



## Overview/Goals



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#### Overview

This interactive white board course is a 7-week long course designed for K-12 educators. The overarching course goal is for teachers to learn how use an interactive white board and its provided software to engage students, enhance instruction, and improve student achievement. The course will provide training and support for teachers to create and implement lessons that maximize the functionality of the interactive white board. While the majority of the material holds true for all IWBs, the examples and development of products for this course will concentrate on SMARTBoards and the SMART Notebook 10 software. SMART Notebook 10 is available for free to all teachers who have at least one Smartboard in their district.

The two main projects that a teacher will submit are a "Top Ten Cool Tools" list and a standards-based lesson both presented as SMART Notebook 10 files.

#### Goals

Teachers will:

- Use advanced features of the Notebook software
- Evaluate interactive resources for use on the IWB
- Integrate additional programs and resources with the IWB
- Create a standards-based lesson using interactive white board tools

Session One	Exploring the IWB Software
Session Two	IWB Data and Action
Session Three	Make It Interactive!
Session Four	You Be the Judge
Session Five	Sharing Opportunities
Session Six	Putting It All Together

#### Standards

##### [Delaware Professional Teaching Standards](#)

##### 3.0 Content Knowledge

The teacher understands the core concepts and structure(s) of the discipline(s) and their related content standards and creates learning experiences that make the content meaningful to students.

## 7.0 Learning Environment

The teacher understands individual and group behavior and creates a learning environment that fosters active engagement, self motivation, and positive social interaction.

## 8.0 Planning for Instruction

The teacher understands instructional planning and designs instruction based upon knowledge of the disciplines, students, the community, and Delaware's student content standards.

## 9.0 Instructional Strategies

The teacher understands a variety of instructional approaches and uses them to promote student thinking, understanding, and application of knowledge.

## 13.0 Educational Technology

The teacher understands the role of educational technology in learning and uses educational technology as an instructional and management tool.

[NETS standards](#) and performance indicators for teachers

1. Facilitate and Inspire Student Learning and Creativity
2. Design and Develop Digital-Age Learning Experiences
3. Model Digital-Age Work and Learning

### Prerequisites

Participants are expected to have basic technology skills and regular access to computers. Specifically, participants should be proficient with browsing the Internet, using email, and saving and accessing computer files.

### Course Requirements

In order to successfully complete this course, participants must meet the following requirements:

<b>Discussion Postings</b>	Participants are expected to respond to the online discussion prompt in the orientation and each of the six course sessions with an original posting. Participants are also expected to post reflective responses to at least 2 other messages in the online discussion for the orientation and six sessions. At least one posting should be made early enough in the discussion period to allow time for others to read and respond.  Postings and replies must meet EdTech Leaders Online <a href="#">Discussion Board Expectations</a> .
<b>Course Activities</b>	Participants are expected to complete the required course readings and activities as posted in each of the six session assignment pages.
<b>Products</b>	"Top Ten Cool Tools" List published in Notebook 10 Participants are expected to create and submit a standards-based lesson in the form of a Notebook 10 file that showcases how the Smartboard can engage students, enhance instruction, and improve student achievement. The final project will be completed using the <a href="#">Lesson Plan Starter Template</a> and evaluated with a <a href="#">rubric</a> . The content area and lesson topic is your choice.
<b>Course Surveys</b>	Participants are expected to complete the Orientation Survey prior to the end of the Orientation session and the Final Survey prior to the end of Session Six.

## Feedback and Assessment

Facilitators review and assess individual participant progress throughout the course. At the conclusion of each session, the facilitator updates the course Gradebook noting whether participants met discussion board expectations and completed any required assignments

## Technical Requirements

### SMART Notebook 10

Download and install the [SMART Notebook](#) software if needed. If your school district owns at least one SMART Board, you can install this software on your computer for free. You will need to obtain a product key provided to your district when the SMART Board was registered. Otherwise, a free 30 day trial is available for anyone.

PDF (which stands for "Portable Document Format") is a popular format for distributing documents on the Internet. Several readings in this course are posted in PDF format. To view and print PDF documents, you need Acrobat Reader software, available free from Adobe's website. If you do not yet have Acrobat Reader installed, go to the Adobe site and follow the directions to download and install the software.

Pop-Up Blockers are software programs that you can download to prevent "pop-up" ads from opening up in your web browser. If you have this software installed, you may have difficulty accessing the participant and final surveys in Blackboard, since they open up in new windows. To bypass this problem, hold down the Control Key on your keyboard while clicking on the survey link.

### Multimedia Software

Some sites linked to in Delaware elearning courses and workshops incorporate multimedia materials. To be able to experience the sites with the full multimedia effects, you may need one or more of the following free software downloads:

[Quick Time](#)

[Real Player](#)

[Windows Media Player](#)

[Shockwave](#)

[Flash Player](#)

[Java](#)

Enabling Javascript Javascript must be enabled in your browser. For Internet Explorer, go to Tools > Internet Options and select the "Security" tab; click "Custom Level" near the bottom; scroll down to "Scripting" and make sure "Enable" is selected under "Active scripting". For Firefox, go to Tools > Options > Content > Enable JavaScript (checked). For Safari, go to Preferences > Click Security > Check Enable JavaScript. Close the window and click Reload.

Saving Work To prevent loss of content, it is critical to save copies of your course development work in multiple locations. At a minimum, elearning recommends saving a hard copy of your course content both within the course management system and in a file stored on your local computer.