Student Success in the College of Engineering

www.engg.ksu.edu

Dr. Gary Clark, PE; Senior Associate Dean

Dr. Bette Grauer, PE; Assistant Dean (Retention, Diversity, and Inclusion)
Today’s Topics

• Overview of K-State and the College of Engineering
• College of Engineering Student “Demographics”
• Student Life and the Engineering Program
• Identify Services and Resources
• Identify Opportunities
  – UG Research; Study Abroad; Leadership
• Be Familiar With Student Services
FERPA and You

• Family Educational Rights and Privacy Act (FERPA) - a law that protects the privacy of student education records.
• Students educational records will be kept confidential.
• K-State can only disclose “directory” information to parents, but not grades/behavior/posted schoolwork
• We must have written permission from the student in order to release any information from their educational record.
• http://www.k-state.edu/registrar/parents/
Connect Newsletter
for Families of Freshmen Students

• Connect Newsletter
  http://www.engg.ksu.edu/news/connect/

• Provide your contact information at this link to receive Connect newsletter.
  http://www.engg.ksu.edu/news/connect/sign-up/
University

Engineering

Arts & Sciences

Others…..

Architectural Engineering & Construction Science

Biological and Agricultural Engineering

Other Departments and Programs

University

Colleges

Academic Departments
Who’s who in K-State engineering?

Dr Darren Dawson
Dean

Dr Gary Clark
Sr Associate Dean

Craig Wanklyn
Assistant Dean

Dr Amy Betz
Assistant Dean

Andy Fund
Assistant  Dean

LaVerne Bitsie-Baldwin
Multicultural Engg Program Director

Dr Bailey Sullivan
Teaching Asst Prof
First Year Program

Olga Heim
Student Services Director

Dr Bette Grauer
Exec Assistant to the Dean

Jennifer Thornburg
Retention Coordinator (SAS)

Keleigh Schettler
Academic Success Center Coordinator
College of Engineering Degree Programs

- Architectural Engineering
- Construction Science and Management
- Biological Systems Engineering
- Biomedical Engineering
- Chemical Engineering
- Civil Engineering
- Computer Science
- Electrical Engineering
- Computer Engineering
- Industrial Engineering
- Mechanical Engineering
- *Environmental Engineering*
  – Coming Soon

General Engineering is an option for 1st year students but is not a degree program
Engineering Selective Admissions

• Placement in Engineering or CS Programs
  – 24 ACT AND 3.00+ H.S. GPA
  – Pass MATH 220 (Calc 1) with a C or better
    • Some programs also have GPA criteria
• Placement in First Year Program (General Engineering)
  – 21 to 23 ACT and 3.00+ H.S. GPA
  – Self Selected General Engineering, unsure of major
• Recommended to Pathways Program
  – Less than 21 ACT
Students

ACT: 21 to 36
MATH 100/150 to MATH 222
Take 12 hours to 18 hours
Very Challenging -- Reasonable
College of Engineering Students

- Overall – 3600
- Women – 18%
- Multicultural - 12%
- From Kansas – 80%
- US Non-Kansas – 14%
- International – 6%
- Non-Traditional
College of Engineering Students

- 2011: 67%
- 2016, 2017, 2018: 78%

Freshman to Sophomore Retention
Go to Class; Go to SAS; Ask for help
College of Engineering Website

www.engg.ksu.edu

Key Links

– Student Services http://www.engg.ksu.edu/student-services/
– Academic Success Center http://www.engg.ksu.edu/asc/
– Current Students http://www.engg.ksu.edu/current-students/
– Computing Services http://cecs.engg.ksu.edu/
Key messages from our students…..

• The curriculum is challenging

• Student clubs and design teams are an important part of their education.
  – However, classes come first!

• Faculty and Student Services are great resources and are very willing to help
  – Do not be shy – Ask for help.
Student Course Schedules

• Not always ideal in their first semester.
• Dropping a class is common for students. But “Timing” is very important
• Go to the office of Student Services for help.

Spend “open” time on campus
Important dates – Fall 2019
Student Services sends out reminders for important dates.

August
• 26 Fall 2019 Term begins

September
• 2 Labor Day
• 3 Last day to add a class w/o electronic instructor/advisor permission
• 16 Last day for 100% refund ....
• 23 Last day for 50% refund ....
• 30 Last day to drop a regular session course without a W being recorded

November
• 1 Last day to drop a regular session course

November
• 25-29 Thanksgiving/Fall Break

December
• 16-20 Fall 2019 term examinations
• 24 Final grades available in KSIS
Free Tutoring and Supplemental Instruction

- Tutoring can mean the difference in passing or not for some students.
- Scholars Assisting Scholars (SAS) 1112 Engineering Hall – Tutoring for first and second year engineering courses http://www.engg.ksu.edu/sas/
- Academic Resource Centers in the Residence Halls
- Academic Assistance Center - Tutoring in Leasure Hall
What supplies does your student really need?

• Graphing calculator and instructions (TI 83, TI 83+, TI 84+…)
• Buy or rent textbooks; e-books…..
  – Your student will need them.
  – They will use some of the same books for multiple classes.
• PC? Can use an older PC, laptop or tablet for the first year. Then decide what is really needed for their program. [http://cecs.engg.ksu.edu/faq](http://cecs.engg.ksu.edu/faq)
• Computers are available on campus
• MS Office 365 – Free to K-State Students
  • [http://www.k-state.edu/its/office365/](http://www.k-state.edu/its/office365/) (need to activate annually)
• Engineering Paper
  – Union Book Store.
EXPERIENCE MORE, GET MORE WITH K-STATE 360

ENGINEERING FIRST YEAR

ENGINEERING FIRST-YEAR BADGE
What you do outside the classroom can transform your college experience from amazing to off the charts! Earn points by attending engineering events to unlock this badge.

COMPLETE THE FOLLOWING ACTIVITIES:
• Orientation class
• SAS tutoring (one session per semester)
• Career Fair (fall or spring)
• Engineering 101
• Four additional electives such as student council meetings, workshops and college events
Action Items for the freshman year...

- Find Fiedler Learning Commons, SAS, and **Student Services**
- Meet with academic advisor
- **Read K-State email !!!**
- Establish and use a calendar/planner (Outlook)
- Join an engineering organization.
- Go to “Company Spotlights”
- Go to every class, all the time.
Other Action Items …

• Create a resume’
• Go to the career fair (all-university and engineering) [Internships]
• Powercat Financial Counseling [www.k-state.edu/pfc/]
  – Budgeting; Credit use; Student loan planning and repayment; Saving; Managing debt; Transitioning to work after college; …
• Study Abroad ([www.k-state.edu/studyabroad/] )
University Student Services

• Academic Assistance Center
  – Tutoring
• Student Access Center
  – Disability Support Services
• Counseling Services
  – Short term counseling
  – Stress, relationships, career decisions, serious problems
• Student Life Office
  – Emergencies
  – Family support
• Lafene Health Center
  – Illness
  – Immunizations
  – West of Campus
Welcome to K-State Engineering!

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