



# THE GEEK FEST

@CPCC Levine Campus – 11.10.2011

8<sup>th</sup> Annual Celebration of Innovation

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[www.thegeekfest.com](http://www.thegeekfest.com)

**Registration for CPCC spring classes opens November 14!**

**Register for CPCC classes!**

CPCC's course guide is now online. Registration for spring courses begins November 14.

Visit [www.cpcc.edu/admissions](http://www.cpcc.edu/admissions).

Registration for Corporate and Continuing Education classes is ongoing throughout the semester. These non-degree courses help you get ahead in your career and find personal enrichment.

[www.cpcc.edu/cce](http://www.cpcc.edu/cce)

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# THE GEEK :-)



#GEEKFEST

# GEEK IS CHIC



**9 – 10 a.m.**

**The Present and Future of Technology in Local Government @ Room 2150**

Find out how the Charlotte and Mecklenburg County governments are improving their technological capabilities to provide more services for citizens. See the tools available to you currently as well what is in store for the future as government data becomes digitized and more accessible.

**Outdoor Animation @ Room 1408**

Stop-motion animation and clay animation are strictly for indoors, right? Not anymore. See how the iPod Touch, cool apps and ReadyANIMATOR Mobile let students and teachers create, edit and upload animation while outdoors. Attendees can even make their own animation by downloading the “I Can Animate App” on their iPod, iPad, or iPhone!

**Wireshark and HTTPS @ Room 1410**

With Wireshark named number one on the list of essential open source tools for Windows administrators and HTTPS becoming more utilized by many companies to ensure security, this session will be relevant to anyone interested in security and protocol on the Web.

**9:30 – 11:30 a.m.**

**Students & Technology in Academia, Research & Service (STARS) @ Room 1302**

STARS is a National Community of Practice advancing innovation and discovery through regional partnerships to broaden participation in STEM. In this session, students in the CPCC STARS Program will discuss how they carry out this mission through undergraduate research, peer programming, special interest groups and K-12 outreach.

**The Shipping Container Lab: Habitat Smart Classroom @ Room 1307**

Learn how college students, employees, and volunteers built a green lab from a used shipping container. This living workshop demonstrates photovoltaics, batteries, thermal concepts, rainwater harvesting and more. Hear from your fellow students currently working on the habitat smart classroom.

**Using Emerging Technologies to Enhance Student Engagement @ Room 1235**

Inspired by Rey Junco’s “Using Emerging Technologies to Enhance Student Engagement,” this workshop will provide practical strategies on how other professors have used technology to facilitate more engagement in and outside of the classroom. Various technologies such as blogs, Twitter and other social media tools will be discussed.

**10:15 – 11:15 a.m.**

**The Social Network: Social Media Trends Panel Discussion @ Room 2150**

Social media isn’t just for socializing – learn how you can put social media to good use in your life, business and career. In this panel discussion, we will review: new technologies and trends in social media, socialnomics, building personal brand and online presence, and building career opportunities through networking.

**Bringing Design to Software @ Room 1410**

This session examines the value of introducing design strategies, such as those found in creative fields like architecture, product design and graphic design, to the software development process in order to create products that are more effective and efficient for human users.

**From Idea to Product to Market @ Room 1408**

Got Ideas? Want to make a prototype? Convinced it will sell? Learn the process on how to take your concept from a raw idea to a demonstrable product and how to ultimately sell that innovation in the marketplace. See how everyday entrepreneurs drive success through strategic planning, killer design and innovative performance.

**10:45 - 11:45 a.m.**

**Become a PowerPoint Geek: Unlock its SuperPowers @ Room 1302**

Microsoft PowerPoint is the most widely used presentation program in the world, yet its true potential remains untapped. Come and discover its underused and hidden features such as interactive presentations, audio/video editing and developer tools; find out about useful freeware add-ins; and walk away with tips on how to make the most of your Powerpoints.

**NOOK Study and eTextbooks @ Room 1235**

Drop by and learn about the NOOK Study software application and Barnes and Noble’s eTextbook offerings. With a multitude of capabilities such as note-taking, highlighting, document importing, and being so much cheaper than print alternatives, you can finally study smarter and breathe easier.

