



# Digital Electronics™

## 2009 Pre-Training Experience Survey

The Project Lead The Way® Summer Training Institute (STI) brings together classroom teachers from various subject areas and with varying levels of experience. In order to help your STI instructors prepare to effectively teach to a diverse audience we ask that you take a few moments to complete the following pre-assessment tool. Your responses will only be shared with your STI instructor. **Please return the completed form to the Affiliate Director prior to your arrival at the STI. If you do not return the form prior to the STI, you will have to complete the form as part of the onsite registration process.**

Date of the STI you will be attending: \_\_\_\_\_

Name: \_\_\_\_\_

School: \_\_\_\_\_

City and State: \_\_\_\_\_

Subject(s) taught: \_\_\_\_\_

List all software used: \_\_\_\_\_

Number of years in teaching: \_\_\_\_\_

Please use the scale below to respond to the following topics.

**1 = I have little or no experience with this topic**

**2 = I have had moderate experience in this area**

**3 = I am very confident of my skills in this area**

Check the box  to indicate your level of competency for each topic and fill in the blanks where requested.

1     2     3

**Software Tools**

MS Power Point

MS Word

Circuit Design Software

**Science / Physics Principles**

Magnetism

Basic Electron Theory

DC Circuits

Engineering Notation

**Mathematics Concepts**

Basic Algebra

**Prototyping / Tool Experience**

Solderless Breadboard

- Circuit design
- Soldering
- Hand Tools (ie. wire strippers, pliers, small screwdrivers etc)

**Bench Equipment**

- Digital Multimeter
- Power Supply

Please use the scale below to respond the following topics.

**1 = No knowledge; require training**

**2 = Can perform with help**

**3 = Self-sufficient**

**How well can you perform the following tasks?**

Check the box  to indicate your level of competency for each topic.

- 1     2     3

**Computer Skills**

- Basic mouse skills
- Identify and use icons, menus, and windows
- Move and copy files
- Create and name/rename subdirectories /folders
- Save, open, and place documents in subdirectories/folders
- Open and work with more than one application at a time
- Opening, closing, moving, and sizing windows
- Change the desktop display
- Work with the Taskbar and the Start button
- Start My Computer and Windows Explorer
- Create Start menu shortcuts
- Create desktop shortcuts
- Find a file or folder
- Create a new folder
- Copy files onto removable storage devices
- Rename, Copy or Move files or folders
- Share folders and files
- Check System Properties
- 'File ... Save' vs. 'File ... Save As'
- Internet research, web browsers

It is our intent to take digital photographs of participants, list their address and email and assemble them on a master sheet. This is to be distributed to each member of the current class for future reference and contact. Additional photographs or video of participants will be taken throughout the summer training and may be added to curriculum resources and used for instructional purposes. I hereby give my permission for my picture to be taken and used as previously described.

Name \_\_\_\_\_  
Print

Signature \_\_\_\_\_

Date \_\_\_\_\_

**Additional Information**

Briefly describe your college experience. List any relevant electrical/electronics college courses you have taken.

What other areas of study have you pursued?

Briefly describe your work experience.

What hobbies or other interests do you engage in?

Will you be teaching DE next school year?

Do you plan to commute or stay on or near campus for the duration of the STI?

Please use the space below to identify what you wish to gain from taking this training. Also note any special needs or concerns.