Re-read and re-work the chapter and the notes carefully after class. Re-work problems solved in class Solve all assigned end-of-chapter problems. Follow the formula: "Five problems a day keep the bad grade away." Concepts first. Think before plugging-and-chugging. Ace the labs. Use a buddy system; find a friend with whom to discuss physics. Form a study group. 			

Crede enneels	Crede appeals are received by following our deportmental due procedure as described here;				
Grade appeal:	Grade appeals are resolved by following our departmental due procedure as described here:				
	https://www.physast.uga.edu/policies/policiesonstudentissues/grievance				
Incompletes:	No "Incompletes" will be assigned in this class unless requested by the UGA Student Care and				
	Outreach office.				
Hardship withdrawals:	If your course performance is significantly affected by issues beyond your control, please seek				
-	assistance promptly from Student Care and Outreach 706-542-7774 or visit https://sco.uga.edu.				
	They will help you navigate any difficult circumstances you may be facing by connecting you				
	with the appropriate resources or services. It is always easier to address exceptional				
	circumstances when you raise these concerns as early as possible. Waiting until the end of the				
	semester to take action may limit my ability to provide appropriate support.				
Mental Health and	UGA has several resources for a student seeking mental health services				
Wellness Resources:	(https://www.uhs.uga.edu/bewelluga/bewelluga) or crisis support				
	(https://www.uhs.uga.edu/info/emergencies).				
	If you need help managing stress anxiety, relationships, etc., please visit BeWellUGA				
	(https://www.uhs.uga.edu/bewelluga/bewelluga) for a list of FREE workshops, classes,				
	mentoring, and health coaching led by licensed clinicians and health educators in the University				
	Health Center. Additional resources can be accessed through the UGA App.				

Week	2022 Spring Schedule					
WEEK	Day	Date	Reading	Торіс	End-of-Chapter Exam Practice Problems (5 th edition)	
1	Μ	Jan. 10				
	Т	Jan. 11	26.1-2	Intro to this course; 6 Principles of GO GO: Reflection, plane mirrors	Ch. 26: 1 – 47 (odd), 51, 53,63, 65, 69 – 81 (odd),	
	W	Jan. 12				
	R	Jan. 13	26.3-4	GO: Spherical mirrors, ray tracing, mirror equation		
	F	Jan. 14		Drop/Add ends		
	Μ	Jan. 17		MLK Day		
2	Т	Jan. 18	26.3-4	GO: Spherical mirrors, ray tracing, mirror equation (cont.)		
	W	Jan. 19				
	R	Jan. 20	26.5	GO: Refraction & total internal reflection		
	F	Jan. 21				
	Μ	Jan. 24				
	Т	Jan. 25	26.6-7	GO: Ray tracing for lenses; thin lens equation		
3	W	Jan. 26				
	R	Jan. 27	27.1-2	OI: Human eye, camera, corrective optics	Ch. 27: 1 – 11 (odd), 17 – 31 (odd), 49 – 77 (odd)	
	F	Jan. 28				
	Μ	Jan. 31				
	Т	Feb. 01	27.1-2	OI: Human eye, camera, corrective optics (cont.)		
4	W	Feb. 02				
	R	Feb. 03	27.3-5	OI: Magnifying glass, microscope, telescope		
	F	Feb. 04				
	М	Feb. 07				
	Т	Feb. 08		In-class EXAM 1 (Ch. 26, 27)		
5	W	Feb. 09				
	R	Feb. 10	28.1-2	WO: Superposition & interference; Two-slit experiment	Ch. 28: 1 – 27 (odd), 43 – 51 (odd), 61 – 73 (odd)	
	F	Feb. 11				
	Μ	Feb. 14				
6	Т	Feb. 15	28.4,6	WO: Single-slit diffraction; diffraction gratings; spectrometers		
	W	Feb. 16				
	R	Feb. 17	28.4,6	WO: Single-slit diffraction; diffraction gratings; spectrometers (cont.)		

