

## Tentative 2005 Course Outline/Schedule

	Week 1	Week 2	Week 3
<b>Monday</b> 7/11 7/18 7/25	<b>Session 1:</b> <b>AM</b> <ul style="list-style-type: none"> <li>▪ Welcome &amp; Logistics</li> <li>▪ Overview</li> <li>▪ Introduction to <a href="#">MicroWorlds™</a> for multimedia creation</li> </ul> <b>PM</b> <ul style="list-style-type: none"> <li>▪ Skill Development with MicroWorlds™</li> </ul>	<b>Session 6:</b> <b>AM</b> <ul style="list-style-type: none"> <li>• Show and share MicroWorlds Products</li> <li>• Introduction to <a href="#">ICONS</a></li> <li>• Project Development</li> </ul> <b>PM</b> <ul style="list-style-type: none"> <li>• Skill Development with ICONS</li> <li>• MicroWorlds Products</li> </ul>	<b>Session 11:</b> <b>AM</b> <ul style="list-style-type: none"> <li>• Campus Visit</li> <li>• Introduction to LEGO® Robotics</li> </ul> <b>PM</b> <ul style="list-style-type: none"> <li>• LEGO® Robotics Team Project Development</li> <li>• Robo Challenge 1 &amp; 2</li> </ul>
<b>Tuesday</b> 7/12 7/19 7/26	<b>Session 2:</b> <b>AM</b> <ul style="list-style-type: none"> <li>▪ Logo Skills Continued</li> </ul> <b>PM</b> <ul style="list-style-type: none"> <li>▪ Group Animated Story</li> <li>▪ Group Challenges</li> </ul>	<b>Session 7:</b> <b>AM</b> <b>PM</b> <ul style="list-style-type: none"> <li>• <a href="#">NIST</a></li> </ul>	<b>Session 12:</b> <b>AM</b> <ul style="list-style-type: none"> <li>• <a href="#">National Center for Missing and Exploited Children</a></li> </ul> <b>PM</b> <ul style="list-style-type: none"> <li>• 21<sup>st</sup> Century Skills</li> <li>• Stimulus Materials for e-portfolio</li> <li>• Project Development</li> </ul>
<b>Wednesday</b> 7/13 7/20 7/27	<b>Session 3:</b> <b>AM</b> <ul style="list-style-type: none"> <li>▪ Group Animated Story</li> <li>▪ Group Challenges</li> </ul> <b>PM</b> <ul style="list-style-type: none"> <li>▪ Thinking about our MicroWorlds final projects</li> <li>▪ Stimulus Materials for e-portfolio</li> <li>▪ Simulation/Game Development in MicroWorlds</li> </ul>	<b>Session 8:</b> <b>AM</b> <ul style="list-style-type: none"> <li>• 21<sup>st</sup> Century Skills</li> <li>• Stimulus Materials for e-portfolio               <ul style="list-style-type: none"> <li>○ Adding video</li> <li>○ Adding field trip pictures and reflections</li> </ul> </li> <li>• <a href="#">TappedIn</a></li> <li>• Project Development</li> </ul> <b>PM</b> <ul style="list-style-type: none"> <li>• ICONS Project Development</li> </ul>	<b>Session 13:</b> <b>AM</b> <ul style="list-style-type: none"> <li>• 21<sup>st</sup> Century Skills</li> <li>• Stimulus Materials for e-portfolio</li> <li>• Project Development/Trial Presentations</li> <li>• <b>Guest Speaker COE</b></li> </ul> <b>PM</b> <ul style="list-style-type: none"> <li>• LEGO® Robotics Team Project Development</li> <li>• Robo Challenge 3 trials</li> <li>• Team Project Trial Presentations</li> </ul>
<b>Thursday</b> 7/14 7/21 7/28	<b>Session 4:</b> <b>AM</b> <ul style="list-style-type: none"> <li>• <a href="#">National Cryptologic Museum Field Trip</a></li> </ul> <b>PM</b> <ul style="list-style-type: none"> <li>▪ Open Lab Work Time</li> </ul>	<b>Session 9:</b> <b>AM</b> <ul style="list-style-type: none"> <li>• StarLogo &amp; Squeak</li> </ul> <b>PM</b> <ul style="list-style-type: none"> <li>• ICONS Project Development</li> </ul>	<b>Session 14:</b> <b>AM</b> <ul style="list-style-type: none"> <li>▪ Lab Time</li> </ul> <b>PM</b> <ul style="list-style-type: none"> <li>▪ Lab Time</li> <li>▪ Poster Session Preparation</li> <li>▪ Post Assessment</li> </ul>
<b>Friday</b> 7/15 7/22 7/29	<b>Session 5:</b> <b>AM</b> <ul style="list-style-type: none"> <li>• Skill Development with MicroWorlds™</li> <li>• Possible Campus Lab Visits               <ul style="list-style-type: none"> <li>○ <a href="#">CNL Lab</a></li> <li>○ <a href="#">Anthrotronix</a></li> <li>○ <a href="#">TAP</a></li> </ul> </li> </ul> <b>PM</b> <ul style="list-style-type: none"> <li>• Squeak and StarLOGO</li> </ul>	<b>Session 10:</b> <ul style="list-style-type: none"> <li>• 21<sup>st</sup> Century Skills</li> <li>• Stimulus Materials for e-portfolio</li> <li>• Project Development</li> <li>• Guest Speakers- <a href="#">Amy Ginther</a> &amp; <a href="#">Andrea Goodwin</a></li> <li>• <a href="#">AT Lab</a></li> <li>• ICONS Project Development</li> </ul>	<b>Session 15:</b> <b>AM</b> <ul style="list-style-type: none"> <li>▪ Lab Time</li> <li>▪ Preparation</li> <li>▪ Set Up</li> </ul> <b>Lunch for participants &amp; guests</b> <b>PM</b> <ul style="list-style-type: none"> <li>▪ <b>Presentation of Projects</b></li> <li>▪ <b>Conclusion</b></li> </ul>

## Week 1

<b>Session 1 – Monday</b>	<b>Welcome and Logistics</b> <b>An Introduction MicroWorlds™</b> <b>Skills Development with MicroWorlds™</b>
<b>Morning</b>	<ul style="list-style-type: none"><li>• Introduction to the course</li><li>• Reviewing the class format/procedures</li><li>• Review of scope and sequence of course outline (PowerPoint Presentation)</li><li>• Review resources and tools that will be used for the course</li><li>• Using WebCT</li><li>• Pre-assessment survey (on-line WebCT)</li><li>• Introduction to Logo language and MicroWorlds™ for multimedia development</li><li>• Introductory Activity- <i>An Animated Story</i></li></ul>
<b>Lunch</b>	<b>Lab also open</b>
<b>Afternoon</b>	<ul style="list-style-type: none"><li>• Introductory Activity peer and instructor review &amp; critique</li><li>• Process &amp; Development (Brainstorming/Group work)</li><li>• Project Vignette (Group Activity)</li><li>• Project Development Time</li><li>• Debriefing and wrap up</li><li>• <a href="#">Reflective Journal Entry</a></li><li>• <a href="#">Homework Readings:</a></li><li>• <a href="#">Asynchronous Postings:</a><ul style="list-style-type: none"><li>– <a href="#">Introductions/discussion threads</a></li></ul></li></ul>