



Project Lead the Way Ohio 2008 Fall Conference

Day 2: Program Session Descriptions (Teachers Only)

Principles of Engineering

Presenters:

Cathrine Summer, Army Education Liaison
Peter Leeper, Master Teacher
Craig Abram, PLTW Teacher

This session is required for all POE teachers and will cover the curriculum enhancements currently being piloted in Ohio as a result of the collaboration between America's Army and PLTW.

Introduction to Engineering Design

Tom Singer, Affiliate Faculty, Sinclair Community College
Bill Small, Master Teacher

Roundtable for new or established programs to share ideas for new projects and look at curriculum issues with a master teacher and an affiliate faculty member active in teaching the Summer Training Institute classes in IED.

Digital Electronics

Ed Yager, PLTW Teacher
Chad Weaver, Master Teacher

Session designed to allow new or established programs to trade ideas and issues from their classrooms and obtain answers from two experienced DE teachers.

Gateway to Technology

Steve Wendel, Affiliate Faculty, Sinclair Community College
Don DeMarco, Fredericktown

This GTT teacher roundtable will focus on classroom delivery of two of the PLTW modules (Design and Modeling and Automation and Robotics) and projects not covered in the curriculum.

Biomedical Science

Autum Barry, Master Teacher
Dave Gordon, Biomedical Teacher

With a full year of the biomedical curriculum under their belts, these biomedical teachers will share both their training experiences and their experiences in the classroom.

ImaginIT Level 1, Basic Inventor

Elvis Sverko, Manufacturing Solutions Division, IMAGINIT Technologies

This session is recommended for instructors who are in their first or second year of using Inventor software, or those who still feel unfamiliar with Inventor. Basic modeling will be demonstrated, both part and assembly.

ImaginIT Level 2, Advanced Inventor

Elvis Sverko, Manufacturing Solutions Division, IMAGINIT Technologies

This session is recommended for instructors who feel comfortable with Inventor basics. Some examples of topics covered are advanced geometry creation tools (centerline and area lofts, sweeps, coils), analysis tools, or importing and exporting data.

Computer Integrated Manufacturing

David Lord, PLTW Teacher
Jeff Donbar, Affiliate Faculty, Sinclair Community College

Learn tricks and tips and get software info and classroom tips; you will be working in Sinclair's robotics lab where CIM classes are held.

Civil Engineering and Architecture

Steve Carter, Master Teacher
Eric Dunn, Affiliate Faculty, Sinclair Community College

Learn about the CEA curriculum and how it is delivered; this session is for both teachers currently teaching CEA and those who are interested in offering it as an elective at your school in the future.

Engineering Design and Development

John Koutras, PLTW Teacher

Experienced teachers- bring the projects you did for EDD; also recommended for biomedical teachers as your chance to be introduced to research and development concepts and issues in PLTW's curriculum. The content of EDD is similar to the final module in the PLTW biomedical curriculum.
