COLLEGE OF ENGINEERING

Success Starts Here
Today’s Program

10:15 — 10:35 am  Check In

10:35 am  Opening Remarks  Jeffrey B. Goldberg, Dean

10:40 am  Synopsis: Classroom/Campus Technology  Phillip Medlock/ Mildred Curran/ Marisa Pope-Malings, Freshman Advisors

10:48 am  Classroom Expectations: A Professor’s Perspective  Armin Sorooshian, ChEE Associate Professor

11:01 am  Q & A with Panel  Engineering Student Council

11:45 am  Closing Remarks  James C. Baygents, Assoc. Dean
Who Am I?

I like Sweaters and golf shirts!

I needed a new wardrobe when I took this job.

After many months on the job! I am still smiling!

But....

My golf swing has struggled for a while!

- Born in Pittsburgh - 1957 (go Steelers!!)
- Inner City High School
- Middle Class Background
- Cornell BS, MENG
- Michigan PhD
- Industrial Engineering and Operations Research
- Married, 4 great kids, 3 new grandchildren
- 33rd year at UA
- Positive Attitude – Let’s get to work!
The College of Engineering Mission

Our mission is to improve the quality of life through excellence in education and research. To achieve this we will serve all who have an interest in our success and be the vanguard in the creation and improvement of the nation's essential systems and technologies. By emphasizing the fundamentals of math, science and engineering, we will foster life-long learning, leadership, and productive careers.
College Values

Excellence
Cooperation
Openness
Diversity
Ethics
Engineering Freshman Advisors

Mildred Curran  
(Last Name: A-J)

Phillip Medlock  
(Last Name: K-S)

Marisa Pope-Malings  
(Last Name: T-Z)

ENGR-Advising@email.arizona.edu
Engineering Freshman Advising

- Office: Engineering Building, Room 104
- Advising: walk-in hours M/W/F 1:30 - 4:00
- Remember your student ID
- Use your Catmail - Official UA email
- www.engineering.arizona.edu
- Math Tutoring
- Facebook & Twitter
- Go to Welcome Week events
- Have fun
- Use your Planner

ENGR-Advising@email.arizona.edu
Outline
(Here’s what we’re going to cover for the remainder of the hour)

• Synopsis of classroom/campus technology
• Classroom expectations
• The syllabus
• Code of Conduct/Academic Integrity
• Advice from successful students
Email Matters

• Official University Communication
• Email Etiquette (pg. 9 in your planner)
  – Create email filters
  – Don’t forget to check your UA email
  – Use your UA email account when corresponding with instructors
  – Use the ENGR-Advising@email.arizona.edu email
  – Include your first and last name, student ID, and intended major
  – Use correct spelling and proper grammar (do not use text speak)
  – Be formal and respectful
  – Reread and edit your email before you send it
  – DO NOT WRITE IN ALL CAPS
Free Tech Support

• 24/7 IT Support Center (UITS)
  – Phone: (520) 626-TECH (8324)
  – Walk-in: Martin Luther King Building (MLK) 207
    • 1322 E. 1st Street at Mountain

• OSCR Labs
  – Multiple locations around campus

• Software Licenses
  – softwarelicense.arizona.edu/UABookStores
    • Free Microsoft Office 365
    • Free Adobe Creative Cloud for all new students
    • Free antivirus/anti-malware
Adobe Creative Campus

• Partnership with Adobe
• Free Creative Cloud Access
  – Photoshop, Illustrator, Premiere and more
• Workshops and training also available

odl.arizona.edu/adobe
Online Security

• Forgot Your NetID Password?
  – netid.arizona.edu

• NetID+ - Passwords are no longer enough
  – Enroll in NetID+, UA’s two-factor authentication method – Duo Mobile

• On-Campus Safety - Use UAWiFi
  – Secure network – UAWiFi – log in once with NetID and password
  – Unsecure – UAGuest – requires login every 5 days

• Phishing - #1 way scammers hack accounts, computers, steal identities
  – Be informed and report that phish to infosec@email.arizona.edu
  – For more information: https://security.arizona.edu/phishing
For all your IT and Information Security resources:

studenttech.arizona.edu
Student Support Networks

- Faculty & Staff
  - Professors, Instructors
  - Academic Advisors
  - Teaching Assistants
- Dean of Students Office
- Writing Center (THINK TANK)
- UA Libraries
- Counseling and Psych Services (CAPS)
Perspectives from a Professor
Technology in the Digital Classroom

