



Educational Technology Center

## Summer 2009 Course Listing

Educational Technology Center housed at the National Science Center

[www.etcnsc.org](http://www.etcnsc.org)

Course Number	Course Title	Date(s)	Time(s)	PLU's	Location	Price
TBA	Using Formative Assessment in a Standards-based Classroom  (Online course)  <a href="#">Info and Special Registration</a>	May 18, 2009 - June 5, 2009	Online	3	Online	FREE (to first 20 registrants)
21980	<a href="#">Interactive Curriculum in Environmental Science and Social Studies</a>	June 8 - 10, 2009	TBA	2	MEEC	\$25
33021	<a href="#">Office 2007 Update</a>	June 9 - 10, 2009	9:00a - 3:30p	1	ETC Lab A	\$25
21950	<a href="#">SMARTBoard Interactive Whiteboard - Level I</a>	June 11 - 12, 2009	9:00a - 3:30p	1	ETC Lab D	\$50
21900	<a href="#">ACTIVBoard Collaborative Classroom System - Level I</a>	June 11 - 12, 2009	9:00a - 3:30p	1	ETC Lab A	\$50
21722 or 21723	<a href="#">Using Geometer's Sketchpad for Middle School Math</a>  <a href="#">Using Geometer's Sketchpad for High School Math</a>	June 15 - 16, 2009	9:00a - 3:30p	1	ETC Lab A	\$25

21740	<a href="#">Enhancing Secondary Mathematics Understanding with the Graphing Calculator</a>	June 17 - 18, 2009	9:00a - 3:30p	1	ETC Lab A	\$25
21900	<a href="#">ACTIVBoard Collaborative Classroom System - Level I</a>	June 22 - 23, 2009	9:00a - 3:30p	1	ETC Lab A	\$50
21631	<a href="#">Podcasting for Educators</a>	June 22 - 23, 2009	9:00a - 3:30p	1	ETC Lab D	\$25
21628	<a href="#">Wonderful Web Resources</a>	June 29 - 30, 2009	9:00a - 3:30p	1	ETC Lab A	\$25
80017	<a href="#">Hardware Troubleshooting</a>	June 29 - 30, 2009	9:00a - 3:30p	1	ETC Lab D	\$25
51120	<a href="#">Digital Video: How to Make It Happen</a>	July 8 - 9, 2009	9:00a - 3:30p	1	ETC Lab A	\$25
TBD	<a href="#">Technology Infused Formative Assessment Strategies and Techniques</a>	July 8 - 9, 2009	9:00a - 3:30p	1	ETC Lab D	\$25
51069	<a href="#">Movie Maker: Creating Exciting Curriculum Based Projects</a>	July 13 - 14, 2009	9:00a - 3:30p	1	ETC Lab A	\$25
21722 or 21723	<a href="#">Using Geometer's Sketchpad for Middle School Math</a> <a href="#">Using Geometer's Sketchpad for High School Math</a>	July 15 - 16, 2009	9:00a - 3:30p	1	ETC Lab A	\$25

53500	<a href="#">Networking Basics</a>	July 20 - 21, 2009	9:00a - 3:30p	1	ETC Lab A	\$25
TBD	<a href="#">Put the "ACTIV" Back In ACTIVStudio Flipcharts</a>	July 23 - 24, 2009	9:00a - 3:30p	1	ETC Lab A	\$50

### Course Descriptions

Course Number	PLUs	Course Name	Description
21628	1	Wonderful Web Resources	<p>Hints, tips, and search strategies will be presented that will help guide internet users to useful and engaging websites. This hands-on course will introduce teachers to 21<sup>st</sup> Century technology tools such as Google Apps, media creators, media manipulators, classroom resource creators, basic classroom use of popular educational blogs and podcasts, as well as a host of other interesting, fun, and engaging websites and applications.</p> <p>School Keys Correlation: C1.3, A1.3, A2.3, A2.4, I2.1, I2.2, I2.3, I2.4, I2.5, I2.7, I3.1, I3.2, PO2.2, PO3.2, PO4.2, PL1.5, PL3.3</p> <p>CLASS Keys Correlation: CP1.1, CP1.3, CP2.3, SBI1.1, SBI1.2, SBI1.3, SBI1.4, SBI1.5, SBI2.2, AL1.1, AL1.3, P1.1, P1.3, P3.2</p>
21631	1	Podcasting for Educators	<p>Participants will learn how to create a "podcast" (internet broadcast) or original teacher and student-created work. Participants will also learn how to use podcasting as an instructional tool in (and out) of their classroom for remediation, enrichment, performance task assessments, and differentiated instruction. Ideas and examples will be reviewed and discussed. Teachers will also learn how podcasting can be used as a professional development resource.</p> <p>School Keys Correlation: C1.3, A1.3, A2.3, A2.4, I2.1, I2.2, I2.3, I2.4, I2.5, I2.7, I3.1, I3.2, PO2.2, PO3.2, PO4.2, PL1.5, PL3.3</p> <p>CLASS Keys Correlation: CP1.1, CP1.3, CP2.3, SBI1.1, SBI1.2, SBI1.3, SBI1.4, SBI1.5, SBI2.2, AL1.1, AL1.3, P1.1, P1.3, P3.2</p>

