# Advance Process Control System Manager/Engineer

**Description:**

As an Operations Central Team Process Control System (Advance PCS) at Micron Technology, Inc., you will be accountable for improving the process control disciplines of FDC, R2R, SPC, E-diagnostics, Automation or Metrology Sampling for all Micron Fabs.

You work with Semiconductor Equipment Suppliers, external institutions, Front End Fabs, R and D, Corp IS and other manufacturing central team resources to provide and lead direction in process control systems and help coordinate control systems across multiple facilities throughout the Micron net work.

In this position, you will be tasked with facilitating and maintaining the vision or roadmap for PCS at Micron; manage supplier and institution that is aimed at reducing overall product variation which will result in higher process margins, increased yield and reliability.

**Responsibilities:**

- Process Control Engineer Responsibilities
- Program Management
- Communication
- Demonstrate Individual Competence/Technical Expertise
- Safety
- Provide Feedback, (Including Ongoing Feedback, Regular Evaluations, Appropriate Rewards, And Addressing Performance Problems)

**Requirements:**

- An engineering background and experience, with an understanding of Fab processes and tools with other experience such as Process Control Systems, Statistical Process Control, Fault Detection and Classification, e-Diagnostics, Run-to-Run Control, Wafer-to-Wafer Control, Scheduling or Sampling, process metrology, Interfacing with semiconductor process equipment, Lean, and Six Sigma.
- Familiarity with area and Micron Fab software applications, such as E3 R2R, E3 FD, GeRM, Sigma, SPACE, JMP, and Yield 3.
- Familiarity with process control systems from Camline or AMAT.

- Education Required: Master Degree or PHD
    - Applied Math
    - Engineering
    - Statistics
    - Related field of study

- Experience Desired:
    - 5 years experience in Process Control.

**Location: Position will be based where the selected candidate is located.**