Welcome Class of 2023!

First-Year College Welcome and Academic Advising

Prof. Stephen P. DeWeerth
Dean

Prof. Gregory Tonkay
Associate Dean for Academic Affairs
A: Advisors: No human is an island

The *academic support* system here is terrific—use it when needed! We want you to succeed…

There are many *academic support* Advisors:
- Dean Katherine Lavinder, Dean of Students
- Lori McClaind, Assoc. Dean of Students
  - Center for Academic Success (Tutoring)
  - Counseling Center & Other support
- Gryphons, Career Services, Study Abroad, RAS
- RJFs: Rossin Junior Fellows (upper class college ambassadors)
- Mentor Collective (opt-in)
First Generation Fan Club
Why might you need support?

• Lets do a little calibration: you will be benchmarking yourselves all semester
• How many of you were in the top ½ of your high school class? Hands Up!
• Keep hand up if you were in the top ¼
• OK, Hands Down!
• Most of you in the top ¼ are even in the top 10%
• I have an alarming statistic for you:
• Only half of you will be in the top half of your Lehigh class!
• Some will earn your first D or F!!
Your Academic Advisor…

Jennifer Helmuth will be advising the first year class - until degree programs are declared in March. (Located in PA 304)

• Handles academic issues: course selection and options
• Provides factual information on rules and procedures
• Provides your AltPin each semester to register
• Provides suggestions (advice), but final academic decisions are yours
• Refers you to academic support offices for specialized concerns
Advisor (continued)

• Jennifer Helmuth
  PA 304 (Office of Undergraduate Learning)
  x84460 (translates to 610-758-4460
  inengrug@Lehigh.edu (in engineering undergraduate)

• Generally available 8:00-4:45 (w/ lunch break) in PA 304
• Always a good idea to email or call ahead of time to find out availability or schedule an appointment
• Can “stop in” during non-peak times without an appointment
Program-Level FY Faculty Advisors

• Registration Process occurs in waves
• One person cannot handle the wave
• 18 Faculty will assist with advising when needed (Today, Oct/Nov for spring)
• Program-Level Faculty Advisors will also answer questions about programs and upper class courses if you are planning ahead
Upper Class Advisors

• “Major” Declaration in March when you select your degree program
• Assigned upper class faculty advisor in March/April when you declare a program (replaces Jennifer Helmuth)
• Programs assign based on numbers at declaration
• Use Program-Level FY Faculty Advisors to help you decide
How to address faculty/staff

• Most faculty in Rossin College have a Ph.D
  ▪ Professor XXX or Dr. XXX if Ph.D
• Most staff do not have Ph.D (but some do)
  ▪ Mr., Mrs., Miss, Ms

• Start emails with Prof. XXX, not “Hey”
• Be sure to sign emails with your name
• Provide LIN if they need to look up information
Today’s Advising session:
11:00 am – 3:00 pm
(Right after this session-locations on back of handout)

• See an advisor today in one of the listed rooms if you need to change your schedule or need advice
  
  *Always get advice from your advisor and secure AltPin*

• Any advisor will work today – pick one with a short line

• If you have upper-class course questions – PA 304

• Proceed to Packard 264 computer lab to change schedule if you need help (RJFs will be present to assist - need AltPin)

• You may have to visit departments for permissions (MATH, PHY, CHM, ENGR, ENGL)
# Advising on Friday, August 23

11:00 - 3:00 pm

## Office of Undergraduate Learning

<table>
<thead>
<tr>
<th>Room</th>
<th>Advisor(s)</th>
</tr>
</thead>
</table>
| PA 304 | Prof. Greg Tonkay (Assoc Dean)  
  Jen Helmuth (First Year Advisor)  
  Robin Armbruster (Admin Specialist) |

### All BioE interested students:

<table>
<thead>
<tr>
<th>Room</th>
<th>Advisor(s)</th>
</tr>
</thead>
</table>
| PA 324 | Prof. Anand Jagota  
  Prof. Susan Perry  
  Prof. Lesley Chow  
  Prof. Ines Seabra |

### All Other Students

<table>
<thead>
<tr>
<th>Room</th>
<th>Advisor(s)</th>
</tr>
</thead>
</table>
| PA 208 | Prof. Sabrina Jedlicka  
  Prof. Masashi Watanabe  
  Prof. Jerry Lennon |
| PA 216 | Prof. Doug Frey  
  Prof. Chengshan Xiao |

See handout for all advisor locations.  
This is only for today

Not everyone assigned to a room is there the entire time.

