Student Success in the College of Engineering

Dr. Gary Clark, PE; Senior Associate Dean

Dr. Bette Grauer, PE; Assistant Dean (Retention, Diversity, and Inclusion)
Note: This session will last for about 1 hour while your students are being enrolled in their fall classes.
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/
Parent Survey

Please:

• Fill out survey before you leave
• Leave in basket at the exit of the auditorium.
• Provide your contact information to receive parent newsletter.

http://www.engg.ksu.edu/news/connect/sign-up/
Who’s who in K-State engineering?

Dr Gary Clark  
Sr Associate Dean

Craig Wanklyn  
Assistant Dean

Dr Amy Betz  
Assistant Dean

Andy Fund  
Assistant Dean

Dr Bette Grauer  
Exec Assistant to the Dean

LaVerne Bitsie-Baldwin  
Multicultural Engg Program Director

Dr Bailey Sullivan  
Teaching Asst Prof

Olga Heim  
Student Services Director

Jennifer Thornburg  
Retention Coordinator (SAS)
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

• Admission to College of Engineering
  – *Pathways Program*

• Admission to Engineering or CS Program
  – 24 ACT AND 3.00+ H.S. GPA
  – Pass MATH 220 (Calc 1) with a C or better
    • Some programs also have GPA criteria
  – Unsure of Degree Program; Placed in General Engineering
Students

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

- 3600
- 18%
- 12%
- 80%
- 14%
- 6%
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%
College of Engineering Students

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

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

www.engg.ksu.edu

Key Links
– Academic Success Center
– Current Students
– Computing Services
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

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 am</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9:00 am</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10:00 am</td>
<td>English Composition</td>
<td></td>
<td></td>
<td></td>
<td>English Composition</td>
</tr>
<tr>
<td>11:00 am</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12:00 pm</td>
<td>Pre-calculus</td>
<td>Pre-calculus</td>
<td>Pre-calculus</td>
<td></td>
<td>Pre-calculus</td>
</tr>
<tr>
<td>1:00 pm</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2:00 pm</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:00 pm</td>
<td>General Chemistry</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4:00 pm</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Academy Seminar</td>
</tr>
<tr>
<td>5:00 pm</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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 instr/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
Tutoring / Supplemental Instruction

- Tutoring can mean the difference in passing or not for some students.
- Scholars Assisting Scholars (SAS) – free tutoring for many courses
- 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. Engg > Computing Services > FAQ
  – Computers are available on campus with every program.
  – MS Office 365 – Free to K-State Students
    • http://www.k-state.edu/its/office365/ (need to activate annually)
- Engineering Paper
  – You can find this in the union book store.
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...

- 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/](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!

www.engg.ksu.edu