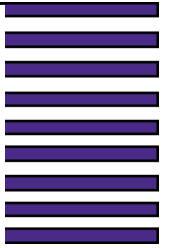




SCHOOL OF ENGINEERING AND COMPUTER SCIENCE



Bits & BYTES

ISSUE 3 | OCTOBER/NOVEMBER 2024 | VOLUME 2

SECS has Over 50 Student Visits this Fall

With only six weeks remaining in the Fall 2024 semester, our student visit count looks great for recruiting! We have had over 50 individual visits so far this Fall, and more than 20 more scheduled to happen before we dismiss for Winter recess. These numbers don't include the students who attend Purple Visit Days or other Scholar Fairs during the year.

High school Juniors and Seniors as well as transfer students from other schools are considering whether or not to make UE and the School of Engineering and Computer Science a part of their future. These students not only get a campus tour and meet with an admissions counselor while on campus, each visitor also meets with a professor in the field they are interested in, gets a tour of SECS labs, and has the opportunity to talk with an Engineering Ambassador (current Engineering student) over coffee. As a gift for visiting, our guests receive special SECS branded gift—a pencil pouch filled with a deck of cards, pens, and stickers (all branded with UE or SECS logos). Each of our SECS visitors also receives a follow-up note in the mail from the professor they met with.

We are on target to meet or exceed the number of visits we had last Fall

The number of visits this Fall semester indicates that we are on target to meet or exceed the number of visits we had last Fall. This is a good indicator that our recruitment efforts are working. We want to thank our Engineering Ambassadors for all of their efforts to help with recruiting. More importantly, however, we want to thank the professors in the School of Engineering and Computer Science who make the time to meet with potential students and to follow up those visits with personal notes. Our enrollment and programs are growing because of the work you do!

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IDOT is Hiring Transportation Engineering Professionals.



CHANGING LIVES.
CHANGING THE WORLD.





Associate Dean's Corner

Dear Members of the School of Engineering and Computer Science (SECS) Community,

In the spirit of gratitude this season, I want to acknowledge the hard work from each of you to make our school a place where collaboration and meaningful learning thrive. We just concluded the advising and registration weeks recently. In the coming weeks, we will be promoting the School of Engineering and Computer Science programs through various outreach activities such as the SICTC career fair, and Junior Achievement JobSpark.

I would like to highlight our SECS student organizations in my message this month. It is a delight to watch them grow slowly but steadily after a challenging hiatus due to Covid, and I look forward to seeing all the great things they will accomplish in the future. Each of our student organizations offers something unique, and together, they create a supportive environment where students can grow collectively, learn, and connect with each other away from the classroom.

Our ASCE Student Chapter is already gearing up for the IN-KY Student Symposium in April, with plans to compete in many competitions that stretch their creativity and teamwork. Our Society of Women Engineers (SWE) chapter is also making strides, staying true to its mission of empowering women in engineering. In the same spirit, our ACM, ASHRAE, ASME, and IEEE chapters have been trying to be active organizations and continue to build for the future. None of this would be possible without the dedication of our faculty advisors and the enthusiasm of our student leaders. I encourage everyone to get involved in the student chapter organized activities and support our student organizations in any way you can.

Wishing you all a productive and inspiring month ahead!

Sincerely,

Suresh Immanuel, Ph.D., P.E.

Associate Dean and Professor

School of Engineering and Computer Science

Senior Design Teams

CE 495 SENIOR DESIGN TEAM

This year's Civil Engineering Senior Design team includes five CE Seniors: Nick Collins, Baylee Essert, Henry Hall, Aiden Krutchen, and Erika Phillips. The team is working on the Lake Talahi Dam.

The students have met with developers and are learning the project needs so they can do their design work.

UE ACES RACING TEAM

This year's Aces Racing Team is being led by 5 ME Seniors: Kaleb Werner, Nick Taylor, Sam Morgan, Jakob Grundbacher, Dani Santos Lopez, Gracie Davidson, Kaylee Ivy, & Owen Bryant. They will be working on a Formula One Car Design.

The team held interviews and selected team members to help them with the project this year. They are currently in the process of obtaining an engine for their vehicle. We look forward to hearing more about this project in time.

THERMOSIPHON TEAM

This year's Thermosiphon team is being led by two seniors: Essa Ahmed and Swarup Bhatta. They are getting things setup to start their research. The team held interviews and selected team members to help with the project this year. They are looking for a few additional team members to help with monitoring the system. If you are interested, please reach out to Essa Ahmed via e-mail at ea147@evansville.edu.

