Workshops held in SE2 Room 224

Topic	Descriptions	Location and Time
CES Edupack	Attendees will learn how to use CES Edupack, a software that allows you to select the best material for an engineering application by filtering out material properties. As far as the presenter is aware, KL 202 is the only room with the software on campus. Presented by Materials Research Society	10:00am-11:00am
Public Speaking	Provide help on how to speak out in public and give tips and ideas of how one can tackle public speaking. Presented by National Society of Black Engineers	11:00am - 12:00pm
HIL(Hardware-in-loop) Arduino	"Simulating Arduino on computer to rapid prototype circuitry online. Please bring your own laptops with if possible (preferable bring a mouse for the best experience). We fill first simulate lights. After every everyone has program their led to blink, we will then continue to sonar sensors. Lastly we will be tackling LCD screens if time permits. Near the end we shall bring the simulations to life in the interactive portion " (Please bring your own laptop) Presented by Robotics Society + BMES	12:00 pm - 3:00pm
Networking and Resume Workshop	This is an interactive and intimate session that will allow students to get their resume reviewed by seasoned peers while networking and meeting other engineers on campus. Each attendee will receive one on one sessions with as many presenters desired. Our presenters have had great success with their own resumes pertaining to research, on campus jobs, internships, and full time jobs. Sample companies that have reviewed resumes and offered positions to presenters: PG&E, Verizon, UC Merced IT, PALS, Bright Success Center, UC Merced Research Labs, Northrop Grumman, Workday, Gap Inc, Airbnb, Raytheon, and CellWorks. Please bring your own resume to this session and find out which presenters can offer you connections to your next potential job. Presented by SWE	3:00pm - 4:00pm
Intro to Github	Ever thought there has to be a better way to test out different version of your program? Well look no further! Join ACM for our GitHub workshop and learn how to use one of the most useful programming tools in the tech industry! (Please bring your laptops) Presented by Association of Computing Machinery (ACM)	4:00pm - 6:00pm

Workshops held in SE2 Room 315

Topic	Descriptions	Time
Sustainability and Green Energy	Before entering a profession in sustainability or green energy, one might be expected to know about common aspects of the field. To develop as professionals, this workshop aims to inform the audience about programs, certifications, and common terms or acronyms that are used throughout the industry. Presented by Engineers for a Sustainable World	10:00am - 11:00am
Intro to Computer Aided Engineering and Simulation	Session reviews basics of CAD (computer aided design) and using simulation applications as design validation tools for product development process. This involves fluid, heat and statics simulations using programs such as COMSOL, ANSYS & Solidworks. Presented by American Institute of Aeronautics & Astronautics (AIAA)	11:00am - 1:00pm
Time Management Workshop	This workshop will focus on teaching students the mechanics of multi-tasking and remaining efficient with their time. Presented by Theta Tau	1:00pm - 2:00pm
CAD with 3D printing	Showing how CAD and 3D modeling is used for 3D printing. Showing 3D printing live. Presented by ASME	2:00pm - 3:00pm
Have you met the Engineering Department?	How many engineering faculty members do you know? Part of becoming a professional is networking and creating relationships between faculty members and students. Amongst the many resources at UC Merced, faculty members have a significant impact in a student's educational experience. The purpose of this workshop is to encourage peer and mentor collaboration by sharing research interests of respected UC Merced professors and faculty. Presented by SoE Advising	3:00pm - 4:00pm

Workshops held in SE2 Activity Center (1st Floor)

Topic	Descriptions	Time
Speak with an Advisor	An advisor will be present to respond to any quick questions you may have.	10:00am-11:00am
	Presented by: SoE Advising	
Cooking with Solar Energy	The Solar Energy Association will bring out a solar cooker. We will demonstrate how the cooker works and talk about the technology behind solar cooking and solar cooking advancements and applications.	11:00am - 12:00pm
	Presented by Solar Energy Association	
Soldering Workshop	Students will learn about basic electronic components and how to solder them onto a circuit board!	12:00pm - 1:00pm
	Presented by Bobcat Racing EV - Society of Automotive Engineers	
Goal Setting Workshop	- Importance of setting goals (academics, professional, personal) - Breaking down goals into smaller, quantifiable steps - Long-term vs. Short-term goals - Finite vs. Infinite (Goals vs. Vision)	1:00pm-2:00pm
	Presented by Ingenieros Unidos	
Intro to Computer Aided Engineering and Simulation	Session reviews basics of CAD (computer aided design) and using simulation applications as design validation tools for product development process. This involves fluid, heat and statics simulations using programs such as COMSOL, ANSYS & Solidworks.	2:00pm-3:00pm
	Presented by American Institute of Aeronautics & Astronautics (AIAA)	
Crash Course to Rocket Propulsion	In this workshop, I will be teaching the attendees about the various types of rocket propulsion systems that have been developed so far. I will touch in on important parameters used to measure certain aspects associated with said propulsion systems. Some parameters that I will discuss about include specific impulse, mass ratios, exhaust velocity, thrust, and energy/efficiencies. Accompanying diagrams and calculation based examples will ensure that the attendees learn more deeply. If a projector is available, I would like to include PowerPoint slides in order to demonstrate the attendees various diagrams, photographs, etc… As for the length of the workshop, I am not sure how much allotted time I am allowed. I would say an hour should be no more than enough time for this workshop.	3:00pm-4:00pm
	Presented by American Institute of Aeronautics & Astronautics (AIAA)	