SYLLABUS

Instructor:	Prof. Scott Bunch ENG 404 110 Cummington Mall		Mechanical Engineering 617-353-7706 bunch@bu.edu	
Office Hours	:	By appointment		
Meeting Times:		Lectures: All lectures meet	esday 12:30pm-1:45pm 00m PRB-150.	

Purpose:

This course is designed to prepare and assist you during your role as a Graduate Teaching Fellow (GTF). As PhD students, you are not only generators of new knowledge through your research but also transmitters of established knowledge through your role as GTFs. This course will focus on improving the latter by teaching you established methods on effective techniques to transmit knowledge in the classroom.

"If I have seen further, it is by standing on the shoulders of giants." – Isaac Newton

Expectations:

• I expect you to attend all classes and be on time. If you are going to miss a class, email me in advance. You do not need to give me a reason.

- I expect you to participate in class.
- I expect you will complete all individual assignments.

Grading:

The course grade as Pass/Fail. There are no quizzes or exams in this class. Your grade will be based on a combination of attendance, class participation, individual written and oral assignemnts, and input from both your course faculty supervisor and peer mentor/mentee.

To pass the class you must complete all assignments on time and cannot miss for than 1 class.

Textbook: Recommended Textbook: David, Barbara G. "*Tools for Teaching*", 2nd edition, John Wiley and Sons, 2009.

Course Schedule:

Class	Торіс	Reading	Assignment Due
Lecture 1:	Rules, Roles, and	None	None
9/19/2017	Responsibilities of		
	a GTF		
Lecture 2:	Getting Under	Tools for Teaching,	Bring a typed
9/26/2017	Way, First Day of	Part I and II, pages	response to items 1, 2,
	Class, Syllabus,	1-93	6, and 8 of "Top Ten
	Student Body		To-Dos"
Lecture 3:	Leading a	Tools for Teaching,	Edit your syllabus

ME 801/802

Graduate Teaching Practicum

F	I		
10/3/2017	Discussion and	Part III and XI,	
	Office Hours	pages $95 - 127$ and	
		489-526	
Lecture 4:	Lectures	Tools for Teaching,	Pose a BIG question
10/17/2017		Part IV, pages 133-	
		167	
Lecture 5:	Field Trip	Professor Ray	Clicker question
10/24/2017		Nagem's Class	
Lecture 6:	Present a concept	Tools for Teaching,	Presentations Due
10/31/2017	in 5 minutes	Part IV and V, pages	
		168-251	
Lecture 7:	Present a concept	Tools for Teaching,	Presentations Due
11/7/2017	in 5 minutes	Part X, pages 459-	
	(continued)	481	
Lecture 8:	Clickers	None	Clicker Presentation
11/14/2017			Due
Lecture 9:	Clickers (cont)	None	Clicker Presentation
11/28/2017			Due
Lecture 10:	Enhancing	Tools for Teaching,	"What Motivates
12/5/2017	Learning and	Part VI - VIII, pages	You" Essay
	Motivating	257-419 and Part	and Test Problem and
	Students; Testing	XII, pages 527-551	Grading Rubric
	and Grading	and	and
	Finishing Up and	"The scientific	5 things you loved
	Ethics	fraudster who	and hated about class-
		dazzled the world of	Anonymous
		physics"	

Ethical Responsibilities:

Cheating or plagiarism on any assignments is an infringement on engineering ethics and will be dealt with accordingly. Plagiarism is a serious academic offense and should not be taken lightly. Understanding your ethical responsibilities is an integral part of becoming a professional engineer. Please recall that when you enrolled at Boston University, you agreed to an Academic Honesty Pledge. A copy of this pledge can be found in your student handbook. It details your responsibilities as well as the results of code violations.

Incompletes:

Incompletes will be permitted only for extenuating circumstances, and must be arranged before the end of the semester.

Students with Disabilities

If you qualify for accommodations because of a disability, please submit to me a letter from Disability Services in a timely manner so that your needs can be addressed.

Religious Observation

I respect individuals' rights to follow their own religious expression. Please let me know if a religious observation conflicts with a due date.