



BEST Center Building Automation Systems Workshop V AGENDA

Day 1 – Wednesday, June 8, 2016

- 7:30 – 7:45 Shuttle to GPTC Conference Center
- 7:45 – 8:00 Light Breakfast Reception
- 8:00 – 8:10 **Welcome to Georgia Piedmont Technical College** – Jabari Simama, President
- 8:10 – 8:15 Orientation / Introduction of President Simama – Brian Lovell, BEST Center
- 8:15 – 8:30 Workshop Logistics – Larry Chang, BEST Center
- 8:30 – 8:40 Move from Conference Center to B-2
- 8:40 – 9:00 **Overview of BEST Center Mission** – Peter Crabtree, BEST Center
- 9:00 – 9:40 Attendee Introductions
- 9:40 – 9:45 **Laboratory Safety Discussion** – Robert Croom, GPTC
- 9:45 – 9:50 Preview of Workshop – Brian Lovell
- 9:50 – 10:00 Full Break
- 10:00 – 10:15 **Overview of GPTC BAS Laboratory** – Robert Croom
- 10:15 – 10:55 **BAS Laboratory Systems and Connection to Curriculum** – Brian Lovell
- 10:55 – 11:00 Stretch Break
- 11:00 – 11:45 Division into Groups of Four / Lab Devices Identification – Brian Lovell
- 11:45 – 1:00 **Lunch and Facilitated Discussion 1 (BAS Lab Development)** – Jeryll McWhorter, GPTC
- 1:00 – 1:55 **Variable Air Volume System and Terminal Unit Operation** – Brian Lovell
- 1:55 – 2:00 Stretch Break
- 2:00 – 2:55 **Terminal Unit Room Sensor Array Presentation** – Brian Lovell
- 2:55 – 3:00 Stretch Break
- 3:00 – 3:55 **Breakout into Affinity Groups for Discussion**
- 3:55 – 4:00 Stretch Break
- 4:00 – 5:30 **Subnetwork (RS 485) Wiring Exercise 1** – Brian Lovell
- 5:30 – 6:00 Review of Day 1 and Discussion
- 6:00 – 7:30 **Dinner at GPTC and Facilitated Discussion 2 (Student Clubs)** – Earl McFarland, GPTC BAS graduate
- 7:30 – 8:00 Shuttle to Hotel

Day 2 – Thursday, June 9, 2016

- 7:30 – 7:45 Shuttle to GPTC Conference Center
- 7:45 – 8:00 Light Breakfast Reception
- 8:00 – 8:20 **Working with Juvenile Court “Rebound” Graduates** – Judge Linda Haynes
- 8:20 – 8:50 **Managing High-Performance Buildings** – Kenneth Skinner, GPTC graduate
- 8:50 – 8:55 Review of Day 1 / Preview of Day 2 – Brian Lovell
- 8:55 – 9:00 Stretch Break
- 9:00 – 9:55 **BAS Input / Output Wiring** – Robert Croom
- 9:55 – 10:00 Stretch Break
- 10:00 – 10:55 **BAS Input / Output Wiring** (continued) – Robert Croom
- 10:55 – 11:00 Stretch Break
- 11:00 – 11:45 **Functional Performance Testing on BAS I/O**
- 11:45 – 1:00 **Lunch and Facilitated Discussion 3 (Faculty Training)** – Ted Wilinski, BEST Center
- 1:00 – 1:55 **BACnet MS/TP Presentation and Table Wiring Exercise** – Brian Lovell
- 1:55 – 2:00 Stretch Break
- 2:00 – 2:55 Breakout into Affinity Groups for Discussion
- 2:55 – 3:00 Stretch Break
- 3:00 – 3:55 **BACnet MS/TP Installation Exercise in Laboratory** – Brian Lovell
- 3:55 – 4:00 Stretch Break
- 4:00 – 4:30 **BACnet Object Review Presentation** – Brian Lovell
- 4:30 – 5:30 **BACnet Object Discovery Exercise** – Brian Lovell
- 5:30 – 7:00 **Dinner at GPTC with Presentation**
- 7:00 – 7:15 Shuttle to Hotel

Day 3 – Friday, June 10, 2016

- 7:30 – 7:45 Shuttle to GPTC Conference Center
- 7:45 – 8:00 Light Breakfast Reception
- 8:00 – 8:15 Report-Out Requirements / Survey Information Needs – Larry Chang
- 8:15 – 8:30 Review of Day 1 and 2 / Preview of Day 3 – Brian Lovell
- 8:30 – 9:00 Open Discussion
- 9:00 – 9:55 **BACnet Object Creation Exercises** – Brian Lovell
- 9:55 – 10:00 Stretch Break
- 10:00 – 10:55 **Using Microsoft Visio** – Brian Lovell



- 10:55 – 11:00 Stretch Break
- 11:00 – 11:45 **Creation of MS Visio Stencils** – Brian Lovell
- 11:45 – 12:30 **Lunch and Presentation by Siemens** – Atlanta Siemens Branch and Steve Hoiberg
- 12:30 – 1:15 **Facilitated Discussion 4 (Train-the-Trainer Sites)** – Brian Lovell
- 1:15 – 2:30 **Creation of MS Visio As-Built Drawings Exercise**
- 2:30 – 2:35 Stretch Break
- 2:35 – 3:30 Breakout into Affinity Groups for Discussion
- 3:30 – 4:55 **Using ALICE to introduce Object-oriented Programming** – Brian Lovell
- 4:55 – 5:00 Stretch Break
- 5:00 – 6:00 Review of Workshop / Announcements / Q&A – BEST Center Team
- 6:00 – 6:30 Shuttle to Hotel then Callanwolde Fine Arts Center
- 6:30 – 9:00 Dinner and Entertainment
- 9:00 – 9:30 Shuttle to Hotel

Day 4 – Saturday, June 11, 2016

- 7:30 – 7:45 Shuttle to GPTC
- 7:45 – 8:00 Light Breakfast Reception
- 8:00 – 8:15 Review of Workshop / Wrap-up
- 8:15 – 8:30 Logistics – Larry Chang
- 8:30 – 8:45 Resources Flash-Drive – Brian Lovell
- 8:45 – 9:15 Workshop Surveys
- 9:15 – 12:00 **Report-Outs by Attendees** (All required to participate)
- 12:00 Box Lunches & Departures