**The Lean Startup: Theory and Practice @ Room 1307**

“The Lean Startup” is an audacious new bestselling book from Eric Ries that proposes the unification of managerialism and entrepreneurialism. Jim Van Fleet, software developer and entrepreneur, will guide you through the theory of the “Lean Startup” and discuss examples of techniques you can use in your own jobs or businesses.

**11:30 a.m. - 12:30 p.m.**

**Developing Great Apps for Windows Phone @ Room 2150**

In this session, we’ll take a look at Windows Phone, including the newly released “Mango” update. We’ll start with an overview of the phone, design guidelines and the application development tools and platform. Beyond the technology, we’ll look at what makes an app great and how you can make money by either developing paid apps or advertiser-supported apps.

**Your Digital Shadow @ Room 1408**

Through this session, attendees will learn the implications of living online and what it means to have an online presence. We need to be made aware of how an online presence can impact our lives, both positively and negatively. Job searches, future careers, everyday life – all of these things can be impacted by our online presence.

**21st century Digital Forensics:**

**Be a Cybercrime Fighter @ Room 1306**

With all the new gadgets, tools and toys now available to the public, what can a Digital Forensic Examiner find? What devices contain digital evidence? Can messages be retrieved from a phone by the police? When something is deleted, is it really gone? Join us to actually discover hidden digital evidence.

**Noon - 1 p.m.**

**An Internet Start-Up in Charlotte:**

**Tales From the Trenches @ Room 1410**

In this session, we will discuss our experiences in starting up an Internet company in Charlotte. We will explore what worked and what didn’t, local resources to tap into, funding sources and the differences between East Coast and West Coast investor perspectives. The session will also include a brief Q&A and some suggested resources for potential start-ups.

**Improving Technology-Oriented Education**

**@ Room 1302**

Did you know there are more than 1,000 unfilled technology-based jobs covering web design, user experience design, interaction design, and more in the Charlotte area? Discover how our community can improve technology-oriented education, help improve the city and lower unemployment in the technology sector even more.

**Social, Mobile and Media Convergence:**

**Breathing New Life Into Traditional News @ Room 1307**

Rawporter co-founders Kevin Davis, Rob Gaige and Michael Robinson discuss changes to the mainstream media landscape and share their views on the emergence of activity in the amateur news space.

**12:45 - 1:45 p.m.**

**An Introduction of Cloud Computing @ Room 2150**

Do you have a clear understanding of what Cloud is? Are you able to connect it with your work experience? This session clarifies myths and provides pertinent information about cloud computing from an IT professional’s viewpoint. Come confused and leave with a clear vision of what is cloud and what’s in it for you.

**Feltronic, The World’s Largest QR Code + More @ Room 1408**

What is feltronic? What can you do with it? What are QR codes? Find out the answers to these questions and more as the staff of Hackerspace Charlotte explain their work, their endeavors, and the largest QR code in the world, which is located right here in the Queen City.

**iPads in Education @ Room 1313**

Find out an interesting purpose for one of the most popular devices released in recent years as Elizabeth Mitchell shares her experience in using her iPad to produce learning pieces for her online courses. All faculty who use iPads for instruction in any way are invited to come and share their strategies with this receptive group.

**1:15 - 2:15 p.m.**

**Developing Your Online Portfolio / Persona @ Room 1307**

Some students believe that they can wait until it is time to graduate to take control of their digital profile, but by that time it may be too late. As more college recruiters and Human Resource Officers turn to Google and social networks to research potential candidates, your online resume may be as important as your offline resume. Learn how to manage yours effectively.

**Universal Design @ Room 1302**

Through this session, we will explore what types of technologies can be used by educators to enable access to content for ALL learners, not just students with disabilities. While Universal Design should not be seen as optional, instructors have many options available to them, including software and hardware, to easily improve the accessibility of their courses.

**What is node.js and Why You Should Care @ Room 1410**

This talk takes a unique dive into how non-blocking IO works, what that has to do with node.js and why you should be paying attention to node.js, non-blocking in general or both!

