WELCOME TO

UCDAVIS
COLLEGE OF ENGINEERING

Jordan Dade
Academic Advisor – Engineering Undergraduate Office
Parent/Family College Overview
Summer 2019
• 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
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>
</tr>
</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>
</tr>
<tr>
<td>3</td>
<td>Two 50-minute Lectures, One 50-minute Discussion, <strong>Midterm</strong></td>
</tr>
<tr>
<td>4</td>
<td>Three 50-minute Lectures, One 50-minute Discussion, Graded homework</td>
</tr>
<tr>
<td>5</td>
<td>Two 50-minute Lectures, One 50-minute Discussion, <strong>Midterm</strong></td>
</tr>
<tr>
<td>6</td>
<td>Three 50-minute Lectures, One 50-minute Discussion, Graded homework</td>
</tr>
<tr>
<td>7</td>
<td>Three 50-minute Lectures, One 50-minute Discussion, Graded Homework Due, <strong>Quiz</strong></td>
</tr>
<tr>
<td>8</td>
<td>Two 50-minute Lectures, One 50-minute Discussion, <strong>Midterm</strong></td>
</tr>
<tr>
<td>9</td>
<td>Three 50-minute Lectures, One 50-minute Discussion, Graded Homework Due, <strong>Quiz</strong></td>
</tr>
<tr>
<td>10</td>
<td>Three 50-minute Lectures, One 50-minute Discussion, Graded homework</td>
</tr>
<tr>
<td>Finals</td>
<td>Two-hour <strong>Final Exam</strong></td>
</tr>
</tbody>
</table>
## A “TYPICAL” 10-WEEK QUARTER SCHEDULE

<table>
<thead>
<tr>
<th>WEEK</th>
<th>MATH</th>
<th>WRITING</th>
<th>CHEMISTRY</th>
<th>ENGINEERING</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Lectures, Discussion</td>
<td>Lectures, Discussion</td>
<td>Lectures, Discussion</td>
<td>Lectures, Discussion</td>
</tr>
<tr>
<td>2</td>
<td>Graded homework, quiz</td>
<td>Draft due</td>
<td>Lab report, including pre- and post-labs</td>
<td>Graded homework</td>
</tr>
<tr>
<td>3</td>
<td>Midterm</td>
<td>Midterm, Paper due</td>
<td>Lab, homework</td>
<td>Midterm</td>
</tr>
<tr>
<td>4</td>
<td>Graded homework</td>
<td>Quiz, draft due</td>
<td>Midterm</td>
<td>In-class presentation</td>
</tr>
<tr>
<td>5</td>
<td>Midterm</td>
<td>Paper due</td>
<td>Lab, homework</td>
<td>Graded homework</td>
</tr>
<tr>
<td>6</td>
<td>Graded homework</td>
<td>Midterm</td>
<td>Lab, homework</td>
<td>Quiz, graded homework</td>
</tr>
<tr>
<td>7</td>
<td>Quiz</td>
<td>Draft due</td>
<td>Midterm</td>
<td>Midterm</td>
</tr>
<tr>
<td>8</td>
<td>Midterm</td>
<td>Paper due</td>
<td>Lab, homework</td>
<td>In-class presentation</td>
</tr>
<tr>
<td>9</td>
<td>Quiz</td>
<td>Quiz</td>
<td>Lab, homework</td>
<td>Quiz</td>
</tr>
<tr>
<td>10</td>
<td>Graded homework</td>
<td>Paper due</td>
<td>Lab, homework</td>
<td>Group Project due</td>
</tr>
</tbody>
</table>

Build an educational foundation | Build your understanding to complete your degree | Build a support network
<table>
<thead>
<tr>
<th>WEEK</th>
<th>MATH</th>
<th>WRITING</th>
<th>CHEMISTRY</th>
<th>ENGINEERING</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Lectures, Discussion</td>
<td>Lectures, Discussion</td>
<td>Lectures, Discussion</td>
<td>Lectures, Discussion</td>
</tr>
<tr>
<td>2</td>
<td>Graded homework, Quiz</td>
<td>Draft due</td>
<td>Lab report, including pre- and post-labs</td>
<td>Graded homework</td>
</tr>
<tr>
<td>3</td>
<td>Midterm</td>
<td>Midterm, Paper due</td>
<td>Lab, homework</td>
<td>Midterm</td>
</tr>
<tr>
<td>4</td>
<td>Graded homework</td>
<td>Quiz, draft due</td>
<td>Midterm</td>
<td>In-class presentation</td>
</tr>
<tr>
<td>5</td>
<td>Midterm</td>
<td>Paper due</td>
<td>Lab, homework</td>
<td>Graded homework</td>
</tr>
<tr>
<td>6</td>
<td>Graded homework</td>
<td>Midterm</td>
<td>Lab, homework</td>
<td>Quiz, graded homework</td>
</tr>
<tr>
<td>7</td>
<td>Quiz</td>
<td>Draft due</td>
<td>Midterm</td>
<td>Midterm</td>
</tr>
<tr>
<td>8</td>
<td>Midterm</td>
<td>Paper due</td>
<td>Lab, homework</td>
<td>In-class presentation</td>
</tr>
<tr>
<td>9</td>
<td>Quiz</td>
<td>Quiz</td>
<td>Lab, homework</td>
<td>Quiz</td>
</tr>
<tr>
<td>10</td>
<td>Graded homework</td>
<td>Paper due</td>
<td>Lab, homework</td>
<td>Group Project due</td>
</tr>
<tr>
<td></td>
<td>Final</td>
<td>Final Paper, Exam</td>
<td>Exam</td>
<td>Exam</td>
</tr>
</tbody>
</table>

**Build an educational foundation** | **Build your understanding to complete your degree** | **Build a support network**
MAKING IT WORK

• 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
• 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
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

Build an educational foundation | Build your understanding to complete your degree | Build a support network
COMPLETING YOUR DEGREE

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

Build an educational foundation | Build your understanding to complete your degree | Build a support network
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

Build an educational foundation | Build your understanding to complete your degree | Build a support network
## Advising at UC Davis

<table>
<thead>
<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>
</tr>
</tbody>
</table>
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

Build an educational foundation | Build your understanding to complete your degree | Build a support network
Your student has what it takes to succeed at UC Davis

- Your student has proven their commitment to academic success
- Your student has met admissions standards set for success by our faculty
- Your student has a supportive community of faculty, advisors, and peers who are invested in helping you meet their academic goals
YOUR STUDENT HAS WHAT IT TAKES TO SUCCEED AT UC DAVIS

• Your student has proven their commitment to academic success
• Your student has met admissions standards set for success by our faculty
• Your student has a supportive community of faculty, advisors, and peers who are invested in helping you meet their academic goals
YOUR STUDENT HAS WHAT IT TAKES TO SUCCEED AT UC DAVIS

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

Student Clubs

Design Teams and Competitions

Study Abroad

Internships

Research Opportunities
ICE CREAM SOCIAL

Save the Date!

Thursday, October 3
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
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 Department Advisors**
- **Advising Available this afternoon through the start of classes**
ON BEHALF OF

WELCOME
PARENT AND FAMILY OF
THE CLASS OF 2023!
CONTACT US

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

engugrad@ucdavis.edu
530-752-1979