Desire2Learn (D2L)

- Course management system
- Access content 24/7 from any computer
- For those students in ENGR 102A and ENGR 196D, your D2L site is called “Introduction to Engineering Lecture Series”
UITs Alerts

- **ALL CLEAR: Data Center Switch Maintenance Affecting UITs Services, Sunday, August 16th, 8:00 a.m. to 12:00 p.m.**
- **ALL CLEAR: Network Maintenance, Saturday, August 15th from 7:00 a.m. to 11:00 a.m.**

**D2L Scheduled Service Interruptions:** Do not schedule D2L activities on any Friday night from 10:00 p.m. to 2:00 a.m. (Phoenix AZ time) as this time is reserved for maintenance and upgrades.

**How to Access a D2L Course**

- To sign in click the NetID button in the upper left corner of this page.
- Students cannot get into a D2L course site until approximately 1 week before the semester starts. If you do not see a site you are expecting to see then please email your professor to see if they plan on using D2L.

**What's New with D2L at the University of Arizona**

- **New D2L features list.**
- Recommended browsers include modern versions of Firefox, Internet Explorer, Safari, and Chrome. (If you are using chrome and encounter a button that will not click or a checkbox that will not check then switch to Internet Explorer on a PC or Safari on a Mac.)
- **D2L purge and archive policy.**

**What to Do If You Have Problems or Questions**

- Please take a look at the [D2L help pages](#). If you do not find an answer or solution, please fill out a Problem Report located on the D2L help pages.
- If you need help adjusting your browser or computer configuration then please contact the 24/7 IT Support Center, 520.626.TECH(8324).
- For general questions and comments please email [D2L@email.arizona.edu](mailto:D2L@email.arizona.edu).

**Policies**

- All University of Arizona and Affiliate users of this application agree to abide by the terms as outlined in the [UA Computer and Network Access Agreement](#).
- [UA Student Code of Conduct](#)
- [UA Code of Academic Integrity](#)
- [Additional policies](#)

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Tech Tools: Clickers

Clickers may be used for...

– Taking attendance
– Gauging prior knowledge of a subject
– In-class quizzes
– Self-paced testing
– Group activities
– Cell phone style text entry
– Classroom activity as determined by the instructor
Class Expectations

• Classroom Instruction & Assistance
  – Instructors
  – Teaching Assistants (TAs)
  – Preceptors
  – Graders
  – Mentors

• Office Hours
Class Expectations
Every course and professor is unique

• Expectations will differ class-by-class in:
  – Email
  – Syllabus
  – Grading
  – Communication
  – Office hours
  – Classroom behavior guidelines

• Individual professors define appropriateness in their class

• DO NOT use excuses for not following classroom policies based on hearsay; refer to your instructor’s expectations
Course Syllabus

What is a Syllabus?

“...a statement of intent and serves as an implicit agreement between the instructor and students.” (University of Arizona, 2016)
Infinite Possibilities …

Example of a Syllabus

Notable Components

- Course Prerequisites
- Instructor and Teaching Assistant (TA) Information
- Required Textbooks

Course Prerequisites
CHEE 201, CHEE 326, MATH 254

Description of Course
Study and apply the fundamental principles of chemical reaction engineering to design and analyze basic chemical reactors that contain both homogeneous and heterogeneous reactions.

Instructor and Contact Information
Prof. Armin Sorooshian (armin@email.arizona.edu); Harshbarger 108E; 520-626-6769
Office hours: Open Door Policy
Teaching Assistant: To Be Determined (XXX@email.arizona.edu); Harshbarger 112; Office Hours: Wed 1-3, Fri 1-3

Course Format and Teaching Methods
Lecture only with some interactive discussion

Course Objectives and Expected Learning Outcomes
Students are expected to knowledgeable and experienced with the following: (i) chemical reactor design equations under both isothermal and non-isothermal conditions; (ii) analysis of reaction rate data; (iii) multiple reaction scenarios; (iv) enzymatic reaction fundamentals; (v) catalysis and heterogeneous data analysis.