ALUMNI NEWS

Samantha Elkins Receives Promotion

Samantha Elkins, a 2024 Civil Engineering graduate was recently promoted to City Designer. She began working with the City of Evansville Engineering Department the summer of 2023 as an intern, and continued working part-time through her senior year at UE. Upon graduation, she was hired as a full-time engineer.

Congratulations on your promotion!

IMPORTANT DATES

November

- 1** Purple Visit Day
Early Action Admission Deadline
- 8** Last Day to drop a course with a "W"
- 9** Fall Homecoming
- 15-16** Board of Trustees Meeting
- 23** UE Scholar Day
- 27-Dec 1** Thanksgiving Recess (No Classes)

December

- 2** Classes Resume
- 3** Last Day to drop a course with a "W"
- 4** Winter on Walnut
- 5** Reading Study Day
Pancake Study Break for students
- 6-12** Final Exams
- 13** Winter Intercession Begins
- 16** Last day to add a Winter Intercession course
- 21** Winter Break Begins

January

- 2** Last Day to drop a Winter Intercession course with a "W"

Student Organizations

SECS

students were asked are welcome to join any of the professional student organizations that relate to their major. Here at University of Evansville, SECS has established student organizations for ACM, ASHRAE, ASCE, ASME, IEEE, and SWE.

ASCE

President: Luke Gramza, class of 2026

The ASCE Student Chapter meets on the 2nd Tuesday of each month. Membership is open to all Civil Engineering and Construction Management majors. The Executive Board is already working on plans to attend the IN-KY Student symposium in April, where they will compete against other schools to win awards.

swe

President: Baylee Essert, Civil Engineering Class of 2025

Society of Women Engineers' Mission is to "Empower women to achieve full potential in careers as engineers and leaders, expand the image of the engineering profession as a positive force in improving the quality of life, and demonstrate the value of diversity."

UE SWE Student Chapter meets the first Tuesday of each month and is open to everyone to provide meaningful social, professional, outreach, and philanthropic opportunities for our members. Our next meeting is November 5 at 4:00 pm. We will be networking with industry professionals.

IEEE

The Institute of Electrical and Electronics Engineers and its members inspire a global community to innovate for a better tomorrow through highly cited publications, conferences, technology standards, and professional and educational activities. IEEE is the trusted "voice" for engineering, computing, and technology information around the globe.

Students interested in IEEE should reach out to the Faculty Advisor, Dr. Will, for more information.

ARE YOU CONSIDERING HARLAXTON?

Harlaxton students come from all walks of life, different universities, and can study with us from gap year onward. Have an immersive study abroad experience in an inspirational setting. It will be one of the best decisions you ever make! Most SECS Students go in the Fall of their Sophomore year. [Apply now](#) for Fall 2025.

Fall 2025 courses being offered are:

GEOL-130	Environmental Geology
MATH-324	Differential Equations
ENGR-232	Mechanics of Materials
ES-103	Environmental Science

It's not too late to change your Spring 2025 course schedule to complete pre-requisites for these in the Fall 2025 courses at Harlaxton.

ASME Student Club

President: Nate Bingham, Class of 2027

The ASME Student Chapter Membership is open to all Mechanical Engineering majors. Contact Nate Bingham nb214 or Chris Martin cm527 for more information

ASHRAE

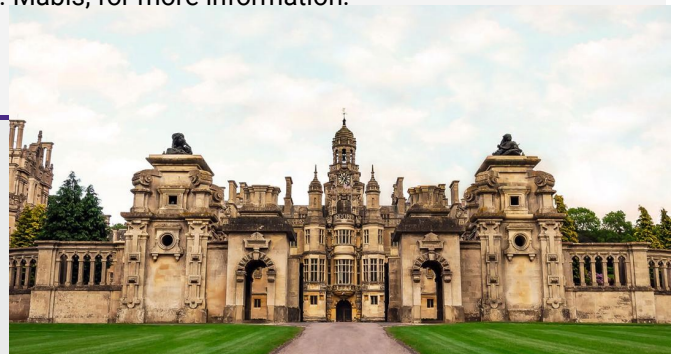
ASHRAE is an international society of heating, refrigerating and air-conditioning professionals, dedicated to advancing human well-being through sustainable technology for the built environment. The Society and its members focus on building systems, energy efficiency, indoor air quality, refrigeration and sustainability within the industry. Through research, standards writing, publishing and continuing education, ASHRAE shapes tomorrow's built environment today.