M Feb. 21 PJ.3 EF: Electric charge; insulators & conductors; Coulomb's Law Ch. 19: 1 – 55 (odd) 7 W Feb. 23 FF: FE: Electric charge; insulators & conductors; Coulomb's Law Ch. 19: 1 – 55 (odd) 8 Feb. 23 FF: Electric charge; insulators & conductors; Coulomb's Law (cont.) F 8 M Feb. 25 FF: Electric field: field lines: capacitor; shielding & charging by induction; Electric flux & Gauss's Law 8 M F Mar. 01 19.4-7 7 Mar. 03 In-class EXAM 2 (Ch. 26, 27, 28, 19) F 9 W Mar. 04 F Mar. 04 9 W flar, 04 F EP: Electric potential & cnergy; cnergy conservation F Mar. 10 10 T Mar. 14 EP: Electric potential of point charges; caujootntial surfaces & E-field Ch. 20: 1 – 71 (odd) 11 T Mar. 12 20.5-6 FP: Capacitors, & dielectric; electric energy storage F Mar. 14 F Mar. 22 21.1-3 DC: Electric current; Ohm's Law; Energy & power in electric circuits 11 T Mar. 23 DC: Elect]	F	Feb. 18			
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $						
7 Image: Control of Single Control of				191-3	FF: Electric charge: insulators & conductors:	Ch 19:1 - 55 (odd)
WFeb. 23EF: Electric charge; insulators & conductors; Coulomb's Law (cont.)FFeb. 25Feb. 25TMar. 0119.4-7FFeb. 28Feb. 28TMar. 0.119.4-7FFeb. 28Feb. 29WMar. 0.2Feb. 29FMar. 0.3In-class EXAM 2 (Ch. 26, 27, 28, 19)FMar. 0.3In-class EXAM 2 (Ch. 26, 27, 28, 19)FMar. 0.4Feb. 28MMar. 0.7Feb. 28RMar. 0.8SPRING BREAKRMar. 10Feb. 20, 1-2FMar. 11Feb. 20, 1-2FMar. 12Feb. 20, 1-2District ConstructionFeb. 20, 1-2District ConstructionFeb. 20, 1-2District ConstructionFeb. 20, 1-2District ConstructionFeb. 28WMar. 14TMar. 15TMar. 1720, 1-220, 1-2District Construction of point charges; cauptotentialMMar. 21TMar. 22Z21, 1-3DC: Electric current; Ohm's Law; Energy & power in electric circuitsMMar. 23RMar. 24Ch. 21: 1 - 59 (odd)FMar. 31TTar. 25MMar. 28MMar. 30RMar. 31TTar. 25MMar. 31TMar. 30RMar. 30RMar. 31R<	7	1	100.22	17.1 5		Cii. 19. 1 55 (600)
RFeb. 2419.1-3EF: Electric charge; insulators & conductors; Coulomb's Law (cont.)FFeb. 25FMFeb. 28FMFeb. 28FWMar. 0119.4-7FMar. 03In-class EXAM 2 (Ch. 26, 27, 28, 19)FMar. 04FMMar. 14FNCh. 20: 1 – 71 (odd)PMMar. 14MMar. 15FREVISITING: Energy, WkET & LCEEP: Electric potential of point charges; equipotentialWMar. 16RMar. 21MMar. 22VMar. 22MMar. 22MMar. 24MMar. 23MMar. 28MMar. 28MMar. 28MMar. 28MMar. 28MMar. 28MMar. 28MMar. 2921.2-7DC: Kirchhoff's RulesMMar. 29MApr. 04MApr. 04MAp		W	Feb. 23			
