

**Kris Alan Roberson**  
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**Employment:**

- July 05- Jan 09 **BEST, Inc** – Rolling Meadows, IL – *Senior Technical Instructor* –  
IPC Master Instructor 7711/7721  
IPC Master Instructor J-STD-001  
IPC Master Instructor IPC-A-610  
Develop a variety of courses including SMT Boot camp, Soldering 101, Mixed Technology Soldering and IPC training courses. Consult with customer companies to improve and implement electronics manufacturing processes. Develop and write various articles for electronics industry publications. Participate in IPC Standards document development and conferences. Produce video and audio recording and editing of training videos including voiceover.
- Apr. 04- July 05 **TRMI** – Battle Creek, MI – *Production Engineer* – Analyze blueprints, engineering specifications and/or prototype parts to determine tooling, fixtures and equipment required for manufacture of new products and planning the sequence of operations to fabricate and assemble new products. Develop process documents for production and assembly of new products. Coordinate machine usage with required operation time to fill production targets. Perform trials of new tooling, machinery and equipment. Developed and delivered courses on IPC 610, ESD and IPC 7711/7721. Program machine operating parameters for successive trials.
- Mar. 03-Apr. 04 **Bose, Corp.-** Columbia, SC- *Technical Educator*- Certified IPC 7711/7721 Instructor. Develop online training courses covering Machine operation, safety issues, Personal skills development & Work skill development, as well as other subjects. Deliver training courses for IPC 7711 and 7721, machine operation, molding quality standards, molding quality inspection and other courses.
- Jun. 97- Mar. 03 **Bose, Corp. -** Columbia, SC- *Lead Engineering Technician*- Troubleshoot, repair & maintain all production line equipment including: Fuji, Universal, conveyors and diverters, Vitronics Reflow ovens, Electrovert and Sensby Solder Wave machines, DEK screen printers, Electrovert Board Wash machines, Conveyor Tech conveyors and various other small equipment including PLC programming. Frequent use of Windows based applications, MP2 and some Unix. Lead technician for a group of 14 technicians. Responsible for Process improvements as well.

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**Employment:(Continued)**

- Jan. 97- Apr. 97 **Microelectronics Modules, Corp.** - New Berlin, WI-*Engineering Technician*- Troubleshoot, repair & maintain all production line equipment including; Fuji CP-2, Panasonic MV-II, Proprietary Coating application machines, in house designed Solder wave machines and various other small equipment including PLC programming. Only third shift technician.
- Apr 96- Dec. 96 **U.S. Robotics, Corp.**- Morton Grove, IL- *Senior Manufacturing Technician*- Lead Technician in 50 member Technician Group. Troubleshoot, repair & maintain all production line equipment including; Universal GSM, Panasonic MV-II, MV-II-F, MPA-III, NMA conveyors, Vitronics Reflow ovens, Sensby Sigma Solder Wave machines, DEK screen printers and various other small equipment including PLC programming. Team Member for the introduction of Robodyne Robotic pick-and-place machines. Responsible for Process improvements as well.
- Apr 94 - Apr 96 **Motorola, Inc.** - Libertyville, IL - *Machine Technician*- Troubleshoot, repair & maintain all production line equipment including; Fuji CP-6, CP-IV-3, CP-IV, IP-III, Universal GSM, PCT and Bosch conveyors and diverters, BTU Reflow ovens, MPM screen printers, Data IO Automated Chip Programmer and various other small equipment. Responsible for Process improvements as well.

**Education**

- Jun 90- Mar 92 **Spartan School of Aeronautics**- Tulsa, OK- *Aviation Maintenance Technician, A.A.S*- Earned Degree and Licenses for Airframe and Powerplant Mechanic. Classes included mechanical, electrical, pneumatic, electronic, hydraulic, fabric, sheet metal and wooden structures troubleshooting, maintenance, fabrication and repair. As well as soldering and welding procedures, diagram and blue print interpretation and drawing.
- Jun 88 - May 89 **LeTourneau University**- Longview, TX- *Business Administration*- Completed Courses in Business Administration Bachelor's degree program.
- Jun 86 - Mar 88 **Gateway Technical College**-Kenosha, WI- *Aviation, Pilot Training*- Kenosha, WI- Earned Licenses for Commercial Pilot with Multi-engine Land, Instrument ratings.

**References and Machine Manufacturer Class Attendance list Available on request.**