**element14 community Empowers Engineers with New Additions to its Range of Essentials Courses**

*DIY learning modules on IOT, programmable devices, motor control and more*

**Chicago, September 6 2018:** [element14.com](http://www.element14.com), the online community for engineers, has added new courses to its range of free DIY learning modules, to help its members develop their skills and keep up with the latest trends and innovations within the industry.

The ‘Essentials’ courses take the form of simple, self-paced learning modules covering key areas such as IoT, motor control and power management. Each module is designed to be short enough to be fully completed in around one hour, ending with a quiz that members can complete to validate their learning.

The latest addition to the element14.com curriculum is a series on Programmable Devices, starting with a module focused on the essentials of programmable logic covering Boolean algebra, Logic Gates, Sequential Circuits, HDL and more. The course is sponsored by Xilinx.

Other popular Essentials Courses include Smart Power Distribution, Industrial IOT and Power Fundamentals for Makers. All courses can be accessed free of charge by registered members of the element14 community.

**Dianne Kibbey, Global Head of Community and Social Media for the element14 community and Newark element14, said:** “As the Development Distributor, Newark element14 recognizes how important it is to keep up to date with the latest trends, innovations and skills.”

“With the launch of our new Programmable Devices Essentials course, we are continuing to expand our range of multi-disciplinary learning modules, developed in close collaboration with our key partners to provide a high quality, accessible educational resource for all of our members.”

The element14 Essentials Courses are available in the [Online Learning Center](https://www.element14.com/community/community/learning-center/online-learning) at <https://www.element14.com/community/community/learning-center/online-learning/essentials>

To register to become a member of the element14 community, visit <http://www.element14.com/>

**\*\* Ends\*\***

**Notes to Editors**

You can find more details and supporting imagery related to this press release on our newsroom: [www.element14.com/news](http://www.element14.com/news)

**About us**

[Premier Farnell](http://www.premierfarnell.com/)  is a global technology leader with over 80 years in the high service distribution of technology products and solutions for electronic system design, production, maintenance and repair. Premier Farnell uses this experience to support its broad customer base, from hobbyists to engineers, maintenance engineers and buyers as ‘The Development Distributor’, working with leading brands and start-ups to develop new products for market, and supporting the industry as it seeks to develop the current and next generation of engineers.

Premier Farnell is a business unit of Avnet (Nasdaq: [AVT](https://ir.avnet.com/)). Premier Farnell trades as [Farnell element14](http://www.farnell.com/) in Europe, [Newark element14](http://www.newark.com/) in North America, and [element14](http://sg.element14.com/) throughout Asia Pacific. Premier Farnell also sells direct to consumers through a network of resellers, as well as its [CPC](http://cpc.farnell.com/) business in the UK.

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