

BMES 201:  
Programming & Modeling for  
BME - I

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Engineering

# Contact

- **Contact**

- The instructor and TAs can be reached at:  
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- Subscribe to Discussion Forum!!

- **Instructor:**

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# Course Objectives

1. Ability to apply a mathematical description to an engineering problem
2. Ability to decompose a problem into components that can be formulated with known physical/mathematical/biological models
3. Ability to use computers and computer software for analyzing and solving problems
4. Understanding of the concept of intellectual property and ability to acknowledge the work of others in a consistent manner according to accepted standards

# Grading

- *Homework Assignments / Labs: 50%*
- *Midterm: 20%*
- *Final: 20%*
- *Attendance: 10%*
  - Waived if the rest of your grade is at least 90%

# Resources

- Textbook:
  - Matlab: A Practical Introduction to Programming and Problem Solving, Third Edition  
by Stormy Attaway, Butterworth-Heinemann 2013.
- Other Resources:
  - [www.google.com](http://www.google.com)
  - Matlab Central: File Exchange
  - [stackoverflow.com](http://stackoverflow.com)
  - Google Discussion Group