**2 - 3 p.m.**

**Crowdsourcing: The Next BIG Thing (Pun Intended) @ Room 2150**

As the number of Internet users rises dramatically in the coming years globally, this is a technology that will find its way into every product and service you use. Come get a basic understanding of what crowdsourcing is, who the big players are and how you can harness the power of the crowd. Get ahead of the crowd by learning about it now.

**Ask I.T. @ Room 1313**

What happens to my project when I put in an ITS Help Desk ticket? How do I update my online profile? Why do I have to archive my emails? What’s up with this new Google + tool? Find the answers to these and any CPCC information technology questions you may have. Visit our Google Moderator page to submit your question/vote for topics you want addressed or simply drop in at the event with your questions.

**What is a Street Paper? It’s Coming to Charlotte @ Room 1408**

Street magazines and street papers have been sold by homeless and low-income individuals for more than a 100 years. The past two decades have seen a modernization and global resurgence of this concept which empowers and brings dignity to our often-invisible neighbors. Learn how street papers work, who benefits and what it means for Charlotte.

**2:30 - 3:30 p.m.**

**HTML5 Mobile Apps Running on node.js @ Room 1410**

Smartphone and tablet shipments outnumber PCs, and you think your business may need a mobile presence. Come find out the answers to critical questions such as: When should I consider a mobile HTML5 app instead of a native application? Should I use a framework? What options do I have for a great user experience outside of native? How can I market and distribute my HTML5 mobile application?

**LinkedIn - Link Me In: Find or Be Found @ Room 1307**

Experience a hands-on presentation which highlights the power of LinkedIn as the number one social media tool for the business world. A little “How To” and “What’s New” will be shown with plenty of time for Q&A. Find out how to successfully leverage LinkedIn for your career and business goals.

**Revolutionize Education with Khan Academy @ Room 1302**

Take your courses to the next level. Provide your students with access to more than 2,600 videos covering K-12 math and science topics such as biology, chemistry and physics. Track student progress and focus on topics that are problematic.

**3:15 - 4:15 p.m.**

**Google Tools, Tips and Trends: Apps, Google+ and More @ Room 2150**

During this session, we will explore trends, tools and resources that are available to online users through Google’s online services including the Google Apps suite, Google+ and some options that you may have never known existed. You will receive some exciting tips, tricks and highlights for collaborating, publishing and managing your digital lifestyle through “cloud” computing.

**Blackboard Wikis, Blogs and Journals Workshop @ Room 1408**

Blackboard Learn™, Release 9.1, offers exciting new social learning and teaching tools that foster more logical, visually impacting and active learning opportunities for students, helping them stay connected to their educational experience 24 hours a day. Learn how to implement these tools to augment a class.

**Must-Have Technology for Getting Organized @ Room 1313**

Are you using the best device? Are you using the right apps? Join this lively session to discover the mix of technology you need to get and stay organized. This session will set you on the right path – whether you are a PC user or a Mac user.

**3:45 - 4:45 p.m.**

**An Introduction to 3D in the Browser with WebGL and Three.js @ Room 1410**

WebGL is awesome. It’s a very low-level API that extends JavaScript to allow the generation of 3D graphics via the canvas element. As part of our ongoing R&D at Skookum Digital Works, we’ve recently been experimenting with this technology and have put together a quick primer of this cool breakthrough in web graphics.

**From the Toilet to the Pulpit: The Embrace of Mobile Technology in Faith Circles @ Room 1302**

Another area of life that mobile technology has been quickly finding itself is in religious circles. Starting with Bible applications, mobile in faith circles has moved to educational and media industries to bolster those efforts. This talk will describe some of those efforts and how religion becomes the next private place where technology shifts major behaviors.

**Practicing Safer Computing @ Room 1307**

During this session, attendees will discuss best practices for passwords and discuss many of the typical threats that users face through virus, Trojans, scareware and social-engineering attacks. Attendees will learn about methods to mitigate many of these threats and new CompTIA offerings through CPCC.

**4:30 - 5:30 p.m.**

**Free Tips, Tricks, and Technology Tools for Techs (FT5) @ Room 2150**

What’s in your toolbox? There are amazing tools, websites and digital resources available to enhance your online experience. Attend this session and you will be introduced to best practices, tips, tricks and some fun geeky stuff that can help deliver innovative and engaging environments for communicating, collaborating, teaching and learning.

