



# AGENDA-AT-A-GLANCE

## Two-Day Content Training for AP\* Teachers

February 6-7, 2009  
Louisville, KY

### Friday

<b>3:30 – 5:00</b>	<b>Conference Registration – Outside The Brown Restaurant, First Floor</b>	
4:00 -5:00	<b>Reception</b>	<b>The Brown Restaurant</b>
5:15 -8:45	Science (Bio, Chem, Phys)	JCTC: Rm 1110 (Computer Lab)
5:15 -8:30	English Language	The Brown: Secretariat B
5:15 -8:30	English Literature	The Brown: Secretariat A
5:15 -6:45	Math (Calc and Stat)	The Brown: Citation A
7:00 -8:30	Calculus	The Brown: Citation A
7:00 -8:30	Statistics	The Brown: Citation B

### Saturday (All Sessions will be at Jefferson Community & Technical College)

<b>Breakfast</b>			**Food is permitted in each classroom, except for the computer lab. People in the computer lab may eat in Room 806.
7:45 -8:30	Science	8th Floor**	
7:45 -8:30	Math	7th Floor	
7:45 -8:30	English	6th Floor	
8:30 -11:45	Biology and Chemistry	1110 (Computer Lab)	
8:30 -11:45	Physics	806	
8:30 -11:45	English Lang I and II	604 and 608	
8:30 -11:45	English Lit I and II	607A and 704	
8:30 -11:45	Calculus	705	
8:30 -11:45	Statistics	709	
<b>Lunch</b>			**Food is permitted in each classroom, except for the computer lab. People in the computer lab may eat in Room 806.
11:45 -12:30	Science	8th Floor**	
11:45 -12:30	Math	7th Floor	
11:45 -12:30	English	6th Floor	
12:30 -3:45	Biology and Chemistry	1110 (Computer Lab)	
12:30 -3:45	Physics	806	
12:30 -3:45	English Lang and Lit	604, 607A, and 608	
12:30 -3:45	Calculus	705	
12:30 -3:45	Statistics	709	
<b>Certificates of Teacher Participation</b>			
<p>These can be picked up from AdvanceKY Content Directors upon conclusion of the last session on Saturday. Evaluations will be exchanged for certificates only at the end of the Conference. Participants must be present to pick up their own Certificates.</p>			
<p>*Advanced Placement Program, AP and Pre-AP are registered trademarks of the College Entrance Examination Board, which was not involved in the production of this program.</p>			

Date	Session/Time	Subject (Location)	Topic	Presenter
<b>MATH Friday, February 6</b>	<b>Welcome Reception, 4:00 – 5:00 pm (The Brown Restaurant)</b>			
	Session 1 5:15 – 6:45 pm	Calculus and Statistics (Brown: Citation A)	<b>Sharing Strategies in Teaching, Prep Sessions and Vertical Teams</b>	Monique Morton, Lin McMullin
	Session 2 7:00 – 8:30 pm	Calculus (Brown: Citation A)	<b>Class Review Strategies for the AP Exam</b>	Dianne Beckman
		Statistics (Brown: Citation B)	<b>Using Fathom for AP Statistics</b>	Monique Morton
<b>MATH Saturday, February 7</b>	<b>Breakfast, 7:45 – 8:30 am (JCTC 705 – Breakfast Served in 7<sup>th</sup> Floor Hall)</b>			
	Session 3 8:30 -10:00 am	Calculus (Rm 705)	<b>Introduction to WinPlot</b>	Lin McMullin
		Statistics (Rm 709)	<b>The Big Ideas of Regression</b>	Dave Ferris
	Break 10:00 – 10:15 am			
	Session 4 10:15 – 11:45 am	Calculus (Rm 705)	<b>AP Calculus Problems in Tabular Form</b>	Sallye Thompson
		Statistics (Rm 709)	<b>Experimental Design: Why Block?</b>	Dave Ferris
	<b>Lunch, 11:45 – 12:30 pm (JCTC 705 – Lunch Served in 7<sup>th</sup> Floor Hall)</b>			
	Session 5 12:30 – 2:00 pm	Calculus (Rm 705)	<b>Differential Equations and Slope Fields</b>	Monique Morton
		Statistics (Rm709)	<b>The Pièce de Resistance: Inference</b>	Dave Ferris
	Break 2:00 – 2:15 pm			
	Session 6 2:15 – 3:45 pm	Calculus (Rm 705)	<b>Rectilinear Motion - It's Not as Painful as it Sounds</b>	Melody Stacy
Statistics (Rm 709)		<b>Probability, Resources and AP Exam Preparation</b>	Dave Ferris	

