

Lectures/Credit: Fridays, 11AM-12PM; ST-402

1.0 Credit: Pass/Fail

Instructor: Professor M. Vazquez
Department of Biomedical Engineering

vaZqueZ@ccny.cuny.edu
Steinman Hall, ST-403D

Office Hours: Fridays 10⁰⁰AM-11⁰⁰AM, and by appointment

Course Website: www.cuny.edu (Login: Blackboard)

Attendance: Students are expected to attend every lecture at 1100AM with cell phones silenced. Please exit the classroom for emergency calls.

Course grades will be determined by written assignments and an in-class exam as listed. Assignments are due by the following lecture date. NOTE: Assignments will NOT be accepted from students who are absent or significantly late to the specified lectures.

2 Reports (350 Words Each)	
Ethics Case Study	25
Health Disparities	25
2 Summaries (200 Words Each)	
BME Lab Tours I	10
BME Lab Tours II	10
1 Final Exam (1-Hour, closed book)	20
Attendance and Participation	10
	<u> </u>
	Total: 100%
<i>* A grade of 'P' requires a minimum of 75%</i>	

Rules and Regulations:

1. Prompt attendance is required. Excused absences require prior notification to the instructor (via email or in person).
2. Students are encouraged to ask any and every question of interest relating to the BME dept, its policies, courses and BME research areas.
3. Plagiarism of any sort will result in an automatic dismissal from the course.
4. All student inquiries will be received openly and courteously from the class and instructor and/or guest lecturer.

CLASS SCHEDULE FOR FA2018

<u>Class</u>	<u>Date</u>	<u>Topics to be Discussed</u>
1	08.31.18	Introduction and Overview: Handouts and Logistics How can BME101 help me? Why do I need this course? What will I learn?
2	09.07.18	Professionalism and Academic Integrity How can students be professionals? Is group work permitted? <u>Guest Lecturer:</u> Dr. S. Stukes (Master's in Translational Medicine Program)
3	09.14.18	BME Curriculum: Shortcuts and Pitfalls How can I avoid being locked out of a course sequence? Do I have to graduate in 4 years? Are there any shortcuts? Can I/should I fit research into my schedule? <u>Guest Lecturer:</u> Dr. P. Payton (BME Department Undergraduate Administrator)
4	09.21.18	Biomedical Engineering Society Undergraduate Panel † What is BMES? How can it help me? Q&A with current BME undergraduates
5	09.28.18	Zahn Center Opportunities for Entrepreneurship <u>Guest Lecturer:</u> Dr. D. Voorsanger (Program Director, Tech Entrepreneurship)
6	10.05.18	Musculoskeletal Research in Biomedical Engineering <u>Guest Lecturer:</u> Prof. A. Carriero (BME Faculty)
7	10.12.18	Ethics Module in Biomedical Engineering <u>Guest Lecturer:</u> Ms. T. Singh (BME Doctoral Candidate)
8	10.19.18	Neural Research in Biomedical Engineering † <u>Guest Lecturer:</u> Prof. J. Dmochowski (BME Faculty)
9	10.26.18	Health Disparities and Biomedical Engineering <u>Guest Lecturer:</u> Prof. A. Motta-Moss (CUNY School of Medicine)
10	11.02.18	Cardiovascular Research in Biomedical Engineering <u>Guest Lecturer:</u> Prof. J. Tarbell (BME Faculty)
11	11.09.18	Guided Tours of BME Research Laboratories (Part I) †
12	11.16.18	Guided Tours of BME Research Laboratories (Part II) †
	11.23.18	Thanksgiving Break (No Classes)
13	11.30.18	Cell and Tissue Research in Biomedical Engineering <u>Guest Lecturer:</u> Prof. S. Wang (BME Faculty)
14	12.07.18	Wrap Up/Final Exam

† MV Off Campus