F Feb. 25 Coulomb's Law (cont.) F F Feb. 28 F T Mar. 01 19.4-7 FF: Electric field; field lines; capacitor; shielding & charging by induction; Electric flux & Gauss's Law W Mar. 02 F Mar. 03 In-class EXAM 2 (Ch. 26, 27, 28, 19) F Mar. 03 In-class EXAM 2 (Ch. 26, 27, 28, 19) F T Mar. 03 In-class EXAM 2 (Ch. 26, 27, 28, 19) F T Mar. 03 In-class EXAM 2 (Ch. 26, 27, 28, 19) F T Mar. 04 F Mar. 04 F M Mar. 03 In-class EXAM 2 (Ch. 26, 27, 28, 19) F T Mar. 04 F F Mar. 10 F T Mar. 10 In-class EXAM 2 (Ch. 26, 27, 28, 19) Ch. 20: 1 – 71 (odd) W Mar. 15 20.1-2 EP: Electric potential 4 energy: energy conservation EP: Electric potential 4 energy: energy conservation EP: Electric circuits; esistors in series & parallel Ch. 20: 1 – 71 (odd) W Mar. 21 DC: Electric circuits; resistors in series & parallel M M Mar.				19.1-3	EF: Electric charge; insulators & conductors;	
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $						
T Mar. 01 19.4-7 EF: Electric field; field lines; capacitor; shielding & charging by induction; Electric flux & Gauss's Law W Mar. 03 In-class EXAM 2 (Ch. 26, 27, 28, 19) R Mar. 04 In-class EXAM 2 (Ch. 26, 27, 28, 19) M Mar. 07 In-class EXAM 2 (Ch. 26, 27, 28, 19) M Mar. 07 In-class EXAM 2 (Ch. 26, 27, 28, 19) M Mar. 07 In-class EXAM 2 (Ch. 26, 27, 28, 19) M Mar. 09 SPRING BREAK R Mar. 10 In-class EXAM 2 (Ch. 26, 27, 28, 19) M Mar. 10 In-class EXAM 2 (Ch. 26, 27, 28, 19) M Mar. 10 In-class EXAM 2 (Ch. 26, 27, 28, 19) M Mar. 11 In-class EXAM 2 (Ch. 26, 27, 28, 19) M Mar. 14 In-class EXAM 2 (Ch. 26, 27, 28, 19) M Mar. 15 In-class EXAM 2 (Ch. 26, 27, 28, 19, 20) W Mar. 16 EP: Electric potential & energy: conservation EP: Electric potential & energy is power in electric circuits M Mar. 21 DC: Electric current; Ohm's Law; Energy & power in electric circuits Ch. 21: 1 - 59 (odd) M Mar. 23 DC: Simp		F	Feb. 25			
8 Image: charging by induction; Electric flux & Gauss's Law W Mar. 02 Im-class EXAM 2 (Ch. 26, 27, 28, 19) 7 Mar. 03 Im-class EXAM 2 (Ch. 26, 27, 28, 19) 9 M Mar. 04 Im-class EXAM 2 (Ch. 26, 27, 28, 19) 9 M Mar. 03 Im-class EXAM 2 (Ch. 26, 27, 28, 19) 9 M Mar. 04 Im-class EXAM 2 (Ch. 26, 27, 28, 19) 10 M Mar. 10 Im-class EXAM 2 (Ch. 26, 27, 28, 19) 10 T Mar. 08 Im-class EXAM 2 (Ch. 26, 27, 28, 19) 10 T Mar. 10 Im-class EXAM 2 (Ch. 26, 27, 28, 19) 10 T Mar. 11 Im-class EXAM 2 (Ch. 26, 27, 28, 19) 10 T Mar. 12 Im-class EXAM 2 (Ch. 26, 27, 28, 19, 20, 21) Ch. 20: 1 – 71 (odd) 11 T Mar. 21 Im-class EXAM 2 (Ch. 26, 27, 28, 19, 20, 21) Ch. 20: 1 – 71 (odd) 11 T Mar. 23 Im-class EXAM 3 (Ch. 26, 27, 28, 19, 20, 21) Ch. 21: 1 – 59 (odd) 12 M Mar. 24 21.4-5 DC: Simple circuits; resistors in series & parallel		М	Feb. 28			
W Mar. 02 In-class EXAM 2 (Ch. 26, 27, 28, 19) F Mar. 03 In-class EXAM 2 (Ch. 26, 27, 28, 19) M Mar. 07 Image: Character of the second secon		Т	Mar. 01	19.4-7		
