

CONTINUING EDUCATION FOR ENGINEERS

GEOMETRIC DIMENSIONING & TOLERANCING (PE18-01)

(6 Hours Continuing Education) - Wednesday, April 4, 2018 9 a.m. - 4 p.m.

<https://www.binghamton.edu/watson/industry/continuing-education.html>

ABOUT THE COURSE:

This is a 6-hour course that closely follows the ASME Y14.5-2009 standard and will provide class participants with the ability to:

- Understand GD&T definitions, terminology and basic rules
- Explain the general dimensioning concepts
- Describe the symbology and datums used in GD&T drawings
- Discuss the effects of various application options on GD&T
- Calculate critical values using GD&T
- Read a GD&T drawing and begin applying it to actual designs

This course complies with the requirements of the NYS Office of Professions for continuing education credit. At the successful completion of the class, the participants will have earned 6 PDH credits to help satisfy a portion of their Professional Engineering continuing education requirements.

WHO SHOULD ATTEND:

The GD&T course is intended for professional engineers, mechanical engineers, designers, drafters, manufacturing engineers, machinists, and engineering managers but would also be helpful for people involved in sales/quoting of manufactured parts.

INSTRUCTOR:

Michael V. Brown is a Mechanical Design Engineer at The Raymond Corporation in Greene, NY, part of Toyota Material Handling North America, with over 15 years of industry experience. Along with developing new products for Raymond, he is the Subject Matter Expert in GD&T, practicing, teaching courses, and supporting the engineering and manufacturing teams. Prior to working at Raymond, Mike was a Research Engineer at Reactive NanoTechnologies in Hunt Valley, Maryland. He has a B.S. degree in Mechanical Engineering from Rochester Institute of Technology. Mike currently lives in Endicott, NY, with his family.

LOCATION:

Binghamton University
Innovative Technologies Complex (ITC)
85 Murray Hill Road
Vestal, NY 13850

DATE: Wednesday, April 4, 2018

TIME: 9 a.m. - 4 p.m. (Registration/coffee at 8:45 a.m., Lunch 12-1 p.m.)

For more information and to register for the course visit: <https://www.binghamton.edu/watson/industry/continuing-education.html> or call the Watson School's Office of Industrial Outreach at (607) 777-6241

