

Workshop overview and requirements

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About the Organization

SFU Applied Sciences Outreach offers fun, engaging workshops and resources that encourage youths to explore topics in Science, Technology, Engineering, and Mathematics (STEM). We aim to not only enhance STEM literacy among youths in BC, but also foster an appreciation of how science can be used to make sense of the world we live in and improve how we do things.

About the Coding Club

The Coding Club offers a diverse array of in-person workshops tailored for school-age students interested in delving into coding and exploring popular digital tools. From May to June 2024, we present an exciting lineup of workshops covering various topics such as user interface and experience design, programming logic foundations (using Python), web design, mobile app development, and game development. Join these workshops to refine your coding skills and unlock your creative potential in the dynamic world of coding and digital innovation!



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What is Project Time?

You might also refer to this as "Tinker Time," our designated period where students can delve into their own creative projects at the end of instructional sessions. Due to its overwhelming popularity, we have set aside dedicated 2.5-hour afternoon sessions on select Saturdays. Here, students are encouraged to bring forth their ideas or ongoing projects and collaborate with instructors and peers. To ensure focused project development, certain sessions are tailored to specific programming languages or tools.

If you are enrolled in the morning workshop, remember to register separately for project time if you wish to participate. Additionally, if you plan on staying for the full day, consider bringing a peanut/nut-free lunch.

Things to know before signing up

- Please take a moment to familiarize yourself with our <u>Coding Club Guidelines & Policies</u>.
- There are limited spots available in each coding club workshop (only 15-20 spots) because we want to ensure that every student receives the support necessary to maximize their experience. Additionally, these workshops are offered at no cost. If you sign up and are unable to make it, please cancel your ticket on Eventbrite or contact sacoord@sfu.ca at least two weeks before the workshop date so we can offer the spot to someone on the waitlist.
- An Eventbrite email containing important workshop details will be sent to you at least one week before the workshop's start date. Please ensure you review the information in this email thoroughly.
- The deadline to sign up for each workshop is at least a week before the workshop start date or until all spots are filled.
- If you have questions or concerns, please contact Eva at sacoord@sfu.ca or call (778) 708-3767.



Schedule

| Workshop | Date & Time | Sign-up Link |
|--|---------------------------------------|---|
| Project Time w/ Thunkable, Gr. 6-8 During this project time, students can work on their own project ideas with the support of workshop instructors and volunteers. This session will focus on Thunkable projects only, so bring your wild and creative mobile app ideas! | May 11, 2024 (Sat) 1:00 pm-3:30 pm | https://www.eventbrite.ca/e/coding-clu b-project-time-with-thunkable-gr-6-8-ti ckets-853420994167 |
| Open-ended Project Time, Gr. 9-12 During this project time, students can work on their own project ideas with the support of workshop instructors and volunteers. Please feel free to bring any coding-related projects to this session and our instructors will try our very best to support your ideas! | May 18, 2024 (Sat) 1:00 pm-3:30 pm | https://www.eventbrite.ca/e/coding-clu b-open-ended-project-time-gr-9-12-tic kets-853425888807 |
| Project Time w/ HTML/CSS, Gr. 6-8 During this project time, students can work on their own project ideas with the support of workshop instructors and volunteers. This session will focus on HTML/CSS projects only, so bring your wild and creative web design ideas! | May 25, 2024 (Sat) 1:00 pm-3:30 pm | https://www.eventbrite.ca/e/coding-clu b-project-time-with-htmlcss-gr-6-8-tick ets-853905282687?aff=oddtdtcreator |



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Location

SFU Sustainable Energy Engineering Building (SYRE) - NOT the SFU campus located in the mall!

10285 University Dr. Surrey, BC V3T 0N1

Room # will be confirmed closer to the program start date.

What to bring to the Coding Club

- Refillable water bottle
- Peanut/nut-free snack
- If you are staying for the full day, bring a peanut/nut-free lunch.
- A thin sweater or jacket, in case you feel cold indoors.
- Mask, although this is optional.

Device & Software

Using Outreach Programs Devices

- We will provide laptops (usually MacBook Air) that you can use during project time.
- If you plan to use our devices, we recommend having your project accessible through web-based tools such as <u>Replit</u>, <u>Thunkable</u>, or <u>CodePen</u>. Since our devices are managed by the university's IT team, our instructors are unable to download software on the spot.
- If you are using a web-based tool, you must make sure that you have created an account and can log in before project time.

Bringing Your Own Device

- If you bring your own device, please ensure you can connect to the university's WiFi and have the necessary software installed before project time.
- If you are using web-based tools, please make sure you created an account and can log in before project time.



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Parking options

- One of the options for drop-off and pick-up is to park at the Surrey City Centre Library and walk across to the SFU Sustainable Energy Engineering Campus.
- The Surrey City Centre Library offers two hours free parking.
- Please park on P1 only when space is available
- You have to register your license plate number in the Parking Kiosk on the ground floor of the library. See image below.
- For more information, please visit: https://www.surrevlibraries.ca/locations/citv-centre-branch



Contact

If you have questions, please do not hesitate to contact Eva (Outreach Programs Coordinator, SFU Faculty of Applied Sciences) at sacoord@sfu.ca.