

Tentative 2008 Course Outline/Schedule

	Week 1	Week 2	Week 3
Monday 6/30 7/7 7/14	Session 1: AM <ul style="list-style-type: none"> ▪ Welcome & Logistics ▪ Overview ▪ Introduction to MicroWorlds™ for multimedia creation ▪ LOGO language: Differences between functional & imperative programming languages ▪ Lisp dialect PM <ul style="list-style-type: none"> ▪ Skill Development with MicroWorlds™ 	Session 6: AM <ul style="list-style-type: none"> ▪ Show and share MicroWorlds Products ▪ Simulations/Gaming in Excel & PPT ▪ Project Development PM <ul style="list-style-type: none"> ▪ Project Development ▪ StarLOGO Challenges 	Session 11: AM <ul style="list-style-type: none"> ▪ Cryptography activities PM <ul style="list-style-type: none"> ▪ LEGO® Robotics challenge 1
Tuesday 7/1 7/8 7/15	Session 2: AM <ul style="list-style-type: none"> ▪ Logo Skills Continued ▪ Indiv/Group Animated Story PM <ul style="list-style-type: none"> ▪ 2 Task Challenges 	Session 7: AM PM <ul style="list-style-type: none"> ▪ NIST Field Trip Box lunches will be provided	Session 12: <ul style="list-style-type: none"> ▪ Project development ▪ National Cryptologic Museum Field Trip 10—12:15 Box lunches will be provided
Wednesday 7/2 7/9 7/16	Session 3: AM <ul style="list-style-type: none"> ▪ MW Task Challenges PM <ul style="list-style-type: none"> ▪ Simulation/Game Development in MicroWorld 	Session 8: AM <ul style="list-style-type: none"> ▪ Simulations/Gaming in Excel and PPT PM <ul style="list-style-type: none"> ▪ Introduction to Cryptography 	Session 13: AM <ul style="list-style-type: none"> ▪ Robo Challenge1 & 2 ▪ <i>Computer 101 site visit</i> Lazarus Foundation PM <ul style="list-style-type: none"> ▪ Team Project Trial Presentations
Thursday 7/3 7/10 7/17	Session 4: AM <ul style="list-style-type: none"> ▪ Logo Skills Continued PM <ul style="list-style-type: none"> ▪ Introduction StarLOGO ▪ StarLOGO Challenges 	Session 9: AM <ul style="list-style-type: none"> ▪ Cryptography Challenges PM <ul style="list-style-type: none"> ▪ <i>Guest Speaker Vonda Williams Woods Consulting</i> 	Session 14: AM <i>Guest Speaker- Sgt. J. Casey, Maryland State Police Computer Crimes Section/Computer Forensics Lab</i> PM Open source software Robo Challenge 3 trials
Friday 7/4 7/11 7/18	Session 5: HOLIDAY NO CLASS	Session 10: AM <ul style="list-style-type: none"> ▪ Introduction to LEGO® Robotics PM <ul style="list-style-type: none"> ▪ Project Development 	Session 15: AM Robo Challenge Lunch for participants & guests PM <ul style="list-style-type: none"> ▪ Closing Activities