

Alphabet Soup for Beginners

RGB, LED and CNC... Don't be discouraged by technical jargon and acronyms! Register for a class at a library near you ASAP!

Programming Electronics with the Arduino Levels 1-5

Experience the potential of the Arduino. Explore how to program an Arduino to customize control of electronic components, such as LEDs, sensors and buttons. Learn the basics of blinking LEDs and using buttons and knobs as input controls. Make and program a dazzling multicolored ambient light display, fade LEDs, control RGB lighting and interface an Arduino with a variety of external sensors.

2D Design for CNC Milling Levels 1 and 2

Used by cabinet makers, wood workers and hobbyists, Cut2D Desktop provides a powerful CAD software solution for cutting parts on a CNC Router. In these classes, you can create a design with easy-to-use vector graphic and text tools to customize your cuts and engraving on different materials. Cut2D Desktop provides a full set of tool path options to convert designs from simple graphics into CNC routing operations. Export your files to be used on any type of CNC router.

Custom LED Lighting for Your Home

Create a light show of your own! Custom-build LED lighting strips for different uses. Learn about the inexpensive components, and how you can customize lighting for your home, office or automobile.

Lights, Action!

There's always something new to learn in the Video Studio. Register for the latest classes to build your knowledge and practice your skills.

Video Workshop: Live Production Levels 1-4.

Put yourself in the director's chair. With the addition of Video Workshop classes, Melrose members with video studio access now have the opportunity to learn more and practice their skills. In this class series, you can participate in the live studio production of short, five-minute shows. Plan and develop your show, add production value with graphics and animation, explore shot composition, and produce a show in Real Time.

Animate 3D Graphics Using Cinema 4D

Seamlessly integrate 3D graphics into your film. Use Cinema 4D in After Effects to build sophisticated title graphics. Create, customize, light and render text directly into your project.

Get Back to Business

Classes at your local library can provide you with the tools you need to build your customer base, improve workflow and save time. Register for a class to find out how!

SEO with HTML

In the *Create a Video Landing Webpage* class learn how to use an HTML5 landing page optimized with background video to boost your search engine rankings. Don't forget to bring your own storage device so you can take home what you create for further SEO (Search Engine Optimization) tinkering. This is a starter class using a working template. To further create or customize your own site, you can enroll in the Web Design and Development courses.

Build Your Following (Coming Soon)

The *Facebook: Managing Your Business Page* class is coming soon to a library near you! Social media is an important part of any business marketing plan. This class will teach you the basic concepts to get your page off the ground and begin to build your following.

Design Your Logo

Build your business logo using graphic design theory for concepts, color and font choices. Learn the basics of designing a business logo using vector graphics tools. Register for the *Logo Design and Development Using Adobe Illustrator* class to learn more!

Show-off Your Work

In the Product Photography Levels 1 and 2 classes you can learn how you can take professional photos for your website, catalog or flyers. Take crisp and clear commercial images of your products to make them more appealing to your customers. Then, enhance and correct the colors of your photos in Adobe Bridge and Adobe Photoshop.

Manage Your Money

In QuickBooks series of classes, you can learn the basic features of QuickBooks Pro and how it can be used to organize your business or personal finances. Setup a new company profile, including the Vendor Center, Customer Center and adding Items. Register today to learn how to add items, record employee payroll and process reports.

Tech Talks: Tech Central

For more information, visit ocls.info/melrose or call 407.835.7323.

Tech Talk: TBD

Orlando Public Library, Melrose Center

Saturday, July XX, 1:30 p.m.

Description from Adult Programming

Trainer Tip of the Month

New to 3D Printing? Follow these basic tips to get the perfect print.

Calibrate Your Machine

Get to know your printer. Test out different settings. Print out test objects to ensure the best quality print.

Painter's Tape Isn't Just for Walls

Level and condition your print bed to prevent your prints from sticking to the print bed. Applying painter's tape to the print bed also helps prevent sticking.

Perfect Your Design Before You Print

Many 3D modeling programs have steep learning curves, so try starting out with software like 123D Design before moving to a more complex program like AutoCAD.

Main Title

Camp Savvy Classes Aren't In Tents!

Subtitle

They are PHUN!

Camp Savvy: Create 2D Motion with PHUN (9-12)

Use the PHUN computer program to recreate the Newton's cradle interactive animation.

Camp Savvy: PHUN with Physics (9-12)

Have fun with physics! Learn how to use the PHUN computer program to see how objects react in this physics simulator.

Subtitle

They are Crafty!

Camp Savvy: Crafty Capers Camp (Ages 8-10)

Savvy students ages 8 to 10 craft simple and easy projects using LED lights, circuits and a 3D printer. A materials fee applies.

Camp Savvy: Custom Paper Airplanes with Microsoft Publisher (9-12)

Custom design your own paper airplane with graphics and text.

Subtitle

They are Comical!

Camp Savvy: Tell a Story with Comic Strips (6-8)

Put together cool comic drawings using Comic Life. Change layouts, add cartoons, and write a story to make your comic drawings come alive!

Camp Savvy: Create a Cartoon Character (6-8)

Use the Internet to create a cool 3D-animated cartoon avatar of yourself that can be used all over the Web.

Main Title

Krews Through the Summer

Are you obsessed with the latest video games and electronics? Why just play the game when you can make it?! Register for a class a library near you to avoid the couch potato blues!

TechKrew: Young Makers Camp (13-17)

Balance science, technology, engineering and fun with interactive, hands-on electronics projects.

TechKrew: Create a 2D Video Game Levels 1 and 2 (13-17)

Ever dreamed of making your own video game? Now you can with The Games Factory 2, it provides everything you need to create cool computer games.

TechKrew: Lego Mindstorms Robotics Camp (11-13)

Design, build and program remarkable robots using LEGO MINDSTORMS® EV3. Learn to program robots to complete autonomous objectives with a simple to use computer interface in this 5-day camp. See how programming translates into real-world action. Work as a team to complete Mindstorms programming challenges.