Absence and Class Participation Policy
The UA’s policy concerning Class Attendance, Participation, and Administrative Drops is available at: http://catalog.arizona.edu/2015-16/policies/classattend.htm

The UA policy regarding absences for any sincerely held religious belief, observance or practice will be accommodated where reasonable, http://policy.arizona.edu/human-resources/religious-accommodation-policy.

Absences pre-approved by the UA Dean of Students (or Dean Designee) will be honored. See: http://uhap.web.arizona.edu/policy/appointed-personnel/7.04.02

Participating in course and attending lectures and other course events are vital to the learning process. As such, attendance is required at all lectures and discussion section meetings. Students who miss class due to illness or emergency are required to bring documentation from their healthcare provider or other relevant, professional third parties. Failure to submit third-party documentation will result in unexcused absences.

Course Communications
Course Website: D2L website for ChEE 420/520

Required Textbook
*It is fine to use other editions of this book
Assignments and Examinations: Schedule/Due Dates
There will be approximately eight homework assignments, three midterm exams, and a final exam.

Homework: Homework is due at the beginning of class on the scheduled due date. To receive credit, all work must be original and that of the student and not from any other source (e.g., other students, solution manuals, etc.). Late homework will not be graded. Homework that is not stapled or that does not have your name will not be graded and will receive a grade of 0%. All work that is not picked up beyond 1 week after the first day a return is attempted will be recycled to ensure students are responsible and up-to-date.

Exams: Exams are open book/notes, and 75 minutes long (final exam though is two hours). You can use calculators and pencils (all other materials you will need for the exam will be provided).

Make-up exams: A make-up exam may be arranged if you notify the instructor before the regularly-scheduled exam. A makeup exam will be scheduled only if the student has a valid reason for missing the regularly scheduled exam.

Final Examination
The date and time of the final exam (also shown in previous table), along with links to the Final Exam Regulations can be found here:
http://www.registrar.arizona.edu/schedules/finals.htm

Grading Scale and Policies
The class will be graded on a straight scale (A = 100-90; B = 89-80; C = 79-70; D = 69-60; E: < 60) based on the assignments and weighting shown in this table:

<table>
<thead>
<tr>
<th>Grade Item</th>
<th>Percent Weight Towards Final Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Problem Sets</td>
<td>10%</td>
</tr>
<tr>
<td>Exam 1</td>
<td>20%</td>
</tr>
<tr>
<td>Exam 2</td>
<td>20%</td>
</tr>
<tr>
<td>Exam 3</td>
<td>20%</td>
</tr>
<tr>
<td>Final Exam</td>
<td>30%</td>
</tr>
</tbody>
</table>

Students taking the course as CHEE 520 for graduate credit should speak to the instructor about how the course experience will vary for them.

Requests for incompletes (I) and withdrawal (W) must be made in accordance with University policies which are available at http://catalog.arizona.edu/2015-16/policies/grade.htm#I and http://catalog.arizona.edu/2015-16/policies/grade.htm#W respectively.

Dispute of Grade Policy: Students have 7 days from the day an assignment is graded with a score on D2L to dispute a grade on any graded item during the semester.

Syllabi should contain:

- Description of graded items and grading scheme

Note: You can determine when all your final exams are based on day/time of your classes:
http://www.registrar.arizona.edu/schedules/finals.htm
### Syllabi should contain:

- Flow sheet of lecture topics, when major assignments are due, and when exams are...
Classroom Behavior Policy
To foster a positive learning environment, students and instructors have a shared responsibility. We want a safe, welcoming and inclusive environment where all of us feel comfortable with each other and where we can challenge ourselves to succeed. To that end, our focus is on the tasks at hand and not on extraneous activities (i.e. texting, chatting, reading a newspaper, making phone calls, web surfing, etc.).

Students are asked to refrain from disruptive conversations with people sitting around them during lecture. Students observed engaging in disruptive activity will be asked to cease this behavior. Those who continue to disrupt the class will be asked to leave lecture or discussion and may be reported to the Dean of Students.

Threatening Behavior Policy
The UA Threatening Behavior by Students Policy prohibits threats of physical harm to any member of the University community, including to one’s self. See: http://policy.arizona.edu/education-and-student-affairs/threatening-behavior-students.

