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## **Woody Santy Trainer - Six Sigma Green Belt**

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Woody joined the TMG team in July 2016. His first assignment is with the Arconic location in Exeter England, training and mentoring the first wave of Green Belts at that site.

Woody retired from John Deere in 2009 where he was a Master Black Belt at the Horicon factory. Over the 30 years with John Deere he held a number of positions including engineer, quality engineer, statistical consultant and master black belt. Woody began his Six Sigma journey in 1996 and was awarded his ASQ Six



Sigma Black Belt in 2001, the first year it was offered. In 2000 he was on special assignment and work with a team to develop the Black Belt training material for Deere. For the last five years with Deere he coordinated the Six Sigma program for the Horicon factory.

From 1988 to 2014, while working at Deere, Woody also served as President of Industrial Quality Consultants (IQC), a partnership company that worked part time providing training in a variety of Quality subjects. After retirement from Deere, through IQC, Woody provided Green Belt training to numerous Deere locations in the US as well as Mexico, Spain and Germany. Design of Experiments (DOE or DOX) has long held a special interest for Woody. In 1985, he attend a class on Taguchi Methods and a seminar on DOX lead by George Box and Bill Hunter. Over the next 30+ years, Woody worked with engineers to conducted over 200 experiments and teach DOX/DOE (as a separate class or portions of a class) over 300 times.

From 2005 – 2013 Adjunct instructor for Marian teaching the Statistics/Quality Tools class for the Organizational Leadership and Quality master's degree program.

From 2011 – 2013 Adjunct instructor Milwaukee School of Engineering teaching Design of Experiments for undergrad and masters engineering degrees.

Prior to working at Deere, Woody spent three years with the Bureau of Mines and two and a half years with the Department of Energy as a mathematical statistician - primarily working on mining subsidence research.

Woody received a BS in mathematics in 1972 from the University of Wisconsin Green Bay and a MS in Statistics from Iowa State University in 1974.