

Command Line 1

Saturdays 3/1, 3/15 10:30-12:00
Tuesdays 3/11, 3/25 1:30-3:00

Students will learn the basic parts of a command, listing, linking, tab completion, file system structure and more. Required for those volunteers who go to post-build positions. You should be comfortable with computers to take this class.

Command Line 2

Tuesday 3/11 3:30-5:30

Learn key commands and concepts including users, groups, permissions, processes and scripting. Basic Command Line class or similar knowledge is a prerequisite.

Intro to Programming Concepts

Thursday 3/6 1:30-3:30

Ever wanted to learn programming but found that just picking up a book never really worked for you? Discuss how to think like a computer so you can ask a computer to do work for you. Learn basic concepts that apply to all computer languages.

Linux Open Questions

Thursdays 3/6, 3/20 10:30-12:00

Learn the basics of Ubuntu Linux in this class that changes based on the needs and questions of the students. You may take this class as often as you would like. No sign-up necessary, but recommended.

Linux Playground

Saturday 3/22 1:00-3:00

Ubuntu, Mint, Debian, Fedora, ArchLinux. What are all these distributions of Linux and how are they similar and different? Explore the many different versions of Linux and try them out on our test machines. Learn the basics of installing your chosen version of Linux on your computer. Come prepared to move around the classroom for this interactive workshop. Hang around for our Compile Time class to learn how to compile software

Using Windows Programs in Linux

Wednesday 3/12 2:00-4:00

Do you have a Windows program you can't live without? Learn how to search for Linux equivalents or try to make your Windows programs compatible with your computer.

Compile Time

Friday 3/14 4:00-5:30

Open Source is everywhere, but what is it, really? How do I use it, and make it work for me? Learn the basics of compiling software, taking open source code and installing it on your computer, even if the programmer didn't create a nice package for you.

Prerequisites: Command Line 1 class or familiarity

Computer Basics/Fundamentals

Saturdays 3/8, 3/29 10:30-12:00

Has it been a long time since you used a computer, or are you just starting to use computers for the first time? This interactive class covers the basics of using a computer including the mouse and keyboard. Terms like "GUI", "window" and "desktop" won't be scary!

GIMP 1 & 2

Tuesday 3/4 10:30-12:30
Tuesday 3/25 10:30-12:30

Learn the basics of GIMP, the GNU Image Manipulation Program similar to Photoshop. If you have never used GIMP or Photoshop before to modify and create images, GIMP 1 is the class for you. In GIMP 2 you will learn more advanced functions of GIMP like paths and layer masks.

GIMP Open Session

Thursday 3/27 10:30-12:30

An open questions class for those who are familiar with the topics covered in GIMP 1 & GIMP 2 and want to learn more. Come with questions and projects!

Using LibreOffice Writer

Tuesday 3/18 1:30-3:30

Students will focus on creating their own resume and cover letter to learn all the aspects of word processing programs like LibreOffice Writer (and Microsoft Word).

Job Search 101

Saturday 3/29 4:00-5:30

Don't know how to find job openings online or organize your job hunt? Learn important job searching etiquette, computer tools and how to follow up so you stand out from other applicants.

Lego Robotics: Beginning Basics to Build and Program

Saturday 3/15 1:00-3:00

This is a hands-on, interactive class where students will learn the basics of building and programming with Lego Mindstorms. Groups will work together to engineer and build robots with Legos, servo motors and sensors. They will then learn basic programming in NXT-G to perform tasks and bring the robots to life! All ages. Presented by FIRST Robotics Competition team #2093 ~ TheBowtieBrigade.org

DIY CNC Mill

Tuesday 3/4 1:30-3:30

Learn how to create a computer controlled wood mill using parts harvested from recycled electronics. Students will have a hands-on chance to work with the materials and understand the underlying concepts behind creating and using a computer-controlled machine.

Leave No Trace in a Digital World

Saturday 3/8 12:00-2:00

Sometimes you don't want anyone to know what you're doing online. Learn how to surf the web and communicate with your friends anonymously. The techniques you learn in this class are to be used only for legal activities.

Anatomy of a Hack: Computer Security 101

Saturday 3/8 2:00-3:30

Learn how to protect yourself online from scammers, phishers and other underhanded hackers by exploring successful hacks in recent history and how to avoid them.

Establishing Yourself Online

Thursday 3/20 3:00-5:30

Learn the basics of how to create functioning websites using simple tools as well as other considerations of online publishing for a small business or hobby. You must have a currently-functioning email address to attend.

Intro to Web Technologies

Wednesday 3/19 2:00-4:00

Learn about a broad area of web technologies, including client/server relationships, the basics of DNS, how to choose a hosting provider, registering a domain name, the browser (and the browser inspector) and what role HTML, CSS and JavaScript play in building websites. Recommended before taking HTML or CSS courses.

Intro to Wordpress

Thursday 3/27 3:30-5:30

Learn the ins-and-outs of Wordpress, the most popular open source blogging platform (& CMS) available. Students will leave the class with an understanding of the different administrative roles and plug-ins. Students must have Wordpress blog setup in advance of the class.

Learn to Write HTML

Friday 3/7 3:30-5:30

HTML (HyperText Markup Language) is the language used to create web pages. Students will learn how to read and write basic HTML. This class is best for those with no experience in coding web pages.

Creating Webpages Using HTML

Thursday 3/13 3:30-5:30

Get deeper into HTML; students in this class will create basic web pages by hand. Excellent for those who have some familiarity with HTML or another programming language.

