College of Engineering
Diane Burrowbridge, P.E.
Coordinator of Academic Advising
Office: ASEC 225
Today’s Schedule

• College of Engineering Overview
• Your Fall Course Schedule
• Meet with Advisor and Plan Fall Classes
• Register for Fall Classes

uakron.edu/engineeringstudent
College of Engineering

- Celebrated 100th anniversary in 2014
- 5th oldest co-op program in the country
- Currently more than 3,000 undergraduate students
- Eight engineering majors over five departments
Co-op experience provides relevant, hands-on learning
Gain real-world engineering experience during your degree program.

Paid work experience
All co-op positions are paid positions. More than 90% of eligible students co-op.

You will learn more details about the Co-op Program during your first-year Tools for Engineering class.
Graduate with 12 or more months of work experience
50% of students accept full-time positions with their Co-op employers.

Find a job in your field
More than 90% of our graduates find a job in their field within six months of graduation.
Beyond the Classroom

Engineering Tutoring Program: Schrank Hall North

Women in Engineering Program (WIEP)
Living/Learning Community located in South Hall
WIEP Seminar & Discussion – led by Mrs. Heidi Cressman
(Consider when scheduling today.)

Men in Engineering Living Community: South Hall

Increasing Diversity in Engineering Academics (IDEAs)
Academic, personal and profession support for underrepresented students.
Beyond the Classroom

Student Design Teams
Teams design, budget, build and compete against other schools in projects related to their discipline.

Student Organizations (both campus-wide and engineering)
As time allows, get involved in groups that interest you!
Academic Advising

Your Advisors are Listed in “MyAkron” Student Center

- Faculty advisor
- Diane Burrowbridge
- Department Chair

Advisors assist with

- Course selection
- Degree requirements
- General UA questions

*First year students will be required to see an advisor in the Fall and Spring.*
## Which Advisor Should You See?

<table>
<thead>
<tr>
<th>Faculty Advisor (for your major)</th>
<th>Diane Burrowbridge (first-year students &amp; general questions)</th>
<th>Department Chair or Associate Chair (Second faculty advisor for your major)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upper level, degree-specific questions</td>
<td>First year questions regarding almost anything</td>
<td>Additional resource, specific to your major, as needed</td>
</tr>
<tr>
<td>Specific curriculum questions</td>
<td>UA campus resources</td>
<td></td>
</tr>
<tr>
<td>Research and career advice</td>
<td>General advice and assistance in any year</td>
<td></td>
</tr>
<tr>
<td>Help staying or getting back on track</td>
<td>Great place to start when you don’t know where to go.</td>
<td></td>
</tr>
</tbody>
</table>
## Typical First Year for Engineers

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Credits</td>
<td>Course Name</td>
</tr>
<tr>
<td>3</td>
<td>English Composition I</td>
</tr>
<tr>
<td>3</td>
<td>Principles of Chemistry I</td>
</tr>
<tr>
<td>1</td>
<td>Principles of Chemistry I Lab</td>
</tr>
<tr>
<td>4</td>
<td>Analy. Geom. &amp; Calculus I</td>
</tr>
<tr>
<td>3</td>
<td>Tools for (your major)</td>
</tr>
<tr>
<td>1</td>
<td>Physical Education</td>
</tr>
<tr>
<td>15 (+ or -)</td>
<td></td>
</tr>
</tbody>
</table>

Each degree program will vary slightly in the first year. After that, programs become more specific to each major.

