Technical Communication Writing Contest - Apply Now!
Deadline: Thursday, January 18th

The Program in Technical Communication is host to three writing contests for undergraduate students in the College of Engineering. These contests can have prizes of up to $2000 and offer opportunities for winning in multiple genres. Please consider applying!

More information can be found at the Technical Communication website.

The George M. Landes Prize for Technical Communication - This award is presented annually to an undergraduate Engineering student who demonstrates excellence in both technical work and the presentation of that work in written or graphic form. The prize is in memory of George M. Landes, a 1977 graduate of the Mechanical Engineering Department and a Ford Motor Company engineer who was killed in an automobile accident in 1981.

The Cooley Writing Contest - In his will, the late Dean Mortimer Cooley left funds to be used in the Engineering College to support the Cooley Writing Contest for undergraduates in Engineering. The contest committee invites students to submit entries in one or all of the following categories:

- Category 1: Essays on any topic which lives up to the spirit of Dean Cooley's will
- Category 2: Fiction, Drama
- Category 3: Essay based on Common Read book The Immortal Life of Henrietta Lacks by Rebecca Skloot. (This category is for Fall 2017 incoming first year students in the College of Engineering only)
- Category 4: Travel blog category based on your CoE Study Abroad experience

The Mack Essay Contest - This award will be presented to an undergraduate student for the best essay on a non-engineering topic.

For more information or to submit entries, click here.

CURENT's REU program is an eight-week program designed to give sophomores, juniors and seniors from accredited U.S. colleges or universities the opportunity to perform summer research in the fields of electrical engineering and computer science. Summer REU students will work on projects that are tied to CURENT research including power systems and power electronics as they relate to the national power grid. Research areas include:

- Power systems
- Power electronics
- Data visualization
- Cyber security
- Electronic power conversion
- Smart Grid technology
- Power markets
- Electric vehicles
- Energy harvesting

Students in the REU program will received a stipend for $4,160 for the summer, as well as a travel reimbursement. On-campus housing is provided. CURENT's REU program runs from June 4 to July 27, 2018. More information is available at our.
Electronics Engineering Assistant Temporary Position

The flat-panel imager group in the Department of Radiation Oncology is looking for an individual who can program and/or assist with FPGA/embedded development. The position is available as early as January 2018 at 12 to 40 hours per week, negotiable. We need a person who can work part-time in the Winter 2018 term, full-time for most of the summer, and part-time in Fall 2018 and possibly longer.

We seek a candidate with interests in any of the following: SystemVerilog or Verilog design and implementation, embedded systems, microcontroller programming, C or Java programming, writing Linux shell scripts, and Xilinx FPGA Tools (Vivado and XSDK).

The successful applicant will be involved in the continuing development of a modular, high-speed acquisition system for novel, active pixel, flat-panel imagers intended for medical x-ray imaging applications.

To apply please send both a resume AND a cover letter. The cover letter should include a short description of your education and experience with embedded/hardware development, and an estimate of your availability (hours per day and for which months). Please send to myeakney@umich.edu.

Undergraduate Research Opportunity

This is an undergraduate research position involving the development of a LIDAR (Light Detection and Ranging) device which is essential for 3D vision system in autonomous vehicles. The ideal candidate will have a background in Electrical Engineering and/or signal processing, and be familiar with signal processing in LIDARs. For more information, contact Prof. Nicholas Kotov (kotov@umich.edu) and Minjeong Cha (minjeong@umich.edu) by January 15th.

Become LEED Accredited!

LEED Green Associate (GA) Training
When: January 20th 2018 – 1:00PM to 5:00 PM
Where: University of Michigan - Bob and Betty Beyster Building – Room 1690
Early-Bird Cost: $300 ($200 for full-time students)

Want to show employers you have knowledge in the field of sustainability?

LEED (Leadership in Energy and Environmental Design) is simply a sustainability scorecard for green buildings. Buildings can become LEED Certified as can people. The LEED Green Associate is the only professional designation to show employers and clients you have certified knowledge in the field.

To date, this course and its materials have proven to be instrumental in helping over 8000 students pass their respective exam at a 100% pass rate. This course is offered at a quarter of the price and time as the competition and is geared at allowing students to graduate with letters after their name.

This course meets the exam's eligibility requirements and the USGBC charges a $100 (reduced for students) fee for the actual exam which can be taken at any time at your nearest Prometric center. Save money by reserving your spot today and make a positive difference in your career!

To register for the class please visit: https://leadinggreen.com/umich

Part Time Programmers Needed
Center for Ergonomics - IOE Department
U of M College of Engineering
Starting Now
$15/hour
Flexible Hours

Position One: Windows

Position Two: Linux

Position Three: Web Development (Front-End/Back-End)

Please send resume and cover letter to myeakney@umich.edu.
Windows programmer needed to update a Visual Basic program that is used to estimate worker energy expenditure rates (EEPP - www https://4e.engin.umich.edu/tools-services/eepp-software/)

No previous Visual Basic experience needed.

Position Two - iOS/Android App

Programmer needed to update mobile app versions of a widely used Ergonomic Biomechanical App.

For more information, including how to apply, see this flyer.

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**Johns Hopkins Info Session**

Johns Hopkins University is seeking highly qualified applicants for its master’s program in cybersecurity. Please join us for an online information session on Thursday, January 18, 2018, at 9 a.m. ET.

At the info session, you will hear from faculty, staff, and students about the MSSi program, the Johns Hopkins experience, and more. Students will also have the opportunity to ask questions. The online session will be recorded, and all who register will receive a recording of the session.

At Johns Hopkins, students work with expert faculty at the JHU Information Security Institute, which National Security Agency and the Department of Homeland Security, in recognition of JHU/ISI’s leadership, have designated a Center of Academic Excellence in Information Assurance in Cyber Defense Research and Education.

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**INNOVATE Public Service Pitch Competition**

Are you interested in helping out your community and getting more involved on campus? Are you currently working on a project, but have no clue how to fund it or take it to the next level?

Sign up for INNOVATE, a public service pitch competition hosted by Central Student Government! INNOVATE focuses on supporting students in any field of study by providing them with mentors, weekly info guides on idea development and campus resources, and funding up to $10,000! No previous experience in entrepreneurship necessary!

Join us January 17th from 7-9 p.m. in the League Ballroom to enjoy FREE dinner, meet teammates, listen to student speakers talk about their experiences, and learn more about the competition. Hope to see you there!

Check out our Facebook event to learn more: https://www.facebook.com/events/2009342979324527/

Sign up at: tinyurl.com/innovatesignups

Further Questions? Check out csg.umich.edu or email CSGinnovate@umich.edu

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**Bloomberg Tech Talk - Presented by HKN**

**January 18, 2018**

**6:30 PM**

**1200 EECS**

Come join HKN for a tech talk by Bloomberg LP and learn about interesting job opportunities. Food will be provided.