21722/21723	1	Using Geometer's Sketchpad for MS/HS Math	<p>Geometer's Sketchpad is a dynamic construction and exploration computer software application that can be used to teach geometry and algebra. With the roll out of the Georgia Performance Standards, many geometry and other higher level math concepts will be taught in middle school and high school. Geometer's Sketchpad can be very helpful to middle and high school teachers as they teach the standards. Teachers will participate in "hands-on" activities that align to the GPS that are engaging for students. Teachers will see how this software can be used to create performance tasks, conduct formative assessment, and differentiate instruction. These two courses (one for MS and the other for HS) can be taught in conjunction.</p> <p>School Keys Correlation: C1.3, A1.3, A1.4, A2.2, A2.3, A2.4, I2.1, I2.2, I2.3, I2.4, I2.5, I2.7, I3.1, I3.2, PO2.2, PO3.2, PO4.2, PL1.5, PL3.3</p> <p>CLASS Keys Correlation: CP1.1, CP1.3, CP2.3, SBI1.1, SBI1.2, SBI1.3, SBI1.4, SBI1.5, SBI2.2, AL1.1, AL1.3, P1.1, P1.3, P3.2</p>
21740	1	Enhancing Secondary Mathematics Understanding with the Graphing Calculator	<p>This course will focus on ideas to help secondary math teachers entice learners to think differently and build stronger understandings through the use of a graphing calculator and engaged learning strategies. Through modeling and hands-on activities with a graphing calculator and peripherals such as the TINavigator, TIPresenter, etc., participants will explore strategies for connecting curriculum and graphing calculators to address Georgia's Performance Standards.</p> <p>School Keys Correlation: C1.3, A1.3, A2.3, A2.4, I2.1, I2.2, I2.3, I2.4, I2.5, I2.7, I3.1, I3.2, PO2.2, PO3.2, PO4.2, PL1.5, PL3.3</p> <p>CLASS Keys Correlation: CP1.1, CP1.3, CP2.3, SBI1.1, SBI1.2, SBI1.3, SBI1.4, SBI1.5, SBI2.2, AL1.1, AL1.3, P1.1, P1.3, P3.2</p>
21900	1	ACTIVBoard Collaborative Classroom System - Level I	<p>This course will enable participants to acquire knowledge and confidence as they explore the basic features of the ACTIVBoard system. Participants will create beginner-level electronic flipcharts using the ACTIVStudio software components of this interactive whiteboard system. They will see how to create interactive lessons that will engage students.</p> <p>School Keys Correlation: C1.3, I2.1, I2.2, I2.3, I2.4,</p>

			<p>I2.5, I2.7, PO2.2, PO3.2, PO4.2, PL1.5, PL3.3</p> <p>CLASS Keys Correlation: CP1.1, CP1.3, SBI1.1, SBI1.2, SBI1.3, SBI1.4, SBI1.5, SBI2.2, P1.2, P3.2</p>
21950	1	SMARTBoard Interactive Whiteboard - Level I	<p>This course will enable participants to acquire knowledge and confidence as they explore the basic features of the SMART Board interactive whiteboard. Participants will create beginner-level electronic pages using the Notebook software components of this interactive whiteboard system.</p> <p>School Keys Correlation: C1.3, I2.1, I2.2, I2.3, I2.4, I2.5, I2.7, PO2.2, PO3.2, PO4.2, PL1.5, PL3.3</p> <p>CLASS Keys Correlation: CP1.1, CP1.3, SBI1.1, SBI1.2, SBI1.3, SBI1.4, SBI1.5, SBI2.2, P1.2, P3.2</p>
21980	2	Interactive Curriculum in Environmental Science and Social Studies	<p>This course will be held at the McDuffie Environment Education Center and Hickory Hill in Thompson GA. Teachers will complete all the EE experiences at both centers, one day at each center. The third day will be designed around implementing the new GPS strands for elementary and middle school classrooms with the intent of a return visit to the centers in the fall. Outside assignments may be included in this course as well as a teacher follow-up day in the fall.</p> <p>School Keys Correlation: C1.3, A1.3, A2.3, A2.4, I2.1, I2.2, I2.3, I2.4, I2.5, I2.7, I3.1, I3.2, PO2.2, PO3.2, PO4.2, PL1.5, PL3.3</p> <p>CLASS Keys Correlation: CP1.1, CP1.3, CP2.3, SBI1.1, SBI1.2, SBI1.3, SBI1.4, SBI1.5, SBI2.2, AL1.1, AL1.3, P1.1, P1.3, P3.2</p>
33021	1	Office 2007 Update	<p>This class is for any user of previous versions of Microsoft Office who are upgrading (or thinking of upgrading) to Office 2007. Changes in Word, Excel, and Powerpoint components of the Microsoft Office suite will be discussed, demonstrated, and practiced. An understanding of, and basic skill with a previous version of Microsoft Office is required.</p>
51069	1	MovieMaker: Creating Exciting Curriculum Based Projects	<p>This course provides hands-on training to classroom teachers on how to use on MS Windows Movie Maker software to produce movies. With this knowledge, teachers can develop engaging and relevant</p>