R Mar. 03 In-class EXAM 2 (Ch. 26, 27, 28, 19) F Mar. 04 In-class EXAM 2 (Ch. 26, 27, 28, 19) M Mar. 08 In-class EXAM 2 (Ch. 26, 27, 28, 19) T Mar. 08 In-class EXAM 2 (Ch. 26, 27, 28, 19) T Mar. 08 In-class EXAM 2 (Ch. 26, 27, 28, 19) T Mar. 08 In-class EXAM 2 (Ch. 26, 27, 28, 19) T Mar. 08 In-class EXAM 2 (Ch. 26, 27, 28, 19) W Mar. 08 In-class EXAM 2 (Ch. 26, 27, 28, 19) T Mar. 10 In-class EXAM 2 (Ch. 26, 27, 28, 19) T Mar. 10 In-class EXAM 2 (Ch. 26, 27, 28, 19) Mar. 10 In-class EXAM 3 (Ch. 26, 27, 28, 19, 20, 21) Ch. 20: 1 – 71 (odd) W Mar. 21 In-class EXAM 3 (Ch. 26, 27, 28, 19, 20, 21) Ch. 21: 1 – 59 (odd) W Mar. 23 In-class EXAM 3 (Ch. 26, 27, 28, 19, 20, 21) In-class EXAM 3 (Ch. 26, 27, 28, 19, 20, 21) F Mar. 30 In-class EXAM 3 (Ch. 26, 27, 28, 19, 20, 21) In-class EXAM 3 (Ch. 26, 27, 28, 19, 20, 21) F Apr. 04 Apr. 05 In-class EXAM 3 (Ch. 26, 27, 28, 19, 20, 21) In-class EXAM 3 (Ch. 26, 27, 28, 19, 20,	8				charging by induction; Electric flux & Gauss's Law	
F Mar. 04 Mar. 07 Mar. 08 Mar. 07 9 Mar. 08 Mar. 09 Mar. 09 Mar. 09 9 W Mar. 09 Mar. 09 Mar. 09 10 F Mar. 11 Mar. 14 F 10 T Mar. 14 REVISITING: Energy, WKET & LCE Ch. 20: 1 – 71 (odd) 11 T Mar. 16 EP: Electric potential & energy; energy conservation F 11 T Mar. 12 20.1-2 EP: Electric potential & energy; energy storage F 11 T Mar. 12 DC: Electric current; Ohn's Law; Energy & power in Ch. 21: 1 – 59 (odd) 11 T Mar. 23 DC: Electric current; Ohn's Law; Energy & power in Ch. 21: 1 – 59 (odd) 12 M Mar. 23 DC: Simple circuits; resistors in series & parallel Mit h ar a u 1 d e a d 1 i ne 14 M Mar. 24 21.4-5 DC: Kirchhoff's Rules Mit h d r a w 1 d e a d 1 i ne 14 M Mar. 25 Mar. 30 Mit h ar a w 1 d e a d 1 i ne Mit h ar. 30 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td></td<>						
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $					In-class EXAM 2 (Ch. 26, 27, 28, 19)	
9 T Mar. 09 SPRING BREAK W Mar. 09 SPRING BREAK R Mar. 10 SPRING BREAK F Mar. 11 SPRING BREAK M Mar. 14 SPRING BREAK M Mar. 14 SPRING BREAK M Mar. 14 Second State St						
9WMar. 09SPRING BREAKRMar. 10Mar. 10MMar. 14REVISITING: Energy, WkET & LCE 20.3-4Ch. 20: 1 - 71 (odd)WMar. 15REVISITING: Energy, WkET & LCE EP: Electric potential & energy; energy conservation EP: Electric potential of point charges; equipotential surfaces & E-fieldCh. 20: 1 - 71 (odd)WMar. 16REVISITING: Energy, WkET & LCE EP: Electric potential of point charges; equipotential surfaces & E-fieldCh. 20: 1 - 71 (odd)WMar. 16RMar. 1720.5-6FMar. 18Ch. 20: 1 - 71 (odd)Ch. 21: 1 - 59 (odd)MMar. 21DC: Electric current; Ohn's Law; Energy & power in electric circuitsCh. 21: 1 - 59 (odd)WMar. 23DC: Simple circuits; resistors in series & parallel With dr a wald de adlineWMar. 23Mar. 2412TMar. 25MMar. 30In-class EXAM 3 (Ch. 26, 27, 28, 19, 20, 21)FApr. 04Mir. 30MApr. 04Mir. 30MApr. 0522.1-2MF: Magnetic field; magnetic force on moving chargesCh. 22: 1 - 59 (odd)WApr. 06Mir. Apr. 01MApr. 0722.3MF: Magnetic force on current-carrying wire; loops & magnetic torque (cont.)MApr. 11MApr. 12MAApr. 13MApr. 14MApr. 14MApr. 18MApr. 19Z3.2-4EMI: Magnetic flux; Faraday's Law;						
