

**Transcript:** [Show 33 May 7, 2012](#)

Up next on ATE-TV a look into the high tech manufacturing at GE.

Manufacturing is no longer just an assembly line. As we will learn visiting GE's Aviation plant, technicians there are multi-skilled and well-versed in a variety of technical disciplines.

Here at GE Aviation, we basically make the turbine air pools, which are in the hot section of the engine, for every single jet engine that GE produces.

Day to day I support production, making sure we've got the proper skill set out there performing the work, keeping the equipment up. We're a high tech machine shop. A typical work day for a technician consists of drilling, grinding, coating, these parts at a very high tolerance, and basically running coordinates and things when you're running CNC or PLC-controlled machinery, and it takes the level of skills in technology will be able to do that. You basically troubleshoot with a computer; you plug into a board or you read the computer screen. You need to go through a thought process and not just be a parts changer, be able to critically think through an issue through a process and be able to come up with a solution in order get the machines up in an efficient way.

Land O'Frost is a lunch meat producer. We process, cook and package lunch meat. My name is James Feeney; I'm the maintenance supervisor. We have people who are expected to perform across many of those areas.

My name is Jason Wilson. I'm a second shift process and maintenance. There's a lot of skills that I'm using out here at my current job; how to use a meter, how to do voltage checks, how to do continuity checks, PLCs and automation, electrical, rebuilding motors, how to read a schematic, the basic symbols. Just like doing a read, you got to know your alphabet. If you want to do better, you got to further your education, and that's what I do.

The technical skills and technical knowledge that they'll gain through their education is very important. We're not hiring people that are specific to one area of expertise; we're looking for people that can perform across all of those areas that we need in the plant.

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