

Physical Systems and Applied Mathematics, 2018-19
Program Syllabus Update (4/14/2019)
Spring Quarter

Below are updates to the winter quarter syllabus. Only items different from winter quarter are detailed.

Schedules: Our tentative quarter schedule is on the other side.

Our weekly class meeting schedule remains the same on Monday, Tuesday, and Thursday. On Wednesdays, students completing Advanced Lab Projects (ALP) give presentations from 9 – 10:30am. The time from 10:30am – 1pm is prioritized for ALP students, but is available for individual meetings on topics including academic and career planning (and related) for all PSAM students, but not intended for homework assistance.

Reading: Reading Responses are discontinued. Students are still expected to come to class having completed the reading.

Problem Set Notebooks: New PSN Logs are provided for spring.

Community Solution Sets: CSS for EM and QM are discontinued, though solutions produced by former PSAM students will be made available for each of these subjects. Solutions for CM will continue to be produced for submission to a weekly CM CSS. Each student will be responsible for typesetting solutions for three problems during the quarter, as assigned below.

EM Lab Reports: Students will produce high-quality typeset reports for two EM Labs that summarizes the activities, presents the data, and produces an analysis as per the lab directions, due at the end of weeks 22 and 24.

Exams and Revisions: Quixams in CM and EM continue each week on an alternating schedule (except Week 25, when Quixams in both CM and EM are scheduled), and Revisions follow the same schedule as before. Weekly QM Quizhomes continue as before.

There will be cumulative Final Exams in each of CM, EM, and QM, covering all material from winter and spring, along with revision opportunities. Exam Schedule is shown on the other side.

Advanced Lab Projects: Expectations for students working in ALP are discussed separately.

All PSAM students are expected to attend ALP Final Presentations in Week 30.

CM CSS Typeset Solutions Assignments:

	PS#11	PS#12	PS#13	PS#14	PS#15	PS#16	PS#17
Piper A	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		
Jonah A	<input type="checkbox"/>				<input type="checkbox"/>		<input type="checkbox"/>
Sophia B	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		
Kelsey B	<input type="checkbox"/>		<input type="checkbox"/>				<input type="checkbox"/>
Andrew C	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		
J D	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		
Emma E	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		
Paul F	<input type="checkbox"/>				<input type="checkbox"/>		<input type="checkbox"/>
Melody F			<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	
Conan K		<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	
Tamara K		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
Brayan L		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
Jorisha M		<input type="checkbox"/>		<input type="checkbox"/>			<input type="checkbox"/>
Connor M		<input type="checkbox"/>		<input type="checkbox"/>			<input type="checkbox"/>
Kyle M		<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>
Randa P				<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Zel R			<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	
Sean S				<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Mia W		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	

Tentative Spring Schedule

	Monday	Tuesday	Wednesday	Thursday	Notes
Conferences 4/1-4/5	No Class Meeting	CONFERENCES CONFERENCES	ALP	CONFERENCES EM/CM/QM	Conferences: Tue. am & pm, Thu. am Workshop: Thu. pm
Week 22 4/8-4/12	Quixam: E5 EM: 7.1-7.2	QM: 7.7-7.10; 7.11 CM: 8.1-8.4	ALP EM Lab II (Lab 2 2238)	QM EM/CM	Wed: EM Lab II 10am-1pm EM Lab I report due Fri
Week 23 4/15-4/19	Quixam: C6 EM: 7.3	QM: 9.1-9.6; 9.10 CM: 8.5-8.7	ALP	QM EM/CM	
Week 24 4/22-4-26	Quixam: E6 EM: 8.1-8.3	QM: 9.7-9.9; 9.10 CM: 9.1-9.5	ALP	QM EM/CM	EM Lab II report due Fri
Week 25 4/29-5/3	Quixam: C7, E7 EM: 9.1-9.2	QM: 10.1-10.4;10.6 CM: 9.6-9.10	ALP	QM EM/CM	Quixam C7 covers week 23 CM Quixam E7 covers week 24 EM
Week 26 5/6-5/10	Quixam: C8 EM: 9.3-9.4	QM: 10.5; 10.6; 11.1-11.4; 11.8 CM: 11.1-11.5	ALP	QM EM/CM	
Week 27 5/12-5/17	Quixam: E8 EM: 12.1-12.2	QM: 11.5-11.7;11.8 CM: 11.6-11.7	ALP	QM EM/CM	APS conference: Thu-Sat, Bellingham (optional)
Week 28 5/20-5/24	Quixam: C9 EM: 12.3	CM: 13.1-13.6 QM Quiz Wkshp EM/CM Wkshp	ALP	*QM EXAM	Tue: CM 9:30-11:30 am; QM 12:30-1pm; EM/CM 1-3:30pm
Week 29 5/27-5/31	Memorial Day: No class Quixam: E9 (at-home)	QM EXAM WKSHP EM Quixam Wkshp Acad Stat Wkshp	ALP	*CM EXAM	Tue:EM Wkshp 12:30-1:30; Acad Stat Wkshp 1:30-2:30 Fri: Science Carnival
Week 30 6/3-6/7	CM EXAM WKSHP (open)	*EM EXAM	ALP Final Presentations	EM EXAM WKSHP SEMINAR/FINAL CELEBRATION	Mon:CM Wkshp 9:30-12:30 Wed: All students attend ALP Final Presentations Fri: CM, QM Revisions due
Final Conferences			Conferences	Conferences	Mon: EM Revisions due 9am ALP Final Papers due 5pm

***Exams begin at 9am on scheduled day, and extend throughout the day. Details to be decided collectively.**