RMar. 10RMar. 1110Mar. 14R10TMar. 15REVISITING: Energy, WkET & LCE EP: Electric potential of point charges; equipotential surfaces & E-fieldCh. 20: 1 – 71 (odd)10TMar. 16EP: Electric potential of point charges; equipotential surfaces & E-fieldCh. 20: 1 – 71 (odd)11TMar. 16EP: Electric potential of point charges; equipotential surfaces & E-fieldCh. 20: 1 – 71 (odd)11TMar. 18DC: Electric current; ohm's Law; Energy & power in electric circuitsCh. 21: 1 – 59 (odd)11TMar. 2221.1-3DC: Electric current; Ohm's Law; Energy & power in electric circuitsCh. 21: 1 – 59 (odd)WMar. 23DC: Simple circuits; resistors in series & parallel W it hd r a w a 1 d e a d l in e12MMar. 2421.6-7DC: Kirchhoff's RulesMMar. 23DC: Simple circuits; resistors in series & parallel W it hd r a w a 1 d e a d l in e13TMar. 2921.6-714TApr. 0414TApr. 0522.1-215TApr. 13In-class EXAM 3 (Ch. 26, 27, 28, 19, 20, 21)16FApr. 1017Apr. 0522.1-218Mar. 2422.4-519ME: Magnetic field; magnetic field10TApr. 0611TApr. 051222.4-514TApr. 1415TApr.	0					
FMar. 11Mar. 1410TMar. 14REVISITING: Energy, WkET & LCE EP: Electric potential of point charges; equipotential surfaces & E-fieldCh. 20: 1 – 71 (odd)WMar. 16EP: Electric potential of point charges; equipotential surfaces & E-fieldCh. 20: 1 – 71 (odd)WMar. 1720.5-6EP: Capacitors & dielectrics; electric energy storageCh. 20: 1 – 71 (odd)MMar. 1720.5-6EP: Capacitors & dielectrics; electric energy storageCh. 21: 1 – 59 (odd)11TMar. 2221.1-3DC: Electric current; Ohm's Law; Energy & power in electric circuitsCh. 21: 1 – 59 (odd)WMar. 23DC: Simple circuits; resistors in series & parallel W it h d r a w a 1 d e ad lin eMit h d r a w a 1 d e ad lin eFMar. 25Mar. 2921.6-7DC: Kirchhoff's RulesMit h d r a w a 1 d e ad lin e12TMar. 30In-class EXAM 3 (Ch. 26, 27, 28, 19, 20, 21)Mar. 30RMar. 31In-class EXAM 3 (Ch. 26, 27, 28, 19, 20, 21)Mar. 3013TApr. 04Mit h d r a w a 1 d e ad lin e14TApr. 04Mit h d r and the din magnetic force on moving chargesCh. 22: 1 – 59 (odd)14TApr. 0522.1-2MF: Magnetic field; magnetic force on moving chargesCh. 22: 1 – 59 (odd)14TApr. 06Mit h d r and a magnetic fieldMit h d r h din h d	9				SPRING BREAK	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$						
10TMar. 15 2REVISITING: Energy, WkET & LCE EP: Electric potential & energy: energy conservation EP: Electric potential de energy: energy conservation EP: Electric potential of point charges; equipotential surfaces & E-fieldCh. 20: 1 – 71 (odd)WMar. 16EP: Electric potential de energy: energy conservation EP: Electric potential of point charges; equipotential surfaces & E-fieldImage: Ch. 20: 1 – 71 (odd)WMar. 1720.5-6EP: Capacitors & dielectrics; electric energy storageImage: Ch. 20: 1 – 71 (odd)TMar. 18Image: Ch. 20: 1 – 71 (odd)Image: Ch. 20: 1 – 71 (odd)11TMar. 21Image: Ch. 20: 1 – 71 (odd)TMar. 2221.1-3DC: Electric current; Ohm's Law; Energy & power in electric circuitsCh. 