Assigned to shifts
Handout Topic B. Also note...

**Schedule**: Check it and understand it

- Right courses? Right # credits?
- Need any changes? Know what to take & how to sign up?
- Typical schedule:
  - **English, Math, Natural Sci, ENGR 5** (or BioE 1) & **ENGR 10** (½ class fall, ½ class spring)
  - Natural Science: **Chem 30** or **Phys 11/12**
  - If you are considering BioE, you should be in CHM 30 this fall because you need BIOS 41 in the spring in addition to PHY 11/12.
Interested in BioE?

- English 1 3 cr
- Math 21 4 cr
- BIOE 1 1 cr
- CHM 30 4 cr Prereq for BIOS 41
- ENGR 10 2 cr
- Total 14 cr

Elective courses (Optional): Music, theater, CSE 2
17 cr maximum in fall, 18 cr maximum in future
Otherwise…

<table>
<thead>
<tr>
<th>Option 1</th>
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<tbody>
<tr>
<td>English 1 3 cr</td>
<td>English 1 3 cr</td>
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<tr>
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<td>Math 21 4 cr</td>
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<tr>
<td>ENGR 5 2 cr</td>
<td>ENGR 5 2 cr</td>
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<tr>
<td>PHY 11/12 4+1 cr</td>
<td>CHM 30 4 cr</td>
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<tr>
<td><strong>Total 14 cr</strong></td>
<td><strong>Total 15 cr</strong></td>
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</table>

Elective courses (Optional): Music, theater, CSE 2
17 cr maximum in fall, 18 cr maximum in future
College Core

- ENGL 1, 2
- MATH 21, 22, 23*, 205*
- PHY 11+12, 21*+22*
- CHM 30
- ENGR 5, 10
- ECO 1*
- HSS electives (>= 13cr)*
  - 4 course minimum, no 1 cr courses

*Upper class courses
Free Elective Courses

• Some students registered for FE already – you do not need one
• FE blocks are built into programs in future years
• Many engineers fulfill FE with co-op or minor
• Some courses still have capacity
• Music opportunities (either credit or no credit = default)
  ▪ Marching Band, Choral Union, Private Lessons (fee)
    – sign up in banner
  ▪ Auditions today and tomorrow ZAC (check times)
  ▪ Choral Arts, Orchestra, Jazz & Wind ensembles
Math Alternatives***

*Calculus Advising: Today at 11:00 – 3:00PM*
*(Chandler-Ullman, Room 212)*

- **Calculus: Math 21, 22, 23, plus Math 205**
  - Normal 4-semester engineering sequence
- **Math 75/76:** Slower paced, 2-semester substitute for Math 21
  - ALEKS Exam to move to Math 21 – please take/retake!
- **Math 000: Precalculus**
  - ALEKS Exam to move to Math 76 or Math 21 – please take/retake!
- If in Math 75 or 0, add another elective (HSS) to increase credits
- **Math 51/52, Math 81:** Do **NOT** take
- **Math Department,** Coordinator: Mary Ann Dent (mad8@lehigh.edu)
  - Office in Chandler-Ullman (CU), Rm. 210
  - No calculators allowed in Math exams!!!!
  - If in doubt, Math advising can help you get into right course
AP Credit

- Your AP credit should be listed in banner
- If you feel you have AP credit but not in the system, you must go to RAS (Registration and Academic Services)
- Advisors cannot assume you have credit

- **With AP in English 1**: Take English 11 = (equivalent to Engl 2 some in Fall, some in Spring)
- **With AP in English 1 & 2**: Take Eco 1 or other Humanities or Social Science (HSS) course

- You need Eco 1 & four more HSS courses for graduation
- To rescind AP credit, just register for Lehigh course (most recent grade counts)
Check AP Credits Degree Audit

Click on green columns to filter course list below by term or use the 'filter by' drop down menu below. If you wish to return to the entire course list, just reset the 'filter the title of the filter such as "Year" and "Term"')

