

CHANGES

PHOTOGRAPHY We updated several of the competencies in 2015 and are continuing to solidify them in 2017. No new additions.— *Bill Chenaille, Academy For Media Production, Pennsylvania*

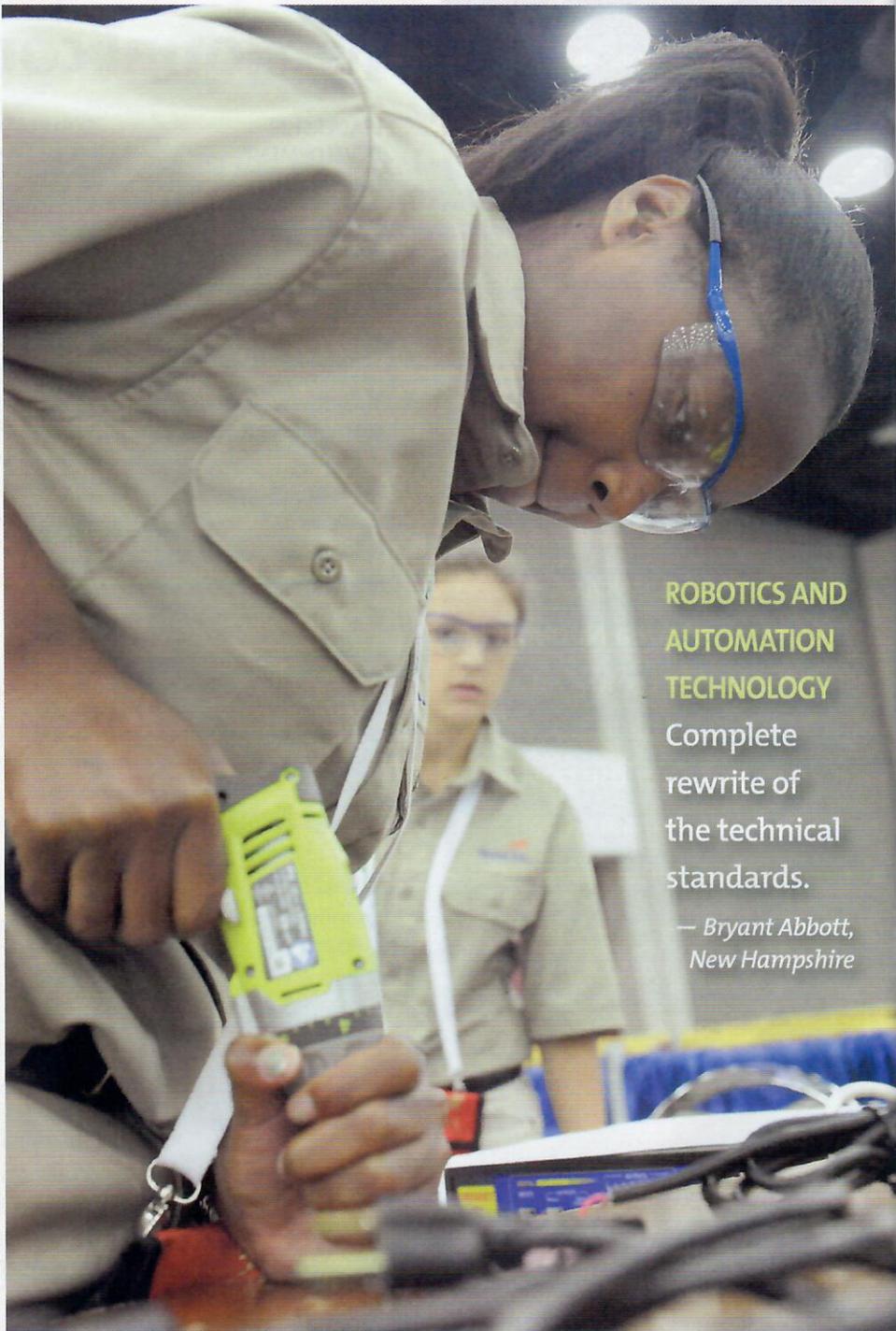
PIN DESIGN (STATE CONFERENCE) We have adjusted the language for the measurements in hopes that it will be easier to understand what we are looking for and how you will be penalized if your artwork is the incorrect size. We have changed the presentation and are no longer providing a projector for the presentation. We feel that the computer screen or poster or tablet is sufficient for the judges to evaluate, and the use of a projector or large media device was unnecessary for the presentation. We want you to focus on your material, not if you can get the projector to work correctly.— *Steven Lick, KnowBell LLC*



TELECOMMUNICATIONS

CABLING Fiber optics for the past couple of years.

— *Teresa Maher, ETA International*



ROBOTICS AND AUTOMATION TECHNOLOGY

Complete rewrite of the technical standards.

— *Bryant Abbott, New Hampshire*

QUIZ BOWL The sources for the current events questions are now online: CNN and Fox News.— *Chip Harris, Tennessee State University*



run, and a separate time trial run has been added.— *Alan Kirby, Pitsco Education*

TECHNICAL DRAFTING The Technical Drafting [rules] were rewritten to include more topics and references to the specific related ASME [American Society of Mechanical Engineers] national drafting standards. The written test and drafting problem are based on these standards.— *Patrick McCuiston, Multimac Dimensional Management Services* ●

ROBOTICS: URBAN SEARCH AND RESCUE The time bonus has been removed from the challenge course