ELSOC Newsletter

Term 2 - - Week 5

From: ELSOC President
To:ug_all; EETstaff

Tue 25-Jun-24 12:42 PM

Dear EET Students and Staff,

Welcome back to ⚡ Current Issues ⚡ - our Week 5 issue of Term 2, brought to you by ELSOC's Publications team. Read on to be inspired by our EXCLUSIVE interview with our electrical device of the week!

ELSOC is keen to get feedback on our work this year and take any new suggestions, so if you have a few moments to spare, please fill out the form! https://forms.gle/SXHj9e4sDyqvk3bS7

UPCOMING EVENTS

Industry Masterclass

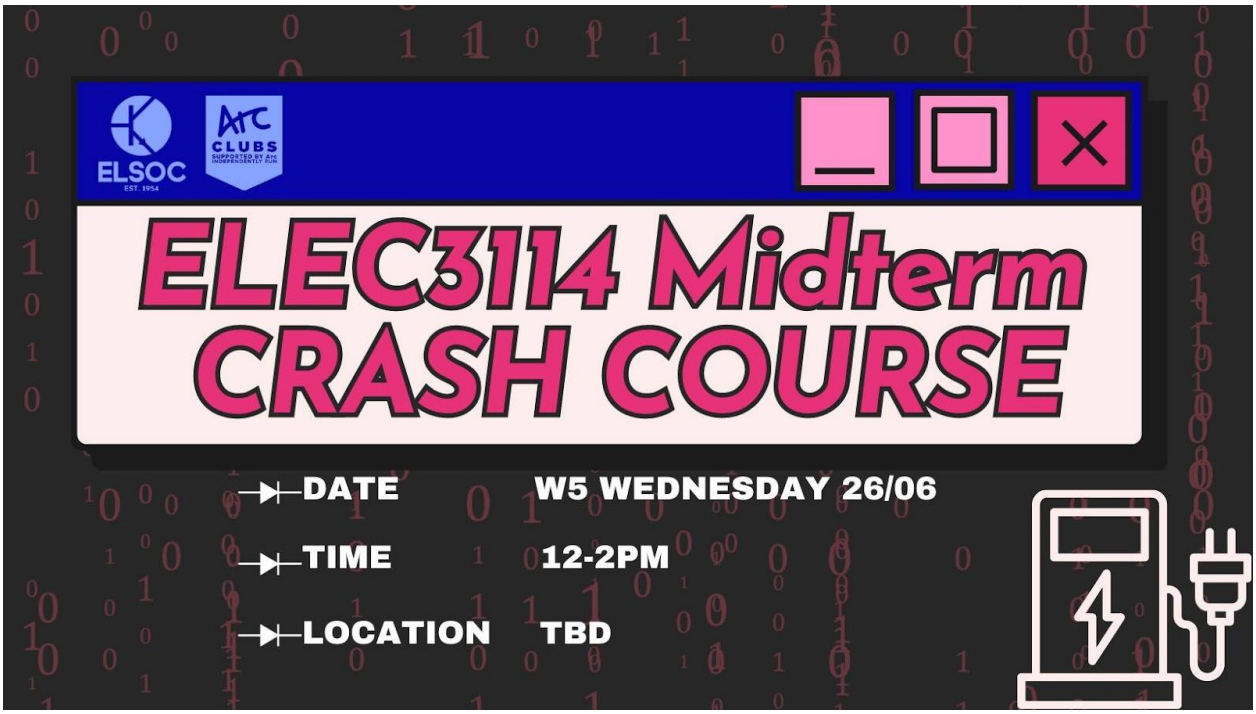
Unsure of how to set up your LinkedIn account? Need help setting up your resume? Looking for a job? Don't miss out on ELSOC's industry masterclass where we'll be showing you all the tips and tricks on how to navigate industry events and how to effectively job hunt on LinkedIn! We'll also be offering an opportunity for you ask questions regarding creating your resume, and you'll even have a chance to take a new LinkedIn profile picture!