<table>
<thead>
<tr>
<th>Term</th>
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<th>Course</th>
<th>Hours</th>
<th>Grade</th>
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<tr>
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<td>Principles Of Economics</td>
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<td>ECO 099</td>
<td>2.00</td>
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<td>AP Credit</td>
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<td>ENGL001</td>
<td>3.00</td>
<td>AP</td>
<td>Crit Reading and Composition</td>
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<td>MATH021</td>
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<td>AP</td>
<td>Calculus I</td>
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Check AP Credits in Banner Transcript

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<th>AP EXAM:</th>
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<th>Grade</th>
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<td>Principles Of Economics</td>
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<td></td>
<td>ECO</td>
<td>099</td>
<td>Economics Elective</td>
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<tr>
<td></td>
<td>ENGL</td>
<td>001</td>
<td>Crit Reading and Composition</td>
<td>TR</td>
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<tr>
<td></td>
<td>MATH</td>
<td>021</td>
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<table>
<thead>
<tr>
<th>Attempt Hours</th>
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<td>0.000</td>
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</tbody>
</table>
Notes on Drop/Add

• No overloads for first year students in the fall. Maximum 17 credits

• Add Period via web (online):
  Through September 1 (1st week)

• Registration same as summer except you need AltPin to add or drop courses

• Last day to drop a course is Tuesday, November 12th. After that you will receive a grade.
Important Rule on Retaking Courses

• A student may repeat a course only twice – a total of three attempts. A W counts as an attempt.
Drop/Add Process (continued)

- Exception to Add/Drop Schedule:
  - See Math department to drop back to Math 21, 22,
    - If you accepted AP credit and are in the next higher Math and you feel overwhelmed, you are allowed to drop back, e.g. Math 22→21 or Math 23→22
    - Check with Math Dept for deadline to drop back – usually right after the first big EXAM (called a “Common Hour Exam”), from Sept 23 to Oct 3
    - Do not rush to switch now, but don’t wait until last minute
    - Subject to availability of openings without changing other classes
  - Last day to add without instructor permission: Sept 1st
  - Paper form: Use after Sept. 1st (after 1st week)
  - To change course or section: you add one, drop the other. There is no change button or change form
WARNING

- Do **NOT** try to change your schedule because you don’t like the class times or locations.

- With all the engineers and science students, there is extreme pressure on CHEM, PHY, MATH, and ENGR 10 spaces. Provost limits number in ENGL 1, 11 sections

- Some of you will have received additional AP credits or have not received credit you thought you would get. You might have to change your schedule. If so:

- Contact the department offering the course to make sure you have a spot before dropping a different section. Your advisor cannot put you in a course or reserve a spot for you.
If a class you want is closed...Don’t despair (yet).

• You have until the end of next week to add classes. You will get the classes you need – don’t panic.

• The Math, Physics, and Chemistry departments will work with you to find a spot in the class you need, but you need to go to their offices. Advisors can tell you where to go. Be persistent.

• Undergraduate Learning Office (PA 304) I will get you into ENGR 5 and 10 this semester or ENGR 10 next semester. It may not be when you prefer.

• ENGR 5, 10 and Natural Science (CHM 30 or PHYS 11/12) are usually full except for spot openings. Just because Banner says there is a seat available, does not mean it will let you add it.

• Don’t drop a course just to switch for convenience.

• Remember, there is no ENGR 5 in the spring.

• If cannot get a needed class by Tuesday – let us know
# First Semester Schedule - Student Copy

