

BME 140 – Bionstrumentation

Instructor: Prof. Nader Pourmand

TA: Gepoliano Chaves, office hours: Wednesdays, 10 am - 11 am, E2-480

Days and times: TuTh 2:00pm – 3:45pm

Location: J Baskin Engr 165

Date	Assignment
09/24	Lecture
09/29	Lecture
10/01	Lecture
10/06	Lecture
10/08	Lecture
10/13	Lecture
10/15	Lecture
10/20	PCR/Pyrosequencing
10/22	PCR/Pyrosequencing
10/27	Midterm – 2 pages long proposal
10/29	Lecture
11/03	Emrah's Lecture
11/05	Emrah's Lecture
11/10	FACS/Nanopipette demo
11/12	FACS/Nanopipette demo
11/17	Students presentation
11/19	Students presentation
11/24	Students presentation
11/26	Thanksgiving
12/01	Student's presentation
12/03	Overview
12/08	Exam

Attendance list should be signed every class.

After the Pyrosequencing and PCR demo, a report must be written.

Students will be sent a paper every Friday and write a half-page summary to be handed-in the following Tuesday. On Tuesdays, students will be assigned a summary to critically peer review, due Thursdays. You will sign a list with your name and the other student's summary you are evaluating. Summaries and revisions should be typed. Students will be evaluated in both writing and peer-revision.

The midterm will be a two-pages proposal due October 27. Guidelines can be found on the course website:

<https://bme140-fall15-01.courses.soe.ucsc.edu/home>

Presentations will start November 17 and will be a talk 25 min long, with 5 minutes for questions. A biotechnology related topic which does not have to be new should be covered.