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
  - 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!
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