**Advisor:** Jennifer Helmuth  
**College:** P.C. Rossin Engng & Applied Sci

## 2019 Fall Semester Schedule

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>40634</td>
<td>CSE 017-010</td>
<td>Programming &amp; Data Structures</td>
<td>3</td>
<td>MWF</td>
<td>0920-1010</td>
<td>CU 118</td>
<td>Arielle Carr</td>
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<tr>
<td>40100</td>
<td>ENGL 001-048</td>
<td>Crit Reading and Composition</td>
<td>3</td>
<td>TR</td>
<td>1500-1615</td>
<td>DR 002</td>
<td>Matthew Werkheiser</td>
</tr>
<tr>
<td>42041</td>
<td>ENGR 005-110</td>
<td>Intro To Engineering Practice</td>
<td>2</td>
<td>F</td>
<td>1335-1450</td>
<td>PA 101</td>
<td>Gerard Lennon</td>
</tr>
<tr>
<td></td>
<td>M</td>
<td>1335-1615</td>
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<tr>
<td>40148</td>
<td>MATH 021-113</td>
<td>Calculus I</td>
<td>4</td>
<td>MW</td>
<td>1045-1200</td>
<td>RB 184</td>
<td>Andrew Harder</td>
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<td></td>
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<td>1210-1300</td>
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<td>40241</td>
<td>PHY 011-212</td>
<td>Introductory Physics I</td>
<td>4</td>
<td>MW</td>
<td>1210-1300</td>
<td>LL 270</td>
<td>Jerome Licini</td>
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<td>LL 310</td>
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<td>40260</td>
<td>PHY 012-075</td>
<td>Intro Physics Lab I</td>
<td>1</td>
<td>W</td>
<td>1625-1905</td>
<td>LL 222</td>
<td>Jean Toulouse</td>
</tr>
</tbody>
</table>

**T**=Tuesday, **R**=Thursday

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**Academic Building Codes**

<table>
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<tr>
<th>Code</th>
<th>Building</th>
<th>Code</th>
<th>Building</th>
<th>Code</th>
<th>Building</th>
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<tbody>
<tr>
<td>BC</td>
<td>Building C - Mountaintop</td>
<td>IL</td>
<td>Imbt Lab</td>
<td>RB</td>
<td>Rauch Business Center</td>
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<tr>
<td>CO</td>
<td>Coppee Hall</td>
<td>LI</td>
<td>Linderman Library</td>
<td>SI</td>
<td>Sinclair Laboratory</td>
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<tr>
<td>CU</td>
<td>Chandler-Ullmann Hall</td>
<td>LL</td>
<td>Lewis Lab</td>
<td>ST</td>
<td>STEPS Building</td>
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<tr>
<td>DR</td>
<td>Drow Hall</td>
<td>MG</td>
<td>Maginnes Hall</td>
<td>WB</td>
<td>Wilbur Workshop</td>
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<td>Fritz Lab</td>
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<td>Mohler Lab</td>
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<td>Mudd Building</td>
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<td>Iacocca Hall</td>
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<td>Packard Lab</td>
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</table>

*Please note: This schedule is accurate as of the print date. Current schedules should be viewed in Banner.*

Printed on: 8/19/2019
Grading

• Not a standardized % for grades
• Instructors can define their own criteria
• Some curve, others do not

Syllabus should explain the grading policy

• Know the course policy on collaboration

• You must have a C- or better in all prerequisites to take the next course
C. OFYE Activities and 5x10

Redefine Yourself
Who do you want to be?
Surround yourself with new friends with similar values
Friendships could last a lifetime

Learn from Orientation Activities

Use 5x10 Sessions to Learn and Experience
D. Tips for Success

#1. Time Management:

Typical High School weekly schedule:
30-35 hrs in class, Homework: 15 hr? 10 hr ? 0 hr?

Typical Lehigh:
16-18 hrs in class, Homework/study up to 40 Hr
?? Varies, cyclical - often correlated with success

Many problems stem from poor time management!
#2. Study Skills:

- Start Tutoring now!!
  - Dorms, Groups, Individual
- You really learn when you teach others
- Look at material before the class
- Get help from faculty/TAs in office hours
- Work in groups when it doesn’t violate instructor policy
- Practice by working out problems – few multiple choice exams in engineering/science/math
D. Tips for Success

#3. Physical well-being:

- Sleep, health, fitness and exercise
- Relaxation/stress reduction
- Activities outside the classroom

FIND YOUR PASSION
Experiential Learning

• Lab Courses
• Capstone Design and Projects

• Internship
• Engineering related clubs
• External sponsored contests
• Research with faculty member
• Activities abroad
• Mountaintop projects, workshops, “thons”
FYS Information

• This presentation and the handouts today can be found at:

http://go.lehigh.edu/rcfys

Remember: BE SAFE
Office of Undergraduate Learning
Packard Lab 304

Key Individuals

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