



What is an Automation Alley Global Trade Mission (GTM) Trade Challenge?

An Automation Alley GTM Trade Challenge is the simulated business venture that students complete at the GTM event. Although it is a simulation experience, the industries, trends, and products are not. Challenges are developed in collaboration with regional trade, industry, and business experts to reflect the up-to-the-moment global business environment. Some past and current GTM Trade Challenges include:

Access Denied *Design systems or devices for the protection of infrastructure, structures and people, or to guard against computer viruses or identity theft.*

Bionic World *Use emerging bio- and nanotechnologies to develop products that improve human function and health, medical practices, or consumer products.*

Concept Car *Design a car to provide not only transport, but serve a need of the target consumer group by having the capacity to function as other equipment.*

Disposable Car *Design a car that meets current and future standards for alternative fuels emissions control, and end-of-life waste management.*

Doctor in the House...and Future *Develop medical technologies that can be used remotely or by lay personnel or that answer the particular health concerns of the next century.*

Get Connected *Outline a plan to provide used personal electronics, using microloan strategies to bring disenfranchised demographic groups into the market*

Green Robots *Design a robotic tool and accompanying training program for the cleanup of environmental hazards.*

Green Architecture *Design manufacturing, transportation, or residential architecture that incorporates green design practices.*

Hook It Up *Design an Internet network for businesses and schools in developing countries, including a training program for targeted users.*

Hospitals To Go *Develop partnerships with leading medical facilities worldwide to provide and promote world-class care.*

Second Team...FIRST *Develop a robotics competition and tour to impart science and technology knowledge to young learners across the world, using the FIRST Robotics program as inspiration.*