Learn to Write CSS

Friday 3/28 3:30-5:30

CSS (Cascading Style Sheets) tell a web browser how to style the HTML of a website. Students will learn to read and write CSS. Familiarity with HTML is recommended for this class.

Advanced Javascript Workshop

Tuesdays 3/11, 3/18 11:00-1:00

Javascript is a versatile programming language embedded in web browsers, used to make web pages dynamic and interactive. Join us for this follow-up to our previous Javascript workshops. Teacher approval required to sign up.

Bring Traffic to Your Website

Thursday 3/13 10:30-12:00

Looking for ideas to bring people to your website? Learn tools and techniques to advertise your website to the rest of the world. Topics include search engine optimization (SEO), using social media, advertising in the "real world" and more.

What the heck are these things? =====>

They're called QR codes and are designed to be scanned by a program on your smart phone. Try it out, it's cool!



New Classes and Presentations

Networking Study Group

Alternating Saturdays starting 3/8 10:30-12:00
Continues through the end of May

Curious about how the Internet works? Heard about networking (or Cisco certification) and would like to know more? Come practice the basics of networking in a hands-on ongoing study group that provides an introduction into how computers talk to one another.

Don't Lose your Data - How to Backup

Saturday 3/15 3:30-5:00

Hard drives fail, water gets into your house, fires happen. Learn the many options you can employ to back up and save your data so losing a computer doesn't mean the loss of all your work. Topics covered in this class include backing up individual files or directories, cloning entire systems, local and offsite storage solutions.

Intro to Project Management

Thursday 3/20 12:30-2:00

Learn the art of getting things done with the help of computer-based tools. Students will be introduced to techniques and applications that have worked from Wall Street to Occupy, and how to put them to use in day-to-day life.

Learn to Code at Epicodus (offsite) - no experience or computer required

Wednesday 3/26 6:00-9:00

Interested in learning how to code web and mobile apps, but don't know where to start? Or maybe you've done some coding before, but want to get to the next level, or bring your skills up to date?

Epicodus coding school is hosting a special free workshop for Free Geek volunteers and community members at 208 SW 5th Ave. Computers provided and you're welcome to bring a laptop if you'd like to use your own.

We'll cover the basics of how the web works, how to make simple web pages with HTML and CSS, how to add interactivity with JavaScript, and how to build a backend with Ruby on Rails. No matter where you are in your coding, we'll help you figure out where to start and point you in the right direction when you leave.

Signup via Free Geek and the event is free and offsite at 208 SW 5th Ave.

Getting Started with Your New Free Geek Computer

Wednesdays 10:30-1:30

Saturdays 12:30-3:30

Volunteers who take this class receive one year of free tech support from Free Geek!* Along with volunteers in the adoption program, hardware grant recipients, thrift store shoppers and community members are also welcome to sign up and learn more about Xubuntu.

**Free tech support void if you make major modifications to your computer or change the operating system.*

Using Xubuntu Linux

Saturdays 3/1, 3/15 10:30-12:00

Did you purchase a computer from our Thrift Store or obtain a Hardware Grant? Want to learn about Xubuntu Linux 12.04? Feel free to bring in your own laptop or use one of ours as we teach you how to use your new computer.

También ofrecemos clases en español

En Free Geek todos/as son bienvenidos/as para compartir el conocimiento. Si usted esta interesado/a en ofrecer clases de computación a la comunidad latina por favor comuníquese con Omar Vargas al 503.232.9350 Ext 113.

Descubra Xubuntu Linux

Saturday 3/22 10:30-12:00

¿Compró su computadora en nuestra tienda de artículos usados o se la ganó en algunos de nuestros programas? ¿Quiere aprender sobre Linux Xubuntu 12.04? No dude en traer su propia computadora portátil o usar una de las nuestras, en Free Geek le enseñaremos a usar el escritorio de Xubuntu; además, como agregar programas, cambiar el diseño visual y crear documentos compatibles con la suite de Microsoft Office.

Clase de Primeros pasos con su computadora de Free Geek

Esta clase volverá el próximo mes

Estas clases ayudan a los voluntarios a configurar y usar sus equipos basados en Ubuntu. Están invitados a inscribirse los beneficiarios del programa de becas y el público en general.

Línea de comando

Esta clase volverá el próximo mes

Aprenda sobre las partes de un comando, el listado, la vinculación, la implementación del tabulador, la estructura del sistema de archivos y mucho más. Obligatorio para los voluntarios de Free Geek que quieren pasar a otras áreas en Free geek. Usted debe sentirse cómodo con las computadoras.

March 2014 Free Geek Classes

Free Geek offers **free classes** on computer-related topics to our volunteers, thrift store shoppers and the general public in our facilities at 1731 SE 10th Avenue, Portland in support of our mission: to recycle technology and provide access to computers, the Internet, education and job skills in exchange for community service. Almost all of our classes are taught by a knowledgeable and committed group of amazing volunteers from the community.

Pre-registration is recommended for classes, unless otherwise indicated. You can **sign-up at the volunteer desk or by calling us at 503-232-9350 x101.**

Out of respect for other students and teachers, please try to arrive at classes on time. Late students may not be admitted.

Class dates and times are subject to change. Please find the most current list of class offerings and times at **www.freegeek.org/classes**

Are you interested in becoming a volunteer teacher at Free Geek? Do you have an idea for a class you think we should offer? Contact our Director of Public Services/education coordinator to get involved.

Questions?

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