<b>SCIENCE Friday, 6 February</b>				
<b>Time</b>	<b>Session</b>	<b>Biology</b>	<b>Chemistry</b>	<b>Physics</b>
<b>4:00 – 5:00</b>	<b>Welcome Reception Brown Hotel Restaurant</b>			
<b>5:00-5:15 Move to Jefferson Community and Technical College Rm 1110 - Computer Lab</b>				
<b>5:15 – 6:30</b>	Session I	<b>Introduction to Molecular Simulation and Visualization with Applications to AP Biology, AP Chemistry, and AP Physics</b> Lew Acampora		
BREAK				
<b>6:45 – 8:00</b>	Session II	<b>Elementary Odyssey™ --The Basics</b> Lew Acampora		
BREAK				
<b>8:15 – 8:45</b>	Session III	<b>Registering and Negotiating the UTexas Homework Site</b> Rene' McCormick		
<b>SCIENCE Saturday, 7 February</b>				
<b>Time</b>	<b>Session</b>	<b>Biology</b> (Rm 1110 Computer Lab)	<b>Chemistry</b> (Rm 1110 Computer Lab)	<b>Physics</b> (Room 806)
<b>7:45-8:30</b>	<b>BREAKFAST - 8th Floor Room 806 (Note: no food allowed in computer lab)</b>			
<b>8:30 – 10:00</b>	Session IV	<b>Properties and Implications of Water in Biological Systems</b> <b>Polarity, Acid/Base, Transport, Solvent</b> Susan Ramsey	<b>Modeling Gases and Gas Laws</b> Lew Acampora	<b>Modern Physics – Atomic and Nuclear Physics</b> Rene' McCormick
BREAK				
<b>10:15 – 11:45</b>	Session V	<b>The Structure and Function of Proteins, Catalysis</b> Susan Ramsey	<b>Atomic Structure and Periodicity</b> Rene' McCormick	<b>Thermal Physics – Entropy, PV Diagrams, Heat Engines, &amp; Carnot Cycles</b> Lew Acampora
<b>11:45 – 12:30</b>	<b>LUNCH – 8th Floor – Room 806 (Note: no food allowed in computer lab)</b>			
<b>12:30 – 2:00</b>	Session VI	<b>Structure and Function of Nucleic Acids</b> Robert Summers	<b>Chemical Bonds and Molecular Geometry</b> Lew Acampora	<b>Ray Optics – Mirrors, Lenses, and the Mirror/Lens Eq'n</b> Fred Cox
BREAK				
<b>2:15 – 3:45</b>	Session VII	<b>Mitosis, Meiosis, and Cellular Replication</b> Robert Summers	<b>Intermolecular Forces and Properties of Substances</b> Lew Acampora	<b>Electromagnetic Induction and Lenz's Law</b> Fred Cox

<b>English</b> <b>Friday, Feb 6</b>	<b>4:00-5:00 Welcome Reception, The Brown Restaurant</b>			
	<b>Language</b> (Secretariat B - Brown Hotel)		<b>Literature</b> (Secretariat A - Brown Hotel)	
<b>5:15-6:45</b>	<b>Introductions, questions and discussions about Cohort I, Directed teachers' discussion</b> Jennifer LaRue [Pat Sherbert available from 5:15-6:00]		<b>Introductions, questions and discussions about Cohort I, Directed teachers' discussion</b> Tina Rose [Pat Sherbert available from 6:00-6:45]	
<b>6:50-8:30</b>	<b>The Structure of Argument: A Closer Look at Warrants</b> Pat Sherbert		<b>Deconstructing the Exam</b> Tina Rose	
<b>ENGLISH</b> <b>Saturday Feb</b> <b>7 Morning</b>	<b>Group I: Language</b>	<b>Group II: Language</b>	<b>Group I: Literature</b>	<b>Group II: Literature</b>
<b>7:45-8:30</b>	<b>Breakfast – Room 608 at Jefferson Community &amp; Technical College</b>			
<b>8:30-10:00</b>	<b>Elements of Argument Part II</b> Pat Sherbert (Rm 604)	<b>Rhetorical Analysis</b> John Williamson (Rm 608)	<b>Introduction to Conceptual Metaphor, Lakoff</b> Tina Rose (Rm 607A)	<b>A Review of Poetry Analysis</b> Cory Leathers (Rm 704)
<b>10:10-11:45</b>	<b>Rhetorical Analysis.</b> John Williamson (Rm 608)	<b>Elements of Argument Part II</b> Pat Sherbert (Rm 604)	<b>A Review of Poetry Analysis</b> Cory Leathers (Rm 704)	<b>Introduction to Conceptual Metaphor, Lakoff Theory</b> Tina Rose (Rm 607A)
<b>11:45-12:30</b>	<b>Lunch – Room 608</b>			
<b>ENTGLISH</b> <b>Saturday,</b> <b>Afternoon</b>	<b>Group I: Language</b>	<b>Group II: Language</b>	<b>Group III: Literature</b>	
<b>12:30-1:30</b>	<b>Comparing Texts</b> Cory Leathers (Rm 604)	<b>Conceptual Metaphor Theory, Tropes</b> Tina Rose (Rm 607A)	<b>Grammar/syntax</b> John Williamson (Rm 608)	
<b>1:40-2:40</b>	<b>Conceptual Metaphor/Tropes</b> Tina Rose (Rm 607A)	<b>Grammar/Syntax</b> John Williamson (Rm 608)	<b>Comparing Texts</b> Cory Leathers (Rm 604)	
<b>2:45-3:45</b>	<b>Grammar and Syntax</b> John Williamson (Rm 608)	<b>Comparing Texts</b> Cory Leathers (Rm 604)	<b>Conceptual Metaphor/Poetry</b> Tina Rose (Rm 607A)	