

Physics & Astronomy Department

Credit hour compliance guidelines for ASTR 1300, ASTR 1400, PHYS 1100, PHYS 1200, PHYS 1300, PHYS 1400, PHYS 1500, PHYS 1600

We define the following for the average student for these courses.  
(Delete those not applicable to your courses and add other activities as appropriate.)

Activity	
Assigned readings	5 minutes per page (includes fact that students are expected to read through material twice).
Writing	2 hours for each page of a term paper.
Problem sets	2 hours per problem set.
Lab, Studio, or (music) practice time	25 minutes of extra in-class time per week (i.e. labs meet for 75 minutes rather than the 50 minutes that constitute one credit hour).
Individual projects	30 minutes for each night of observation.
Study/review (must be realistic!)	3 hours per week reviewing class notes and preparing for exams and quizzes.

Signature of Department Chair: Eric Fox - [Signature] Date: 5/1/18

# of credit hours	# of minutes in-class meeting each week	# of required minutes outside of class per semester
1	50 minutes	1680 minutes
2	100 minutes	3360 minutes
3	150 minutes	5040 minutes
4	200 minutes	6720 minutes
5	250 minutes	8400 minutes

Required time for a semester course

Physics & Astronomy Department

Credit hour compliance guidelines for PHYS 2000, PHYS 2010, PHYS 2100, PHYS 2110

We define the following for the average student for these courses.

*(Delete those not applicable to your courses and add other activities as appropriate.)*

Activity	
Assigned readings	300 pages x 12 min./page = 3600 minutes (12 min/page includes 2 readings of the material)
Writing (lab reports)	12 lab reports x 3 hrs/lab x 60 min/hr = 2160 min.
Problem sets	18 chapters x 150 min/chapter = 2700 min.
Study/review <i>(must be realistic!)</i>	5 exams x 6 hrs/exam x 60 min/hr = 1800 min.
Labs	70 min. per week x 14 weeks = 980 min. (Labs are 2 hours per week. 50 min. of those count toward the in-class time for a 1 credit hour class, leaving an extra 70 min. per week. There are 150 minutes of lecture per week, accounting for the rest of the required 200 minutes of in-class time.)

Signature of Department Chair: \_\_\_\_\_

*Sci Fox-Ryton*

Date: \_\_\_\_\_

*5/1/18*

# of credit hours	# of minutes in-class meeting each week	# of required minutes outside of class per semester
1	50 minutes	1680 minutes
2	100 minutes	3360 minutes
3	150 minutes	5040 minutes
4	200 minutes	6720 minutes
5	250 minutes	8400 minutes

Required time for a semester course

Physics and Astronomy Department

Credit hour compliance guidelines for ASTR 3xxx, ASTR 4xxx, PHYS 3xxx, and PHYS 4xxx  
(all 3000 and 4000 level physics and astronomy classes)

We define the following for the average student for these courses.  
(Delete those not applicable to your courses and add other activities as appropriate.)

Activity	
Assigned readings	12 min/page (includes 2 readings of material)
Writing	3 hours/page for term papers
Problem sets	2 hours per problem set.
Oral presentation preparation	4 hours/presentation
Lab, Studio, or (music) practice time	Note – Labs add an additional 1 credit hour to a class. The “X additional min/week in-lab time” is the amount of time spent in lab beyond the required 50 min. for a 1 credit-hour class.  Sophomore-level labs (PHYS 3201 & PHYS 3211) 2 hours per lab report, 100 additional min/week in-lab time.  Electronics (PHYS 3500) 90 min per lab report, 35 additional min/week in-lab time.  Optics (PHYS 4301) 4 hours per lab report, 2 additional hours/week in-lab time.
Study/review ( <i>must be realistic!</i> )	3 hours per quiz 6 hours per semester exam 9 hours per final exam  Note: these times include weekly study time throughout the semester (e.g. going over class notes), and not just cramming the night before the quiz/exam.

Signature of Department Chair: Eric Fox-Dunton

Date: 5/1/18

# of credit hours	# of minutes in-class meeting each week	# of required minutes outside of class per semester
1	50 minutes	1680 minutes
2	100 minutes	3360 minutes
3	150 minutes	5040 minutes
4	200 minutes	6720 minutes
5	250 minutes	8400 minutes

Required time for a semester course