📅 Date: Wednesday Week 5 (26/6)

Time: 4-6PM

📍Location: Electrical Engineering building (Room TBD)

ELEC3114 Midterm Crash Course



DO YOU WANT TO CONTROL THE SYSTEM!? 🕳🕳🕳
Get excited for ELSOC's ELEC3114 CRASH COURSE which will get you all covered for Arash's midterm!

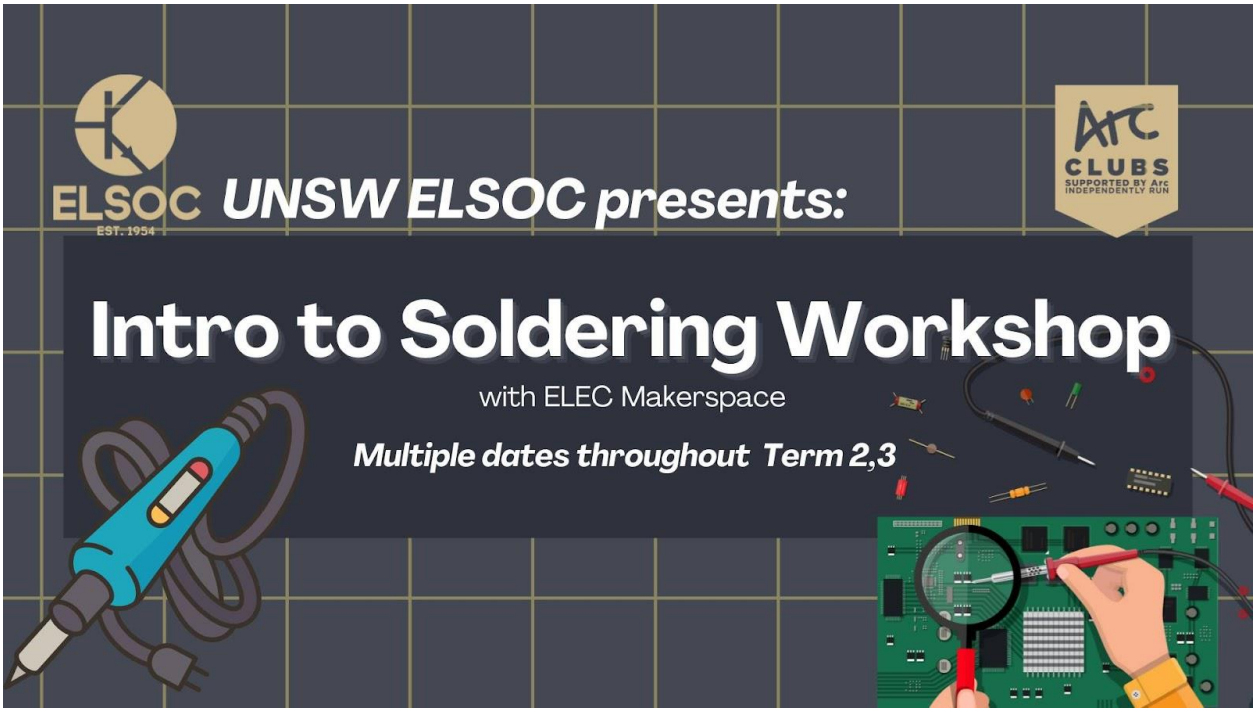
EVENT DETAILS

Date: Week 5 Wednesday

Time: 12-2pm

Location: TBD

📚 Intro to Soldering 📚



Want to start building your own electronics projects? Soldering is an essential skill for all electrical engineers and electronics hobbyists! Don't want to commit to buying a soldering iron or don't have space to solder at home? Fear not, ELSOC will be running soldering workshops throughout Term 2 and Term 3 at elec makerspace!! Upon the completion of this workshop, you will receive the basic soldering badge, and unlimited access to all makerspace soldering irons! ✨✨✨

🗓 Dates:

Week 5 thursday (27 / 6) – Josh

Week 7 friday (12 / 7) - Jashan

Week 9 tuesday (23 / 7) - Michael

Time: 16:00 - 18:00
📍Location: Elec Makerspace

⚙ Tropical Cocktail Party ⚙

Aloha, Party People! Ready to sip, savour, and sway in a tropical paradise? 🍾
Join us for a night of tropical bliss at the Tropical Cocktail Party! Escape to a paradise of fun, friends, and fantastic vibes as we celebrate in style at Cargo Bar's exclusive wharf-side venue. ✿✨