			<p>performance tasks correlated to the GPS. Teachers will see how video projects can be used to differentiate instruction.</p> <p>School Keys Correlation: C1.3, A1.3, A2.3, A2.4, I2.1, I2.2, I2.3, I2.4, I2.5, I2.7, I3.1, I3.2, PO2.2, PO3.2, PO4.2, PL1.5, PL3.3</p> <p>CLASS Keys Correlation: CP1.1, CP1.3, CP2.3, SBI1.1, SBI1.2, SBI1.3, SBI1.4, SBI1.5, SBI2.2, AL1.1, AL1.3, P1.1, P1.3, P3.2</p>
51120	1	Digital Video: How to Make It Happen	<p>During two days of intense training, attendees will learn how to digitally capture, edit, and render video footage. Participants will learn how to output their video creations onto a variety of media. Types of digital video cameras, lighting, sound, computer connectivity, editing software, and other relevant issues will be discussed and demonstrated.</p> <p>WARNING: This course is VERY intense and requires a minimum of intermediate computer skill.</p> <p>School Keys Correlation: C1.3, A1.3, A2.3, A2.4, I2.1, I2.2, I2.3, I2.4, I2.5, I2.7, I3.1, I3.2, PO2.2, PO3.2, PO4.2, PL1.5, PL3.3</p> <p>CLASS Keys Correlation: CP1.1, CP1.3, CP2.3, SBI1.1, SBI1.2, SBI1.3, SBI1.4, SBI1.5, SBI2.2, AL1.1, AL1.3, P1.1, P1.3, P3.2</p>
53500	1	Networking Basics	<p>This introduction to networking lays the foundation for further specific training in an appropriate Network Operating System such as Windows NT Server or Novell. You will be introduced to 10BaseT, 100BaseT, TCP/IP, local and wide-area networking concepts, among other topics. This course is designed for the on-site building level contact person for technical support and those persons new to computer support.</p> <p>Warning: This is a technical level course.</p>
80017	1	Hardware Troubleshooting	<p>This course covers hardware troubleshooting techniques, hardware recognition, proper tools, and resources. Participants will cover the steps it takes to become a successful Technical Support person on the educational level. This course is geared to new building level technical support specialists, media specialists, or teachers wanting the ability to troubleshoot.</p>
TBD	1	Putting the "ACTIV" back in ACTIVStudio Flipcharts	<p>This course is designed to help teachers <b>already</b> familiar with the use of the ACTIVBoard interactive</p>

			<p>whiteboard enhance their GPS lessons by infusing engaging and relevant interactive components into their flipchart lessons. Teachers will learn tips and techniques for bringing their flipchart lessons to life, creating a learning environment rich in interactivity to capture student interest. Special emphasis will be placed on using flipcharts to differentiate instruction and to develop formative assessment techniques.</p> <p>WARNING: This is NOT a beginner level course. Participants should already be ACTIVBoard users, proficient in the use of the software tools.</p> <p>School Keys Correlation: C1.3, A1.4, A2.2, I2.1, I2.2, I2.3, I2.4, I2.5, I2.7, PO2.2, PO3.2, PO4.2, PL1.5, PL3.3</p> <p>CLASS Keys Correlation: CP1.1, CP1.3, SBI1.1, SBI1.2, SBI1.3, SBI1.4, SBI1.5, SBI2.2, P1.2, P3.2</p>
TBD	1	Technology Infused Formative Assessment Strategies and Techniques	<p>This course is designed to help teachers learn new strategies and techniques for formative assessment that are infused with technology. Teachers will be exposed to multiple forms of technology based formative assessment to provide data that can drive instruction.</p> <p>School Keys Correlation: A1.4, A2.2, I2.1, I2.2, I2.5, I2.6, I2.7, PO2.2, PO3.2, PO4.2, PL1.5, PL2.3</p> <p>CLASS Keys Correlation: CP1.2, CP2.3, SBI1.1, SBI1.2, SBI1.3, SBI1.4, SBI1.5, AL1.1, AL1.2, AL2.1, P1.2, P3.2</p>

Teachers can register for classes at

[www.ettcnsc.org](http://www.ettcnsc.org)