Accessibility and Accommodations
Our goal in this classroom is that learning experiences be as accessible as possible. If you anticipate or experience physical or academic barriers based on disability, please let me know immediately so that we can discuss options. You are also welcome to contact Disability Resources (520-621-3268) to establish reasonable accommodations. For additional information on Disability Resources and reasonable accommodations, please visit http://drc.arizona.edu/.

If you have reasonable accommodations, please plan to meet with me by appointment to discuss accommodations and how my course requirements and activities may impact your ability to fully participate.

Please be aware that the accessible table and chairs in this room should remain available for students who find that standard classroom seating is not usable.

Code of Academic Integrity
Students are encouraged to share intellectual views and discuss freely the principles and applications of course materials. However, graded work/exercises must be the product of independent effort unless otherwise instructed. Students are expected to adhere to the UA Code of Academic Integrity as described in the UA General Catalog. See: http://deanofstudents.arizona.edu/academic-integrity/students/academic-integrity.

The University Libraries have some excellent tips for avoiding plagiarism available at: http://www.library.arizona.edu/help/tutorials/plagiarism/index.html.

Syllabi should contain:
• Behavioral Policies
• Special Accommodations

Individual Instructors’ syllabi will outline their specific expectations.
Student Support Resources

When life happens, who do you turn to?

People who want to help:

• Faculty & Staff (Academic Advisors)
• Student Assistance (Dean of Students Office)
Student Conduct & Academic Integrity

• Two important University Policies
  1. Student Code of Conduct
  2. Code of Academic Integrity

• Where to find them: Dean of Students website
  http://www.deanofstudents.arizona.edu/policies-codes
100% Engagement

Wildcats. Engineers. Real World Ready.

Your UA engineering degree has meaning. We make sure you have substantive experience applying the skills employers are looking for.

For more information on the kinds of in-class and non-credit opportunities that provide the “Engaged Learning Experience” notation on your transcript, you can visit osc.arizona.edu, see pg. 54-56 in your planner, or contact:

Heather Moore
heathermoore@email.arizona.edu
Career Engagement Coordinator
(Industrial Engineer)
Panel Discussion

**Marc Gefrides**
Senior
Electrical & Computer Engineering

**Nicole Gefrides**
Senior
Systems Engineering

**Alli Gilbreath**
Junior
Electrical & Computer Engineering

**Caitlin Moffett**
Senior
Biomedical Engineering

**Makena Smith**
Sophomore
Chemical Engineering

**Kira Zeider**
Sophomore
Environmental & Chemical Engineering
DEAN’S BBQ 2017

› AME Courtyard, 12:30-2:00 PM
› Walk-in registration while supplies last
   › $18 gets you food, swag, your class t-shirt, and fun
   › We can accept cash, debit, or credit card
› Get your class t-shirt
› For each introduction you make to faculty & staff,
   you will get a raffle ticket for prizes* like:
   › Lunch with Dean Goldberg
   › One pair of basketball tickets
   › Officially Licensed UA Gear

*you must be in attendance to claim your prize
BIGGER. BETTER. BASH!

Sunday, August 20th
7:30pm

On the mall in front of Old Main

All new students are invited to Bigger. Better. Bash! Learn what it means to “Bear Down” from UA experts including Wilbur, Wilma and the UA ZonaZoo. Attendees will receive their official Bear Down shirts.
KICK OFF YOUR SEMESTER WITH THE WEEK OF WELCOME.

Fri 18  Dean’s Welcome Cookout  
        12:30-2pm, AME Courtyard,  
        $18 at check-in (cash, credit/debit)

Sat 19  Pancake Linner  
        3-5pm, Old Engineering Courtyard

Sun 20  Getting Situated  
        2-5pm, Old Engineering Steps  
        6:30-9pm, UA Mall

Mon 21  First Day of Classes!

Tues 22  Women in Engineering Lunch  
         11am-1pm, Old Engineering Building

Wed 23  Engineering Honors Student Reception  
         5:30-6:30pm, Arbol de la Vida Courtyard

Thurs 24  Think Tank Ice Cream Social  
           3:30-4:30, Old Engineering Courtyard

Wed 30  Engineering Club Showcase  
         3:30-5:00, UA Mall

Questions? Lost? Come visit our information table in the lobby of the Engineering Building, August 21-August 23