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| **MEET & GREET** | | | | | | | |
|  | | | | | | | |
|
| **Description** | **Where?** | **Length** | **Type** | **FROM** | **TO** |  |  |
| **Day one: Q & A** | **Class** | **:15** |  | **8:00** | **8:15** |  |  |
| **Scientific Troubleshooting** | **Class** | **:30** | **Webinar** | **8:15** | **8:45** |  |  |
| **ST Q & A** | **Class** | **:15** | **Discussion** | **8:45** | **9:00** |  |  |

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| **Description** | **Where?** | **Length** | **Type** | **FROM** | **TO** |  |
| **Hot Runner: Set point** |  | **:05** | **Press** | **9:00** | **9:05** |  |
| **Hot Runner: Diagram** |  | **:05** |  | **9:05** | **9:10** |  |
| **Hot Runner: Manifold vs. Drops** |  | **:15** |  | **9:10** | **9:25** |  |
| **Hot Runner: Part weight** |  | **:05** |  | **9:25** | **9:30** |  |
| **Hot Runner: Purging** |  | **:05** |  | **9:30** | **9:35** |  |
| **Hot Runner: PID vs Manual** |  | **:05** |  | **9:35** | **9:40** |  |
| **Hot Runner: Dark to Light** |  | **:05** |  | **9:40** | **9:45** |  |
| **Hot Runner: Metal in drop** |  | **:05** |  | **9:45** | **9:50** |  |
| **Valve gate: Identifying gate** |  | **:15** |  | **9:50** | **10:05** |  |
| **Valve gate: Delay Timers** |  | **:05** |  | **10:05** | **10:10** |  |
| **Valve gate: Sequencing** |  | **:05** |  | **10:10** | **10:15** |  |
| **BREAK** |  | **:15** |  | **10:15** | **10:30** |  |
| **Therm: Setpoint/ Actual** |  | **:05** |  | **10:30** | **10:35** |  |
| **Therm: Turbulent Flow** |  | **:05** |  | **10:35** | **10:40** |  |
| **Therm: Pressure drop** |  | **:05** |  | **10:40** | **10:45** |  |
| **Water: Direction of flow** |  | **:05** |  | **10:45** | **10:50** |  |
| **Mold temp by material** |  | **:10** |  | **10:50** | **11:00** |  |
| **Measuring mold temp** |  | **:05** |  | **11:00** | **11:05** |  |
| **mold cleaning procedure** |  | **:10** |  | **11:05** | **11:15** |  |
| **mold lubrication/ inspection** |  | **:05** |  | **11:15** | **11:20** |  |
| **EOAT inspection** |  | **:05** |  | **11:20** | **11:25** |  |
| **EOAT Handling** |  | **:05** |  | **11:25** | **11:30** |  |
| **Verifying Process** |  | **:15** |  | **11:30** | **11:45** |  |
| **Pre-start: Final steps** |  | **:15** |  | **11:45** | **12:00** |  |
| **LUNCH** |  | **1:00** |  | **12:00** | **1:00** |  |
| **Defect Troubleshooting** | **Class** | **:45** |  | **1:00** | **1:45** |  |
| **Defect Q & A** | **Class** | **:15** |  | **1:45** | **2:00** |  |
| **BREAK** |  | **:10** |  | **2:00** | **2:15** |  |
| **Decoupled Set Up** | **Press** | **1:30** | **Practice** | **2:15** | **3:30** |  |
| **Fill Time Study** | **Press** | **:30** | **ALL** | **3:30** | **4:00** |  |
| **MSDS Use** | **Class** | **:15** | **Instructor** | **4:00** | **4:15** |  |
| **Training Survey** | **Class** | **:15** | **Students** | **4:00** | **4:30** |  |
| **ALT: 5 M's of Molding** |  | **:15** |  |  |  |  |
| **ALT: Using Historical Data** |  | **:15** |  |  |  |  |
| **ALT: Dryer Troubleshooting** |  | **:10** |  |  |  |  |
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| **Defect Discussion** | | | | | |
| **Description** | **Where?** | **Length** | **Type** | **FROM** | **TO** | |  |
| **Sink: Over packing** | **Class** | **Varies** | **Visual Aid (PC)** | **1:00** | **1:45** | |  |
| **Sink: Under packing** | **Class** | **Varies** | **Visual Aid (PC)** | **1:00** | **1:45** | |  |
| **Sink: Heat** | **Class** | **Varies** | **Visual Aid (PC)** | **1:00** | **1:45** | |  |
| **Splay: Heat** | **Class** | **Varies** | **Visual Aid (PC)** | **1:00** | **1:45** | |  |
| **Splay: Moisture** | **Class** | **Varies** | **Visual Aid (PC)** | **1:00** | **1:45** | |  |
| **Splay: Injection speed** | **Class** | **Varies** | **Visual Aid (PC)** | **1:00** | **1:45** | |  |
| **Splay: Overdrying** | **Class** | **Varies** | **Visual Aid (PC)** | **1:00** | **1:45** | |  |
| **Material Degradation** | **Class** | **Varies** | **Visual Aid (PC)** | **1:00** | **1:45** | |  |
| **Rib-to-wall Ratio** | **Class** | **Varies** | **Visual Aid (PC)** | **1:00** | **1:45** | |  |
| **Stress: Overpacked features** | **Class** | **Varies** | **Visual Aid (PC)** | **1:00** | **1:45** | |  |
| **Flash: Overpack condition** | **Class** | **Varies** | **Visual Aid (PC)** | **1:00** | **1:45** | |  |
| **Flash: Tool damage** | **Class** | **Varies** | **Visual Aid (PC)** | **1:00** | **1:45** | |  |
| **Flash: High Heat** | **Class** | **Varies** | **Visual Aid (PC)** | **1:00** | **1:45** | |  |
| **Flash: Injection pressure** | **Class** | **Varies** | **Visual Aid (PC)** | **1:00** | **1:45** | |  |
| **Warp: pull condition** | **Class** | **Varies** | **Visual Aid (PC)** | **1:00** | **1:45** | |  |
| **Warp: Heat condition** | **Class** | **Varies** | **Visual Aid (PC)** | **1:00** | **1:45** | |  |
| **Stress/ cracking: poor draft** | **Class** | **Varies** | **Visual Aid (PC)** | **1:00** | **1:45** | |  |
| **Lamination** | **Class** | **Varies** | **Visual Aid (PC)** | **1:00** | **1:45** | |  |
| **contamination** | **Class** | **Varies** | **Visual Aid (PC)** | **1:00** | **1:45** | |  |
| **nozzle tip defects** | **Class** | **Varies** | **Visual Aid (PC)** | **1:00** | **1:45** | |  |
| **5 M's (Basic)** | **Class** | **Varies** | **Visual Aid (PC)** | **1:00** | **1:45** | |  |