



Electronics Technology

Webinar Handout for September 20, 2013

Description

Louis Frenzel, noted author and editor of Electronic Design News, will give an overview of the ultra-current trends and technologies that are driving the industry today. Discover applications involving, wireless, mobile, computers and the green influence on electronic technologies.

Webinar Speaker



Lou Frenzel is the Communications Technology Editor for Electronic Design Magazine where he writes articles, columns, blogs, technology reports, and online material on the wireless, communications and networking sectors. Lou has been with the magazine since 2005 and is also editor for Mobile Dev & Designonline magazine. Formerly, Lou was professor and department head at Austin Community College where he taught electronics for 5 years and occasionally teaches as Adjunct Professor. Lou has 25+ years' experience in the electronics industry. He held VP positions at Heathkit and McGraw Hill. He holds a bachelor's degree from the University of Houston and a master's degree from the University of Maryland. He is the author of 20 books on computer and

electronic subjects. Lou Frenzel was born in Galveston, Texas and currently lives with his wife Joan in Austin, Texas. He is a long-time amateur radio operator (W5LEF).

Contact Info

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Webinar Resources

The webinar recording, slides, and handout will be available following the webinar at www.matecnetworks.org, Keyword Search: "**Electronics Technology**".

eSyst: A Systems View of Electronics Technology

<http://www.esyst.org>

eSyst courses and learning activities present new systems concepts, learning objectives and instructional materials for the six most common courses in the AAS degree electronics technology programs taught in many community colleges and technical institutes.





Systems View of Electronics

<http://www.work-readyelectronics.org/modules/modules.htm>

Work-Ready Electronics offers instructional modules that may be used independently or integrated with current electronics curricula in college programs. The modules address those topics, knowledge, and skills that have not been sufficiently covered by even the most popular electronics textbooks but are considered essential to technicians in today's industry.

Electromechanical: Devices, Systems and Applications Digital Library

<http://electronics.wisc-online.com/>

This library of learning objects focus on concepts that cover a broad-based electromechanical program. The majority of these objects have been created for electronics with additional topic areas such as hydraulics, pneumatics, mechanical design, and process control.

Millimeter Waves Will Expand the Wireless Future

<http://electronicdesign.com/communications/millimeter-waves-will-expand-wireless-future>

This technical article describes how today's technology finally makes millimeter waves practical to use, enabling the continued growth of wireless communications before we run out of spectrum.

Latest Technologies

Printed Electronics Bends the Rules for Designing in Displays

<http://www.newelectronics.co.uk/electronics-technology/printed-electronics-bends-the-rules-for-designing-in-displays/51266/>

<http://www.youtube.com/watch?v=2YzBoEs0B1o>

Displays used to be rigid in every sense. Not just as a hard, flat, glass-covered surface, but also in terms of the options they presented the designer. Now, there is a bit more flexibility as developments in organic electronics are opening up new possibilities for displays and interfaces.

Dissolvable Electronics May Be the Wave of the Future

<http://www.redorbit.com/news/technology/1112818251/dissolvable-electronics-040813/>

Imagine a world where an electronic device disappears after it's no longer needed. That world may be closer than you think.

