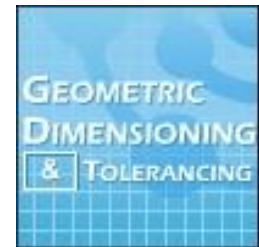


## FOR IMMEDIATE RELEASE

# Geometric Dimensioning and Tolerancing (GD&T) Online Training Now Available

*Oxygen Education releases capstone course of its Blueprint and Drawing curriculum for advanced manufacturing education.*

**Indianapolis, Ind. – March 18, 2010 – Oxygen Education, LLC**, a market leading developer of online learning content for technical education and workforce development, today announced the availability of its Geometric Dimensioning and Tolerancing (GD&T) online training. The capstone of its online Blueprint and Drawing curriculum for advanced manufacturing, Oxygen's GD&T course teaches learners the rules for GD&T and defines the language, symbols, principles, and application of dimensioning and tolerancing practices per the American Society of Mechanical Engineers (ASME) Y14.5M-1994 standard – the international language used on engineering drawings. Colleges and manufacturers will implement all or parts of Oxygen Education's Blueprint and Drawing curriculum for advanced manufacturing in online and blended learning environments.



“Using the very precise language of GD&T ensures a part’s design requirements are correctly understood to create the best manufacturing approach and proper inspection methods,” explained David Sandmeyer, director of product development, Oxygen Education. “When everyone from the design engineer to the worker on the factory floor speaks the same language, guesswork is removed from the manufacturing process, resulting in a superior product at a lower cost.”

The simulation-based format of Oxygen Education online learning content allows difficult concepts to be presented in 3-D with all the moving parts displayed, creating interactive learning experiences that no textbook can duplicate. Oxygen Education's complete Blueprint and Drawing curriculum for advanced manufacturing includes:

- **Blueprint Reading** – An introduction to reading and interpreting the common symbols found on blueprints that also enhances learners' math and geometry skills through practical application.
- **AWS Welding Symbols on Blueprints** – This specialized welding training introduces the common weld and welding symbols found on blueprints per standards set by ANSI/AWS A2.4-79.
- **General Dimensioning and Tolerances** – Provides a fundamental understanding of dimensioning rules, units and types of dimensioning, dimensioning features, and tolerancing methods.
- **Geometric Dimensioning and Tolerancing** – Teaches learners to understand dimensions and tolerances on engineering drawings per the ASME Y14.5M-1994 standard. Learners study the concepts of datums, tolerance zones, materials conditions, characteristics, and datum references.



The newly released GD&T online training content further extends Oxygen Education's extensive [library of online learning content](#). Educational institutions and manufacturers flexibly design training programs to meet local and individual needs by licensing one, all, or a combination of the ready-to-implement online learning modules in the Oxygen Library. In addition to the Blueprint and Drawing curriculum, Oxygen's Library provides engaging, simulation-based online learning content for technical education and workforce development in Advanced Manufacturing, CNC, Materials, Metrology, Production, Quality Systems, Tooling, Alternative Energy, Green Technology, Lean Techniques, Logistics, and Fundamental/Communication Skills.

Contact Oxygen Education at [sales@o2ed.com](mailto:sales@o2ed.com), 317-275-5959 for information about implementing Blueprint and Drawing online learning content or any of Oxygen's engaging, interactive online training content for technical education and workforce development.

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### **About Oxygen Education**

Oxygen Education, LLC develops high quality, interactive training content for online technical education and workforce development. Our staff of experienced manufacturing and technology industry personnel works closely with our highly trained instructional and graphic design teams translating complex, technical concepts into engaging online learning experiences. Our methodology affirms learner competency with thorough activities and end-of-chapter assessments. Educational institutions, manufacturers, and workforce development programs around the globe choose Oxygen Education to train the world's evolving workforce. To learn more about Oxygen Education, please visit us at [www.o2ed.com](http://www.o2ed.com).

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