**Enhancing Online Courses With Embedded Media @ Room 1408**

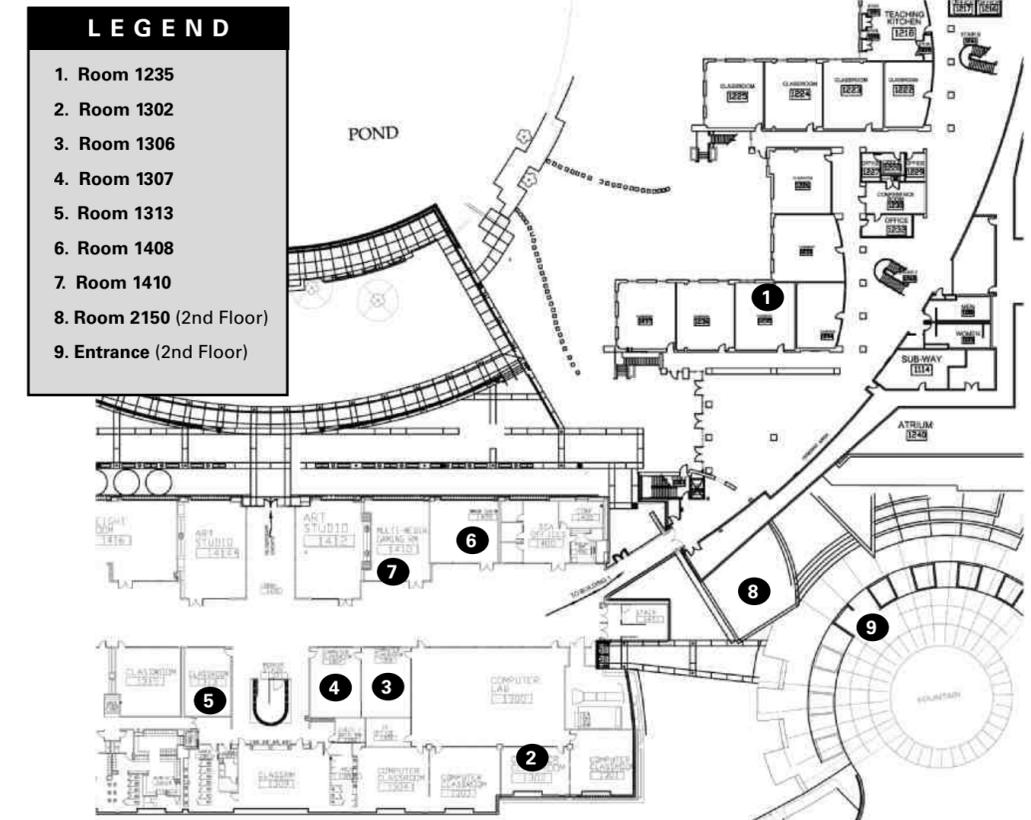
Create interactive, dynamic web content for your courses from audio, photos and slideshows, video and online forms. See how easy it is to embed exciting, readily available resources from YouTube, Picasa, Audacity, Google and much more!

**QR Codes and the Community College Library @ Room 1313**

If you don’t know what a QR code is, you probably don’t know how it can help you in your studies. Come to this informal session to find out how the CPCC library has implemented this technology and how it can link you to digital resources such as scholarly articles and research material that you might need.

**Outside Entrance Area**

Also be sure to check the outside entrance area for additional festivities, displays and event participants. The Joe Hendrick Center for Automotive Technology is also accessible with tours running throughout the day.



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a - 01100001	h - 01101000	o - 01101111	v - 01110110
b - 01100010	i - 01101001	p - 01110000	w - 01110111
c - 01100011	j - 01101010	q - 01110001	x - 01111000
d - 01100100	k - 01101011	r - 01110010	y - 01111001
e - 01100101	l - 01101100	s - 01110011	z - 01111010
f - 01100110	m - 01101101	t - 01110100	
g - 01100111	n - 01101110	u - 01110101	