Students interested in ASHRAE should reach out to the Faculty advisor, Dr. Lofton, for more information.

acm

Association of Computing Machinery's Student chapters serve as hubs of activity for ACM members and the computing community at large. They provide seminars, lectures, learning forums and networking opportunities with peers and experts across the computing spectrum. Student Chapters provide unique opportunities for networking, mentoring and bonding over common interests. They provide support both within the student community and to local communities outside the institution.

Students interested in ACM should reach out to the Faculty Advisor, Dr. Mabis, for more information.



HARLAXTON

SECS Creates Marketing Videos to Highlight Our Programs

SECS

has partnered with Captivated Content to produce videos to highlight the amazing work happening in our school. These videos are currently in the finalization phase and will be used in emails, social media, and on the web. Thank you to the students, faculty and staff that assisted in making this endeavor happen. We can't wait to show you all what we've been working on!



Captivated Content is a locally owned and operated business that is part of Nix Companies.

TIPS FOR ACADEMIC SUCCESS

Counseling Services

The University of Evansville's Counseling Services is committed to providing mental health services to students in order to help them achieve their academic and personal goals and to enhance their college experience. Counseling Services assists many students with acute mental health concerns and provides education about general wellness as part of the college experience.

Counseling Services is located on the second floor of the Ridgway University Center, first door on the left upon entering the Student Life Suite, and offers Mental Health Counseling, Disability Services, and Wellness Resources.

Mental Health Counseling

The primary focus of Counseling Services is to provide general, short-term counseling that assists students in identifying barriers and setting goals while improving coping strategies to achieve personal and academic goals.

Personal, individual counseling is available for acute needs such as*:

- Mood and/or personal issues: anxiety, depression, loneliness, grief, self-esteem
- Relationship issues: partners, roommates, teammates, classmates, family
- Developmental issues: adjustment, transitions, identity concerns
- Academic issues: motivation, test-taking concerns/anxiety, perfectionism
- Other issues: trauma, assault, acute substance misuse
- Career/future exploration

Disability Services

The Office of Disability Services coordinates the provision of appropriate and reasonable academic accommodations and support services for any qualified student with a properly documented disability.

To ensure access for all students with disabilities, Disability Services staff members work closely with each student and the University community to develop and coordinate the implementation of appropriate accommodations. Accommodations vary depending on the nature of the disability and are determined on an individual basis.

Wellness Resources

Below are a selection of resources which may be of assistance to students interested in various wellness topics. This is not a comprehensive list; students are welcome to contact the Office of Counseling Services to request resources for topics that are not listed.

- Sexual Assault/Domestic Violence
- Mental Health
- Substance Abuse Resources

The office is open Monday through Friday, 8:00 a.m. - 5:00 p.m. Appointments may be scheduled by phone, email, or in person.

EMPLOYMENT OPPORTUNITY

IDOT is Hiring

Springfield, Illinois. – The Illinois Department of Transportation (IDOT) is seeking applicants for various openings in transportation. Several locations are available throughout the state to choose from: Chicago, Schaumburg, Ottawa, Peoria, Springfield, and Grafton.

IDOT has several positions available, including:

TRANSPORTATION SYSTEM PLANNER
 TRANSIT OPERATING PROGRAM MGR - NORTHERN
 TRANSIT CAPITAL PROJECT MANAGER-NE IL
 CIVIL RIGHTS SPECIALIST
 VEHICLE TEST. & COMPL. INSP MGR NORTHERN
 MCSAP COMPLIANCE OFFICER
 CHIEF OF APPRAISALS
 LAND SURVEYOR II
 SENIOR PLATS & PLANS SURVEYOR
 PRESTRESSED CONCRETE SUPERVISOR
 RESIDENT TECHNICIAN
 PERSONNEL OFFICER
 HUMAN RESOURCES SUPPORT ANALYST
 SALARY ADMINISTRATION MANAGER
 TRAFFIC SYSTEMS ENGINEER
 TRANSIT OPERATING PROJECT MGR-SOUTHERN
 PROJECT IMPLEMENTATION UNIT CHIEF
 ENVIRONMENTAL COMPLIANCE SPECIALIST
 CIVIL ENGINEER VI – CHIEF PLANS & STEEL FABRICATION UNIT CHIEF
 INTERNAL AUDITOR TRAINEE
 SENIOR DATA WAREHOUSE DEVELOPER
 LABORATORY SUPERVISOR
 INTERVIEWING UNIT MANAGER
 DECK HAND

To view current IDOT positions visit:

illinois.jobs2web.com/go/Transportation/8601000/

For more information, contact *Tiffany McCabe (she,her,hers)*

Recruitment Manager, Diversity & Recruitment Section

Mobile: (217) 836-4243

dot.recruitment@illinois.gov

<https://idot.illinois.gov/>