**Tuition Plateau:** Cost is the same for 12-16 credits

**Full-time Student Status:** Minimum of 12 credits
# Math Placement

<table>
<thead>
<tr>
<th>ACT (Math)</th>
<th>SAT (Math)</th>
<th>COURSE for FALL</th>
</tr>
</thead>
<tbody>
<tr>
<td>28+</td>
<td>630+</td>
<td>Analytical Geometry and Calculus I (Calc I)</td>
</tr>
<tr>
<td>24-27</td>
<td>560-629</td>
<td>Precalculus</td>
</tr>
</tbody>
</table>

Options to discuss with your advisor if you’ve tested into Precalculus:
- Retake Compass Testing (for a fee & after taking practice tests)
- Math Contract

Note: A grade of C- or higher is needed to move to the next math class
## English Placement for Fall Semester

<table>
<thead>
<tr>
<th>ACT (English)</th>
<th>SAT (English)</th>
<th>COURSE for FALL</th>
</tr>
</thead>
<tbody>
<tr>
<td>28+</td>
<td>620+</td>
<td>English Comp II or Technical Report Writing</td>
</tr>
<tr>
<td>18-27</td>
<td>430-610</td>
<td>English Comp I</td>
</tr>
<tr>
<td>Credits</td>
<td>Course Name</td>
<td></td>
</tr>
<tr>
<td>---------</td>
<td>-----------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>English Composition (typically first year)</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Oral Communication (may be first year)</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Social Sciences (may be first year)</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Humanities</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Area Studies &amp; Cultural Diversity (non-eng. students must take 4 credits)</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Physical Education/Wellness (may be first year)</td>
<td></td>
</tr>
</tbody>
</table>

General education requirements will be discussed in more detail during your advising meetings in the Fall semester and beyond.
Discuss with Your Advisor

Advanced Placement (AP) Testing

• If your Fall schedule needs to be adjusted based on your AP scores, email an advisor listed in your Student Center.

• Information on the process to purchase AP credits will be emailed to you (not from engineering) by the end of the summer.

• AP credit does not need to be purchased this summer to have your schedule adjusted.

Post-Secondary Classes and/or Dual Enrollment

• To receive UA credit for these courses, the official transcripts must be sent to UA from the college that offered the courses.
Schedule Changes and UA Policies

Making changes to your Fall schedule
Contact your advisor first if you need to change your Fall schedule after today.

Repeating a class
Any class in which you received a C- or lower can be repeated (up to two times). The most recent grade you receive in the class is counted in your GPA.

Adding/Dropping/Withdrawing from a course
Be aware of deadlines!

UA Probation
GPA lower than 2.0
# High School vs. College

<table>
<thead>
<tr>
<th>High School</th>
<th>College</th>
</tr>
</thead>
<tbody>
<tr>
<td>May get by without reading the textbook</td>
<td>Reading the textbook is a MUST</td>
</tr>
<tr>
<td>May not have to study much</td>
<td>Plan to study 2-3 hrs/wk for each credit hr (15 credits = 30 hrs/wk min)</td>
</tr>
<tr>
<td>Multiple assignments and tests to determine your grade</td>
<td>Fewer assignments and tests determine your grade</td>
</tr>
<tr>
<td>Typically, classes meet every day and you spend a full year on each subject</td>
<td>Classes don’t meet every day and you will only spend 15 weeks on each subject</td>
</tr>
<tr>
<td>Contact with teachers five days a week</td>
<td>Faculty are available during office hours or by appointment</td>
</tr>
<tr>
<td>Minimal usage of tutors and library</td>
<td>Smart students know when they need help and use available resources</td>
</tr>
</tbody>
</table>
How to be a successful engineering student

- **Persistence:** it’s not a race!
- **Attend class and do homework!**
- **Time management and study skills** – two-three hours per week for each credit (Ex: Calc I is 4 credits so plan to study 8-12 hrs/week for Calc I)
- **Work with your advisor** to stay on track
- **Work with your instructors** and use our **tutors**
- **Read your email daily!**
- **Make connections** with your classmates!
Don’t Forget: Next Steps

• Bookmark our website: uakron.edu/engineeringstudent

• New Roo Weekend: August 28-30, 2015
  Look for emails from us!

• First Day of Class: Monday, August 31, 2015

• Refer to your handout for additional resources

• Parents – join our parent Facebook group and online Parents & Family Association! Visit uakron.edu/pfa
Thank you!
Any Questions?

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College of Engineering

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