🍹 EVENT INFORMATION 🍹

📅 Date: Thursday 18th of July (Week 😎

📍 Venue: Cargo Bar, Level 1 - Wharf-side Balcony View 🌊 (King Street Wharf Darling Harbour, Darling Harbour, 52-60 The Promenade, Sydney NSW 2000)

🕒 Time: 6 PM - 10 PM

✿ Dress Code: Tropical Times. Forget the cold weather by turning up in your brightest and most colourful outfits.

🎟 Ticket Link: https://events.humanitix.com/cocktail-patry

PAST EVENTS

Alumni Night

We had an incredible time celebrating the 70th anniversary of the EE&T societies at the Roundhouse. It was a memorable evening filled with networking, reminiscing, and reconnecting with past members. Thanks to everyone who joined us for this special occasion

Fried Rice BBQ

Our Fried Rice BBQ on Globe Lawn was a huge success! Students enjoyed a delicious spread of fried rice prepared by our amazing ELSOC chefs. The event was well-attended, and it was wonderful to see everyone come together to enjoy good food and great company

PCB Design Workshop

The PCB Design workshop equipped attendees with essential skills for creating printed circuit boards. Participants learned to use EAGLE software to bring their circuit designs to life. It was a fantastic opportunity for students to enhance their practical skills and gain hands-on experience

Workshops

Throughout the past weeks, ELSOC has hosted a series of workshops that have been instrumental in helping students prepare for exams and gain new skills. From technical skills in Verilog and PCB design to soft skills like resume writing, these workshops have provided invaluable support to our members.

FLEXI WEEK TIPS AND ACTIVITIES

Flexi week is around the corner, and it's the perfect opportunity to gear up as midterms approach. Here are some tips to help you make the most out of this break:

1. Recoup and Recharge

Take this time to rest and recharge. Whether it's catching up on sleep, practicing mindfulness, or enjoying a hobby, make sure to give yourself a break from the usual hustle.

2. Study Smart

Use this week to catch up on lectures and get ahead on your studies. Create a study schedule to balance your study time and leisure. Break your study sessions into manageable chunks with short breaks in between to maintain focus and avoid burnout.

3. Get Organized

Take some time to organize your study materials and notes. A well-organized workspace can significantly enhance your productivity and efficiency.

4. Seek Help if Needed

If you're struggling with any subjects, Flexi week is a great time to seek help. Reach out to classmates, join study groups, or consult with professors during their office hours.

5. Stay Active

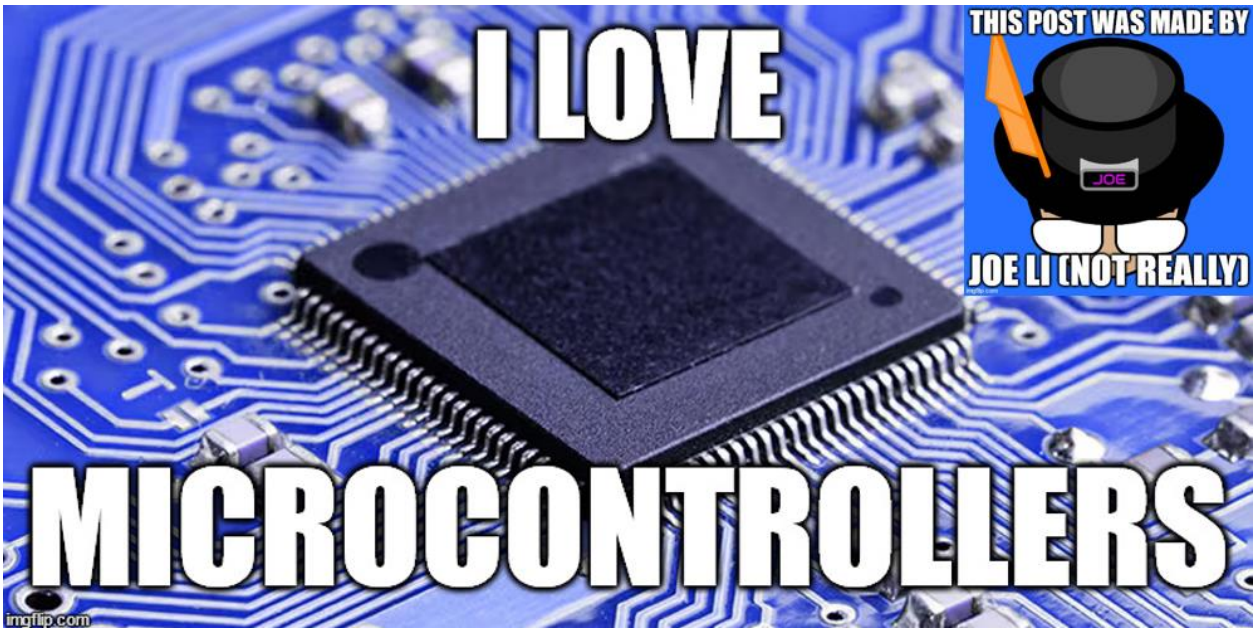
Incorporate physical activity into your daily routine. Whether it's a walk, a workout session, or some yoga, staying active can boost your energy levels and improve your overall well-being.