21: 1 – 59 (odd)WMar. 23Image: Ch. 20: 1 – 71 (odd)Image: Ch. 21: 1 – 59 (odd)Image: Ch. 21: 1 – 59 (odd)WMar. 23Image: Ch. 21: 1 – 59 (odd)Image: Ch. 21: 1 – 59 (odd)Image: Ch. 21: 1 – 59 (odd)WMar. 2921.6-7DC: Kirchhoff 's RulesImage: Ch. 21: 1 – 59 (odd)I2MMar. 31Im-class EXAM 3 (Ch. 26, 27, 28, 19, 20, 21)Image: Ch. 22: 1 – 59 (odd)FApr. 04Image: Ch. 22: 1 – 59 (odd)Image: Ch. 22: 1 – 59 (odd)I3MApr. 06Image: Ch. 22: 1 – 59 (odd)I4TApr. 0722.3MF: Magnetic field; magnetic force on moving chargesI4TApr. 0722.4MF: Magnetic force on current-carrying wire; loops & magnetic torque (cont.)I4 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	10				REVISITING: Energy WkET & LCE	Ch $20: 1 - 71 \pmod{2}$
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	10	1	Widi. 15	20.1-2		Cii. 20. 1 /1 (000)
WMar. 16surfaces & E-fieldWMar. 1720.5-6EP: Capacitors & dielectrics; electric energy storageFMar. 18						
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$						
FMar. 18Mar. 2111TMar. 2221.1-3DC: Electric current; Ohm's Law; Energy & power in electric circuitsWMar. 2221.1-3DC: Electric current; Ohm's Law; Energy & power in electric circuitsWMar. 23DC: Simple circuits; resistors in series & parallel With dr a walde adlineFMar. 2421.4-5DC: Simple circuits; resistors in series & parallel With dr a walde adlineFMar. 25Mar. 2812TMar. 2921.6-7MMar. 30In-class EXAM 3 (Ch. 26, 27, 28, 19, 20, 21)FApr. 01MFApr. 0522.1-2MApr. 0522.1-2MApr. 06MRApr. 0722.3MF: Magnetic field; magnetic force on moving charges M Apr. 07Ch. 22: 1 – 59 (odd)FApr. 0722.3MF: Motion of charged particles in a magnetic fieldFApr. 1114TApr. 12TApr. 13RApr. 14MApr. 13RApr. 14MApr. 1815TMApr. 1816MMApr. 1017Apr. 1923.1EMI: Induced e.m.f.15TMApr. 1223.5EMI: Motional e.m.f.		W	Mar. 16			
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$		R	Mar. 17	20.5-6	EP: Capacitors & dielectrics; electric energy storage	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		F				
WMar. 23electric circuitsWMar. 23DC: Simple circuits; resistors in series & parallelRMar. 2421.4-5DC: Simple circuits; resistors in series & parallelFMar. 25With drawal deadline12MMar. 2912TMar. 2921.6-7DC: Kirchhoff's RulesWMar. 30RMar. 31In-class EXAM 3 (Ch. 26, 27, 28, 19, 20, 21)FApr. 01MApr. 0413TApr. 0522.1-2MF: Magnetic field; magnetic force on moving charges W Apr. 06RApr. 07Z2.3MF: Motion of charged particles in a magnetic fieldFApr. 0722.3MF: Magnetic force on current-carrying wire; loops & magnetic torque (cont.)WApr. 1114TRApr. 14MAP. 1815TMApr. 1815TMApr. 20RApr. 2123.5EMI: Motional e.m.f.						
