

## operations excellence education

### *your world is changing*

Your ever-changing business world needs both speed and skill to quickly operationalize the changes that support revenue growth, process execution, and cost containment. Skills to affect change, whether for a single function or for an entire enterprise, may require some new tools or a refresher to produce the required business results.

Your business may be facing issues such as these that require significant change:

- are you achieving on-time shipments to an ever-changing demand profile?
- are you constantly paying overtime to achieve the on-time shipments?
- are you needing to buy capital to meet you capacity requirements?
- are you often struggling with capital equipment performance, reliability, and measurement?
- are you looking organically to produce cash for your investments?
- are you losing business because of long or unpredictable cycle times?

To ensure businesses have the trained resources to install and sustain change, Aveus has developed educational programs designed not only to transfer knowledge but also to return value.

### *educational needs can vary*

We realize there are many types of educational needs. This is why Aveus offers several different flavors of education. The main programs are as follows:

- Lean / Performance Chain Masters
- Physical Simulations
- Ground School
- Custom Programs

### *lean / performance chain masters*

This educational series creates internal consultants who can solve both today's and tomorrow's problems. The series includes 3 week-long sessions and 2 refereed projects while spanning an elapsed period of 3 months. It provides practical methods and advanced concepts coupled with hands-on execution to allow students to develop actionable skills usable to improve bottom line performance.

The instructors come to you so that they can learn your own company's issues and language --- and thus deliver a relevant program.

### *what is the performance chain<sup>SM</sup>?*

Aveus experience has shown there is such an animal as The Performance Chain<sup>SM</sup>. This Chain is the set of all preparations, interactions, resources, and activities necessary to execute a process. It is beyond a linear chain; it includes non-linear needs and events happening away from the action but still strongly influencing.

The Lean Performance Chain format is not "exposure" – the course design emphasizes absorbed learning and refereed application of many tools inside your company. When complete the participants will be certified Lean / Performance Chain Masters and will have already positively contributed to company performance though project work.

### *process and equipment are treated*

There is a synergy between process and equipment. Treating one area in isolation does not return maximum benefit.

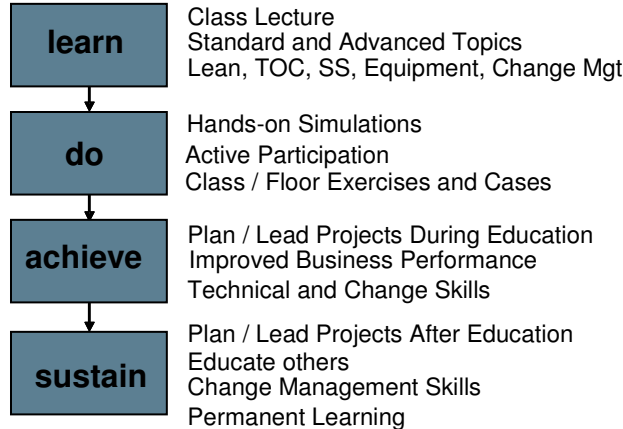
Process and equipment issues addressed include:

- Performance diagnostics
- Performance improvement
- Waste identification and reduction
- Constraint ID and optimization
- Flow and chain optimization
- Metrics and business aspects
- Change management

Coursework combines the synergistic best of lean, theory of constraints, six-sigma, change management, and equipment management concepts.

By course end, the graduating participants function as internal consultants who drive sustainable improvement and sustainable education.

We accomplish this transformation through Aveus' Learn-Do-Achieve-Sustain<sup>SM</sup> method which has proven to be effective world-wide and industry-wide.



### **physical simulation**

Aveus has developed and delivered physical production and supply chain simulations world-wide. The day-long workshops are truly hands-on / eyes-on and allow participants to be a part of a fictional company's growth from chaos through full customer satisfaction. Participants experience first-hand how varying process method, equipment use, metrics, and

change principles can significantly alter company performance.

Simulations have been developed for both production and administrative environments. The transactional program is named SIMetrix<sup>SM</sup> noting the emphasis on metrics-based analysis and improvement of administrative processes.

### **ground school**

Lean Ground School is a one week introduction to the many facets of Lean. Conducted in the client facility, companies use the ground school to level-set lean knowledge of key stakeholders and also to achieve quick results. Participants execute hands-on exercises, cases, and discussions during the sessions. Main topics are:

- overall Lean Processes
- equipment Optimization
- flow Mapping and Optimization
- error Prevention and Root Cause
- floor Management
- process / Equipment Synergy
- metrics and Business Rationale

### **custom**

Custom programs can be developed and delivered. Aveus will interview key stakeholders, observe the shop floor or work place, and work with you to develop targeted education. Customizing is available for process, equipment, and administrative areas.

### **contact us for more information**

Aveus is a global strategy and operational change firm. Internationally recognized for education and business results, our programs have been tested and proven across industries, geographies, and cultures.

For more information please visit our website [www.aveus.com](http://www.aveus.com) or call Sue Gillman at our Saint Paul, MN headquarters at (651) 379-3874.