6. Plan Ahead

Use this week to plan for the rest of the term. Set academic and personal goals, and outline the steps you need to achieve them. Having a clear plan can reduce stress and help you stay on track.
Remember, Flexi week is a balance of taking breaks to recoup and studying hard to stay on top of your coursework. Make the most of this time to ensure you're prepared and refreshed for the upcoming midterms and assignments.

Good luck from the ELSOC Team!

ELECTRICAL DEVICE OF THE WEEK



Hi everyone! This week's electrical device of the week is the microcontroller! Now we know some of you budding engineering students out there might be a little unfamiliar with this component… but that's ok! One of ELSOC's very own microcontrollers has graciously offered some of its time to be interviewed by us! (Transcript below)

Pubs Team: Good morning, everyone! Today we have a very special guest in our studio – one of our very own microcontrollers!. Thank you for joining us today.
Microcontroller: Beep boop! Happy to be here, human. I'm always ready to process a few questions.

Pubs Team: Fantastic! Let's dive right in. So, tell us, what's a day in the life of a microcontroller like?
Microcontroller: Well, it's pretty electric! I start my day by checking my registers and initializing my ports. Then, it's non-stop action: reading sensors, controlling motors, and sometimes just sitting in a low-power mode waiting for interrupts. I live for the little signals in life!

Pubs Team: Sounds busy! Speaking of power, how do you manage to stay so efficient?
Microcontroller: It's all about those power-saving modes. When there's nothing to process, I enter sleep mode. And when things get really slow, I switch to power-down mode. Plus, I always make sure to keep my clock speeds optimized. Remember, it's not the voltage, it's how you use it!

Pubs Team: Wise words! What's your favorite type of sensor to work with?
Microcontroller: Oh, I love working with all sensors, but if I had to pick, I'd say temperature sensors. They're so cool – literally! Plus, they always keep their cool under pressure, just like me.

Pubs Team: I see what you did there! Now, let's talk about programming. How do you feel about the languages people use to code you?
Microcontroller: Assembly language is like poetry to my instruction set. It's concise and to the point. But I also enjoy C. It's structured, and allows for some creativity with its functions. Just don't throw any syntax errors my way; it really disrupts my flow!

Pubs Team: Got it. No syntax errors. Lastly, any advice for budding electrical engineers out there?
Microcontroller: Absolutely! Always remember to debounce your buttons, keep your connections secure, and never forget your pull-up resistors. And of course, always have fun with your projects – after all, it's a shocking good time!

Pubs Team: Thank you so much for the electrifying conversation, Microcontroller. It's been a real current affair.
Microcontroller: Beep boop! The pleasure was all mine. Keep those circuits flowing, everyone!

That's all for this week! We hope you have a restful flexi week and we look forward to seeing you all around on campus in Week 7!

Kind Regards,

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