

**Welcome to Unified!**

# Faculty



**Prof. Steven Hall**  
**Signals and Systems**  
**Course Coordinator**



**Prof. Ian Waitz**  
**Thermodynamics and Propulsion**



**Prof. Kristina Lundqvist**  
**Computers and Programming**

# Faculty



**Prof. Paul Lagace**  
**Materials and Structures**



**Prof. Mark Drela**  
**Fluids**



**Prof. Jean-Paul Clarke**  
**Systems (Fall)**

# Graduate TAs



Sean Bradshaw



Namiko Yamamoto

# Structure of Unified

- **Two subjects: 16.01, 16.02**
- **Five disciplines:**
  - **Fluid Mechanics (F)**
  - **Material and Structures (M)**
  - **Thermodynamics and Propulsion (T)**
  - **Computers and Programming (C)**
  - **Signals and Systems (S)**
- **Systems Problems**
- **Labs**

# Typical Week

- **7-8 Lectures**
- **2 Recitations**
- **System Problem or Lab Lecture**
- **Office hours**
- **Assignments:**
  - **Problem Set**
  - **System Problem**
  - **Quiz**

# **Registration Considerations**

- **All students must in Unified must**
  - **Have completed 8.01, 8.02, 18.01, 18.02 (or have an approved petition)**
  - **Have completed 18.03, or register for and remain registered for 18.03**
- **Unified is a 24 unit subject**
  - **Expect to budget 24 hours per week to Unified (Class + Prep)**
  - **Schedule other classes accordingly**

# **Exploratory Subject**

- **If you elect Unified as Exploratory, designate both 16.01 and 16.02 as Exploratory**
- **After Drop Date and no later than Registration Day of the succeeding term, students will be allowed to forfeit either or both of the grades assigned in Unified.**
- **If a student forfeits the grade assigned in both 16.01 and 16.02 and opts for Listener status, then the student cannot elect an Exploratory subject in the Spring Term.**
- **If a student forfeits only one of the grades assigned in Unified 16.01-16.02, then the student has a remaining Exploratory option to elect in the Spring Term.**
- **If a student elects 16.01-02 as Exploratory and does NOT forfeit either grade, he/she has a remaining Exploratory option to exercise in the Spring Term.**
- **Students are strongly advised to consult with the Unified subject coordinator if they have questions about grading policies in Unified Engineering**



# Resources

- **Web site: [web.mit.edu/16.unified/www](http://web.mit.edu/16.unified/www)**
  - **Course Facts**
  - **Syllabi**
  - **Learning objectives**
  - **Class notes**
  - **All handouts**
- **Textbooks**
  - **Buy textbooks at Quantum Books (Kendall Square), *not* the Coop.**

# **What can you expect from Unified?**

- **Expect to be challenged**
- **Expect to work hard**
- **Expect to learn a lot**
- **Expect to have fun**

# How to do well in Unified

- Come to class (awake!)
- Participate in the learning process
- Manage your time well
- Work smart
- Read ahead
- Get enough sleep
- *Contact us as soon as you feel you are having difficulties – we have a large team of people to help!*

**Welcome to Unified!**