



IEEE Tappan Zee Subsection Joint Meeting with SME Westchester 216 & ASME Westchester County Chapter Presents:

“New Visions Engineering Class”

The Tech Center at Yorktown
Putnam/Northern Westchester BOCES

Gerry Markel

Architectural Design & Modeling Instructor - gmarkel@pnwboces.org

Carlo Vidrini

Engineering Instructor - cvidrini@pnwboces.org

Wednesday Nov. 12, 2014 at 6:30 PM

All are invited – Please Post

Abstract: Consisting of 18 component school districts, Putnam Northern Westchester BOCES is a collaborative that provides educational opportunities and supportive services that individual districts are unable to provide as effectively and economically on their own. PNW BOCES Career and Technical Education Center offers a wide range of opportunities to 11th and 12th grade high school students who are considering either college or a career. Career Academies, which integrate academics with technical training, include everything from Advertising Art and Digital Design, New Visions Engineering, The Architecture and Design Lab, Fashion Design and Computer Graphics to Pastry Arts and Auto Mechanics and much more. The New Vision Engineering class is an academically rigorous one year program for college bound high school seniors who plan to major in an engineering discipline.

PNW BOCES cordially invite members of the SME, ASME, & IEEE to tour the New Visions Engineering class. Listen and observe as students explain their curricula and demonstrate the technologies they use such as 3d Printing, Laser Scanning, Robotics, CNC Machining, Wind Tunnel and Flight simulators, and CADD drawing software.

Bios: **Gerald Markel** has been a licensed Architect in NY State since 1983. He is also a LEED BD&C. Gerry teaches The Architecture and Design Lab and co-teaches the New Visions Engineering class at Putnam Northern Westchester BOCES.

Carlo Vidrini, was born and raised in Trieste, Italy. Carlo worked for 25 years in the field of Satellite and Electronics installation/repair in Italy, where he owned CDV Electronics Co. After moving to the United States, in 1999, Carlo began working for P/NW BOCES. In 2000 he was appointed as a Telecommunication Instructor. Carlo is a NYS Certified Teacher as well as a C-TECH Certified Instructor for: Intro to Telecom, Copper Based, ISVM (Integrated Systems Voice and Messaging) Fiber, and Smart Home Technologies programs. Since 2009, Carlo has been a Coach/Mentor for the FTC 4244 Robotics Team.

Location: Tech South Building, Board of Cooperative Educational Services, 200 BOCES Drive Yorktown Heights, NY 10598-4399 Map: <https://goo.gl/maps/l51lt>

Directions: <http://www.pnwboces.org/directions.htm>. After entering the BOCES campus follow the signs to Tech South Building.

Registration: RSVP is requested. RSVP to John Stein, jstein36@optonline.net

IEEE Registration Link is <http://meetings.vtools.ieee.org/m/30285>. See Tappan Zee Subsection website event page at http://www.ewh.ieee.org/r1/new_york/tz/ for more details.

Refreshments: Refreshments (Wedge and Soft Drinks) will be offered at 6:30 PM, presentation starts at 7:00 PM.