MASTER OF AEROSPACE ENGINEERING ORIENTATION

Thursday, September 26, 2013
3:30 PM (Pacific Time)

- MAE Program Overview
  - Degree Requirements
  - Logistics
  - Degree Plans & Staying On Track
  - Distance Learning & Computing
  - Academic Integrity

- AE 598, “Aerospace Engineering Colloquium”

THE FIRST CLASS MEETINGS ARE NEXT WEEK.

AE 598, Colloquium: Monday, 4pm
AE 501, Analytical Methods: Tuesday, 6pm

By now, you should have…

• Established your UW NetID
• Established your @uw.edu email
• Registered for classes
UW MAE: Overview

- **Master of Aerospace Engineering (MAE)**
  Professional (terminal) graduate degree focusing on industry-oriented applications and advancing a career in professional aerospace engineering

- **Part Time Schedule**: The MAE is a part-time degree only.

- **Time-to-Degree**: The MAE requires three (3) years to finish.
A&A Graduate Committee

Professor Kristi Morgansen, Chair  Controls
Professor Bob Breidenthal  Fluids
Professor Anshu Narang-Siddarth  Controls
Professor Sett You  Propulsion/Plasma/Power
Professor Jinkyu Yang  Structures & Composites

Wanda Frederick, Assistant Director  Academic Programs
Ed Connery, Academic Advisor  Professional and Distance Learning Programs
UW MAE: Degree Requirements

- **Analytical Methods**
  AE 501, “Analytical Methods for Aerospace Engineering” (4 credits)
  - Must be taken in your first quarter. Pre-req for all other MAE classes

- **Core Area**
  Five (5) courses in your area of concentration (20 credits total)

- **Breadth**
  Three (3) courses outside your area of concentration (12 credits total)

- **Colloquium**
  AE 598, “Aerospace Engineering Colloquium” (1 credit per quarter)
  - Enroll every quarter. Total of nine (9) credits required.
UW MAE: Concentrations

- **MAE Concentration Available In:**
  - Controls
  - Fluids
  - Propulsion/Plasma/Power
  - Structures
  - Composites

- **Your Required Courses:** Refer to the department website to see which courses are required in your area.
  
  [www.aa.washington.edu/academics/mae.html#concentrations](http://www.aa.washington.edu/academics/mae.html#concentrations)

- **Declaring Your Concentration:** Students will be required to declare a concentration in Winter/Spring of their first year. Your concentration will appear on your transcript.
UW MAE: Logistics

- **Academic Calendar**: MAE courses and exams are all conducted according to the official UW Academic Calendar. [www.washington.edu/students/reg/calendar.html](http://www.washington.edu/students/reg/calendar.html)

- **Registration & Fees**: Registration for MAE students will always be coordinated through UW Professional & Continuing Education (PCE).

  PCE will email you directly when the schedule for a new quarter is posted and registration has opened.

  - Register and Pay Fees here: [www.outreach.washington.edu/evedeg/graduate/edge_reg.asp](http://www.outreach.washington.edu/evedeg/graduate/edge_reg.asp)
  - Do not register through MyUW.
Weekly Class Meetings: Whether you come to campus or participate online, all MAE classes meet once per week in the evening.

On Campus vs. Distance Learning: Distance learning participation relies on the exact same material as on-campus participation.

AE students automatically have access to on-campus class meetings and distance learning. Students are encouraged to attend in-person when possible (especially exams).
Important Note:

The generic degree schedules published on the department website will not apply to students admitted for Autumn 2013.
2013-2014 is the first year of the current MAE curriculum. As a result, there will be reduced course offerings this year.

- **AUTUMN:** AE 501, Analytical Methods *(Everyone)*

- **WINTER:** AE 520, Fundamental of Fluid Dynamics *(Fluids, P/P/P)*  
  AE 540, Mechanics of Solids *(Structures)*

- **SPRING:** AE 510, Linear System Theory *(Controls)*  
  AE 550, Mechanics of Composites *(Structures, Composites)*

*Note:* Some course numbers do not yet appear in the UW Course Catalog. They will be published in the coming quarter.
Staying On Track

Choose Courses Wisely…

• If a class in your area is offered this/next quarter -- Take It!

Minimum Academic Progress Includes...

• Cumulative GPA of 3.0
• Minimum grade of 2.7 in all required courses
• Full Department Policy (hyperlink)

Time Off (other than Summer)…

• Students must file an on-leave request.
• On-leave quarters count toward degree time limits (6 years).
UW MAE: Distance Learning

- **Distance Learning FAQs:** Most questions regarding distance learning are answered on our department website. [www.aa.washington.edu/academics/distancelearning.html](http://www.aa.washington.edu/academics/distancelearning.html)

- **Distance Learning Media:** Distance learning media can be found here: [http://moodle.extn.washington.edu/](http://moodle.extn.washington.edu/)

- **General Course Materials:** Additional materials such as homework, notes, grades, etc. will be available on Catalyst/Canvass. Your instructor will provide you with a direct link.
UW MAE: Computing

- **Local Network/Domain Accounts**: All students in the department have access to the local network for the computer lab, printing, etc. Account information will be emailed to you by the end of next week (Friday 10/4).

- **Remote Computing**: All Students in the department have access to remote Windows sessions as well as high-performance computing clusters. Details regarding access are available on the department website. [www.aa.washington.edu/students/computing/index.html](http://www.aa.washington.edu/students/computing/index.html)
Academic Integrity

Know the rules and ask for guidance.

Helpful Resources (hyperlinks)

- Academic Misconduct (FROG)
- Academic Misconduct (College of Engineering)
- Recognizing Plagiarism
- Understanding Plagiarism
Campus Safety

UW Police

- Campus Safety Alert System: [www.uwalert.org](http://www.uwalert.org)
- UWPD Non-Emergency: 206.685.8973
- Night Walk Program: 206.685.WALK
Questions?
AE 598: Aerospace Engineering Colloquium

Mondays, 4-5pm

Please attend in-person whenever possible. This will be a valuable opportunity to meet faculty, speakers, and classmates.

Next Week (9/30):
Introduction & Schedule
AE 501: Analytical Methods for Aerospace Engineering

Dr. Chris Lum, Instructor
Robert Vasil, Teaching Assistant
Congratulations & Welcome!

For access to detailed information any time, visit the department website: www.aa.washington.edu/academics/mae.html

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For specific issues and questions, contact the advising staff…

Ed Connery (Primary Advisor): econnery@aa.washington.edu
General Grad Advising Office: gradadvising@aa.washington.edu