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	11	Т	Mar. 22	21.1-3		Ch. 21: 1 – 59 (odd)
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	-				electric circuits	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$				21.4.5		
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		R	Mar. 24	21.4-5		
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	-	F	Mor 25		withurawai ueauiine	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$						
W Mar. 30 In-class EXAM 3 (Ch. 26, 27, 28, 19, 20, 21) R Mar. 31 In-class EXAM 3 (Ch. 26, 27, 28, 19, 20, 21) F Apr. 01 In-class EXAM 3 (Ch. 26, 27, 28, 19, 20, 21) M Apr. 04 In-class EXAM 3 (Ch. 26, 27, 28, 19, 20, 21) M Apr. 04 In-class EXAM 3 (Ch. 26, 27, 28, 19, 20, 21) M Apr. 04 In-class EXAM 3 (Ch. 26, 27, 28, 19, 20, 21) M Apr. 04 In-class EXAM 3 (Ch. 26, 27, 28, 19, 20, 21) M Apr. 04 In-class EXAM 3 (Ch. 26, 27, 28, 19, 20, 21) M Apr. 04 In-class EXAM 3 (Ch. 26, 27, 28, 19, 20, 21) M Apr. 05 22.1-2 MF: Magnetic force on moving charges Ch. 22: 1 – 59 (odd) W Apr. 07 22.3 MF: Magnetic force on current-carrying wire; loops & magnetic field In-class EXAM 3 (Co. 1) H Apr. 12 22.4-5 MF: Magnetic force on current-carrying wire; loops & magnetic torque (cont.) W Apr. 13 In-class EXAM 3 (Cont.) In-class EXAM 3 (Cont.) In-class EXAM 3 (Cont.) F Apr. 14 (cont.) In-class EXAM 3 (Cont.) In-class EXAM 3 (Cont.)	12			21.6-7	DC: Kirchhoff's Rules	
R Mar. 31 In-class EXAM 3 (Ch. 26, 27, 28, 19, 20, 21) F Apr. 01	12			21.0 7		
F Apr. 01 Image: Character of the system of					In-class EXAM 3 (Ch. 26, 27, 28, 19, 20, 21)	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	ľ					
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$						
$ \begin{array}{ c c c c c c c } \hline W & Apr. 06 & & & & & & & & & & & & & & & & & & $	13	Т		22.1-2	MF: Magnetic field; magnetic force on moving charges	Ch. 22: 1 – 59 (odd)
$\begin{array}{c c c c c c c c c c c c c c c c c c c $						
M Apr. 11 MF: Magnetic force on current-carrying wire; loops & magnetic torque (cont.) W Apr. 12 22.4-5 MF: Magnetic force on current-carrying wire; loops & magnetic torque (cont.) W Apr. 13 R Apr. 14 (cont.) F Apr. 15 Imagnetic force on current-carrying wire; loops & magnetic torque (cont.) Imagnetic force on current-carrying wire; loops & magnetic force on current-carrying wire; loop				22.3	MF: Motion of charged particles in a magnetic field	
14TApr. 1222.4-5MF: Magnetic force on current-carrying wire; loops & magnetic torque (cont.)WApr. 13						
W Apr. 13 magnetic torque (cont.) W Apr. 13 (cont.) R Apr. 14 (cont.) F Apr. 15 (cont.) M Apr. 18 (cont.) T Apr. 19 23.1 23.2-4 EMI: Induced e.m.f. Ch. 23: 1 – 73 (odd) W Apr. 20 (cont.) R Apr. 21 23.5				22.5		
W Apr. 13 Continuent R Apr. 14 (cont.) F Apr. 15 Content M Apr. 18 Content 15 T Apr. 19 23.1 EMI: Induced e.m.f. Ch. 23: 1 – 73 (odd) W Apr. 20 EMI: Magnetic flux; Faraday's Law; Lenz's Rule Ch. 23: 1 – 73 (odd) R Apr. 21 23.5 EMI: Motional e.m.f.	14	Т	Apr. 12	22.4-5		
R Apr. 14 (cont.) F Apr. 15 (cont.) M Apr. 15 (cont.) 15 M Apr. 18 15 T Apr. 19 23.1 23.2-4 EMI: Induced e.m.f. Ch. 23: 1 – 73 (odd) W Apr. 20 (cont.) R Apr. 21 23.5 EMI: Motional e.m.f. (cont.)		117	A = 12		magnetic torque (cont.)	
