



**Alabama  
Technology  
Network**

The University of Alabama in Huntsville

## **Pull/Kanban Systems**

### **Description**

Pull/Kanban is based on the concept of building products based on actual consumption. The system uses visual signals when parts need to be replaced. Attendees learn how to control shop floor inventory and production schedules by implementing pull systems. This workshop teaches how to design and implement a visually driven, employee controlled material replenishment system. Participants also learn how to implement repetitive and non-repetitive pull systems, set up point-of-use material storage, interface with planning systems and balance lot size with capacity.

### **Objectives/Topics**

- Pull and Lean enterprise
- Deciding how to manage demand (make to order vs. make to stock)
- Locating and sizing component supermarkets
- Selecting pull signals
- Implementing, training, auditing and sustaining the system

### **Simulation**

This class features a real-world case study exercise where participants will apply the process of locating kanban locations, calculating the size of kanbans and selecting appropriate pull signals. Participants will be able to measure impact by comparing previous on-hand inventory costs to that of a kanban system.

### **Course Length**

4 hours

### **Class Size**

10-25 participants

### **Cost**

- \$2500 to hold at client's facility
- \$175 per person for open enrollment, plus a \$20 per person consumables fee.