



Governor Hoeven, along with the Department of Public Instruction and the ND Aeronautics Commission invite you to inspire groups of 3-7 of your students to take part in a state computer-aided design competition.

Participants will receive:

- ✓ **FREE** Teacher Professional Development – [PTC Academy Online Certification](#)
- ✓ **FREE** Science and Engineering Mentors
- ✓ **Recognition of the winning team by the Governor's office**
- ✓ **FREE** Professional Engineering Tools – totaling approximately \$1 million
 - Pro/ENGINEER Schools Edition 3D (Computer Aided Design)
 - Windchill Global Engineering collaboration
 - Engineering Fluid Dynamics license
- ✓ **FREE** trip to Washington DC as the winning state team – all expenses paid

Goals of the challenge:

- ✓ Inspire and engage all students in STEM education
- ✓ Highlight the potential future workers in science and engineering fields

The Real World Design Challenge aligns secondary education with 21st Century workforce needs, and strengthens professional development for teachers by providing training and facilitating industry collaboration. Mentors from National Laboratories, the FAA, industry and higher education, will provide support, to teachers and students, using a web-based global engineering backbone.

The Real World Design Challenge bridges the needs of industry with the future of education. It teaches innovation, creativity, and collaboration using the expertise that industry, government and higher education have been perfecting for decades. With this real world approach to learning, we can keep our workforce strong, and ensure America's prosperity for the future.

Real World Design Challenge partners include 23 organizations from public and private groups.

For more information please contact me by e-mail or at the number below, or visit the RWDC Website at:

<http://www.realworlddesignchallenge.org/>

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