WELCOME TO

Jim Schaaf
Associate Dean of Undergraduate Studies
Parent/Family College Overview
Summer 2018
• The academic life of a UC Davis student in the College of Engineering
• What makes up a degree in Engineering
• Strategies and resources for student success
• Opportunities for students to get involved
• What you can do as a parent/family member
SUCCESS IN CREATING SOLUTIONS

Engineers solve problems
Engineers create solutions for the good of humanity and the needs of society

- Being an engineer requires a great deal of responsibility
- When the discipline is practiced ethically and done well, engineers can command considerable respect by their peers and society
BLUEPRINT FOR STUDENT SUCCESS

Build an educational foundation

Build understanding to complete a degree

Build a support network
BUILD AN EDUCATIONAL FOUNDATION

Design and Application

Engineering, Science Specialization

Math, Physics, Engineering Fundamentals

Math, Science, Communication

Build an educational foundation | Build your understanding to complete your degree | Build a support network
A “TYPICAL” 10-WEEK QUARTER SCHEDULE

<table>
<thead>
<tr>
<th>WEEK</th>
<th>Activities and Assignments (typical 4 unit class)</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Three 50-minute Lectures, One 50-minute Discussion</td>
</tr>
<tr>
<td>2</td>
<td>Three 50-minute Lectures, One 50-minute Discussion, Graded Homework Due, <strong>Quiz</strong></td>
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## A "TYPICAL" 10-WEEK QUARTER SCHEDULE

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<td>Lab report, including pre- and post-labs</td>
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**Build an educational foundation | Build your understanding to complete your degree | Build a support network**
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Build an educational foundation | Build your understanding to complete your degree | Build a support network
• Weekly study time
  • 2-3 hours for each hour of lecture
  • 1 hour for each hour of discussion
  • 1 hour for each 2-3 hours of lab

= 50-60 hours of class and study time per week
GO TO CLASS – BEYOND ATTENDANCE

• Preview material that will be covered
• Attend every session
• Arrive on-time
• Actively participate
  ✓ PRO-TIP: Put phones on airplane mode
AFTER CLASS

• Review lecture notes and material regularly
• Attend Office Hours
  • Introduce themselves!
  • Ask questions
  • Review exams
• Tutoring
  • Teaching Assistants (TAs), departments, Academic Assistance and Tutoring, and/or residence halls
• Study alone AND with friends

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BUILD YOUR UNDERSTANDING TO COMPLETE YOUR DEGREE
UNDERSTANDING UNIVERSITY REQUIREMENTS

• Full-time students must be enrolled in 12 or more units
• Entry Level Writing Requirement (ELWR)
• American History & Institutions (AHI)
• General Education (GE)
WHY GENERAL EDUCATION (GE)?

• To develop critical thinking skills across disciplines
• General Education (GE) classes give students the ability to explore subjects in the areas of:
  • Arts & Humanities
  • Science & Engineering
  • Social Sciences
CHOOSING COURSES

• Prerequisites
• Each student has their own schedule
• Advice is personalized based on major, placement scores, student goals, and performance
• Work with their advisors to select the best courses for them
COMPLETING YOUR DEGREE

• 180 units minimum
• 2.0 Overall and 2.0 Engineering GPA
• University, College & Major Requirements, including GE
BUILD A SUPPORT NETWORK

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FIRST YEAR SUCCESS STRATEGIES

✓ Practice Good Time Management
✓ Use Tutoring and other Campus Resources
✓ Work with your Peers
✓ Meet with Faculty
☐ Meet with Advisor(s)
ADVISING AT UC DAVIS

Students

- Faculty Advisors
- Peer Advisors
- Major Advisors
- Engineering Undergraduate Office (EUO) Advisors

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<table>
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<tr>
<th>Who do you see if you...</th>
<th>EUO Advisor</th>
<th>Major Advisor</th>
<th>Peer Advisor</th>
<th>Faculty Advisor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Want to change majors</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Do poorly on a test</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Fail a class</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Have to miss class</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Want to get involved with research or find an internship</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Want to drop a class</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Want to change your schedule</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Want to join a club</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Need a study group</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Are interested in learning more about the major</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
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ENGINEERING UNDERGRADUATE OFFICE (EUO) ADVISORS

- Support for All Students in the College of Engineering
- Degree Certification
- Change of Major
- Major and Career Exploration
- Student Petitions
- Additional Advising Services

Not sure where to go? – Come to EUO

1050 Kemper Hall
Monday-Friday
8:00am-5:00pm
Drop-in Advising Available most afternoons from 1:00-4:00pm

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YOUR STUDENT HAS WHAT IT TAKES TO SUCCEED AT UC DAVIS

• Your student has proven their commitment to academic success
• You have met admissions standards set for success by our faculty
• You have a supportive community of faculty, advisors, and peers who are invested in helping you meet your academic goals
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OPPORTUNITIES FOR STUDENT INVOLVEMENT

Student Clubs

Design Teams and Competitions

Study Abroad

Internships

Research Opportunities
ICE CREAM SOCIAL

Save the Date!

**Thursday, October 5**

2:00-4:00pm

Bainer Hall South Lawn

Student Clubs,
Design Teams, and
FREE ICE CREAM!
Parents and Family members have responsibilities in the advising relationship:

• To ask questions and communicate with their student
• To encourage their student to schedule and keep academic advising appointments
• To encourage their student to learn the requirements of their particular academic program
• To encourage their student to seek help when needed, not waiting until a crisis develops
WHAT CAN YOU DO?

Parents and Family members have responsibilities in the advising relationship:

• To encourage their student to identify and integrate the many resources of the University to meet their unique educational needs and goals

• To encourage their student to explore, confirm, or revise their major and career goals

• To encourage their student to take responsibility for their education

• To support their student as they progress through their education
Today:
• Presentation by the College
• Presentation by Department Advisors

Today and Tomorrow:
• Individual advising appointments

Tomorrow:
• Registration
ON BEHALF OF

WELCOME

PARENT AND FAMILY OF

THE CLASS OF 2022!
CONTACT US

Engineering Undergraduate Office
1050 Kemper Hall
Monday-Friday
8:00am-5:00pm

engugrad@ucdavis.edu
530-752-1979