

2012 FIRST Robotics Competition - Kickoff Workshops

Friday - January 6, 2012

| | <u>Track 1</u> | <u>Track 2</u> | <u>Track 3</u> |
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| | <i>FIRST, 2nd Floor</i> | <i>FIRST, 3rd Floor</i> | <i>FIRST, 2nd Floor</i> |
| 9:00AM - 9:45AM | Cyber Blue Design Process: Seven Stages for Continuous Development - <i>Fultz, FRC234</i> | Programming Your Robot - <i>National Instruments, WPI, Texas Instruments</i> 9-10A: LabVIEW for FRC 10-11A: LabVIEW 2011 vs. LabVIEW 8.6 / NI cRIO-FRC 11-1P: C++ & JAVA New Features for 2012 | Kinect for <i>FIRST</i> Robotics - <i>Microsoft</i> |
| 10:00AM - 10:45AM | FRC Drive Systems - <i>Stafford, FRC190</i> | | Robot Games: How your FRC skills can help you become an awesome video game maker - <i>Microsoft</i> |
| 11:00AM - 11:45AM | Using Belts & Belts Drives - <i>Gates Corp.</i> | | Fast Track Your Robot Design - <i>Autodesk</i> |
| 12:00PM - 1:00PM | Engineer and Student Dynamics - <i>Cremer & Henry, FIRST Senior Mentors</i> | | Strategies for Effective Conceptual Modeling, Assembly Planning and FMEA with CAD - <i>PTC</i> |

Attendees may participate in any and as many sessions as they wish and switch between tracks throughout the workshop day. Note that while Track 1 & 3 will follow a strict time schedule, Track 2 may not and attendees should plan accordingly.