F Apr. 15 Image: Constraint of the system o			<u>^</u>		(cont)	
M Apr. 18 EMI: Induced e.m.f. Ch. 23: 1 – 73 (odd) 15 T Apr. 19 23.1 EMI: Induced e.m.f. Ch. 23: 1 – 73 (odd) W Apr. 20 EMI: Magnetic flux; Faraday's Law; Lenz's Rule Ch. 23: 1 – 73 (odd) R Apr. 21 23.5 EMI: Motional e.m.f. Ch. 23: 1 – 73 (odd)			-			
15 T Apr. 19 23.1 EMI: Induced e.m.f. Ch. 23: 1 – 73 (odd) W Apr. 20 EMI: Magnetic flux; Faraday's Law; Lenz's Rule Ch. 23: 1 – 73 (odd) R Apr. 21 23.5 EMI: Motional e.m.f.			-			
Image: Provide the state of	15			23.1	EMI: Induced e m f	Ch 23: $1 - 73$ (odd)
W Apr. 20 EMI: Motional e.m.f. R Apr. 21 23.5 EMI: Motional e.m.f.	15	1	11p1.17			on. 25. 1 75 (ouu)
RApr. 2123.5EMI: Motional e.m.f.		W	Apr. 20			
				23.5	EMI: Motional e.m.f.	
F Apr. 22		F	Apr. 22			

r		I	I		
	M	Apr. 25			
16	Т	Apr. 26	23.7-8	EMI: Inductance; <i>RL</i> -Circuits	
	W	Apr. 27			
	R	Apr. 28	23.7-8	EMI: Inductance; <i>RL</i> -Circuits (cont.)	
	F	Apr. 29			
	Μ	May 02			
17	Т	May 03	23.9-10	EMI: Energy stored in the magnetic field; Transformers	
				Classes End	
	W	May 04		Reading Day	
	R	May 05			
	F	May 06			
18	Μ	May 09		On-line cumulative Mass FINAL EXAM	
				(on the eLC, access open 7-10 pm)	
	Т	May 10			
	W	May 11			
	R	May 12			
	F	May 13		Commencement	
	Μ	May 16		Grades due (12:00 PM)	
19	Т	May 17			

Spring 2022 Calendar Based on 50 minute classes (MWF), 75 minute classes (TTH), 15 weeks of classes + Exams

Orientation / Advisement	Jan. 6	Thursday
Registration	Jan. 7	Friday
Classes Begin	Jan. 10	Monday
Drop / Add for undergraduate and graduate level courses	Jan. 10 - 14	Monday - Friday
Holiday: Martin Luther King Jr. Day	Jan. 17	Monday
Midterm	Mar. 3	Thursday
Last Day of Classes prior to Spring Break	Mar. 4	Friday
Spring Break	Mar. 7 - 11	Monday – Friday
Classes Resume	Mar. 14	Monday
Withdrawal Deadline	Mar. 24	Thursday
Classes End	May 3	Tuesday
Reading Day	May 4	Wednesday
Final Exams	May 5 - 11	Thursday - Wednesday
Commencement	May 13	Friday
Grades Due	May 16	Monday, 12 PM