



Maryland Engineering Challenges™
2011
Maryland Future City Guide

Supported By:

Wallace, Montgomery & Associates

Level:

Middle School—Grades 6th, 7th, & 8th

Important Dates:

Registration Deadline

Saturday, October 29, 2010

Competition Date

Saturday, January 15, 2011

9:00 a.m. – 2:00 p.m.

Snow Date

Saturday, January 22, 2011

9:00 a.m. – 2:00 p.m.

Important Information:

All Maryland Future City activities will be held at:

Baltimore Museum of Industry, 1415 Key Highway, Baltimore MD 21230

For information about engineering requirements or to register a team, please contact Ray Moravec at r_moravec@wallacemontgomery.com or Mark Bodmann at m_bodmann@wallacemontgomery.com

For general questions about the Maryland Engineering Challenges, contact Melinda Cané at mcane@thebmi.org

The Future City Challenge:

Each team will design a city of the future using award winning SimCity 4 Deluxe software (provided). A project plan is developed, paying special attention to residential, commercial and industrial areas, power plants, transportation systems, and communications systems. Students address important issues such as pollution, traffic density, taxes, and budgets while designing their city. Components include: a computer model, a physical model, an essay, and an oral presentation. This year's theme will be:

Providing a reliable and effective health care product that effectively improves the quality of life and comfort for a patient who is either a senior citizen or has a specific disease, or is suffering from an illness, injury, or physical disability.

The winner of the Maryland Future City Challenge may have the opportunity to compete at the National Future City Competition in Washington, DC during National Engineers Week. More information about the national competition may be found at www.futurecity.org

Engineering Team Requirement:

Each team consists of three students, one teacher, and one engineer/mentor



GOOD LUCK TO YOUR TEAM!