

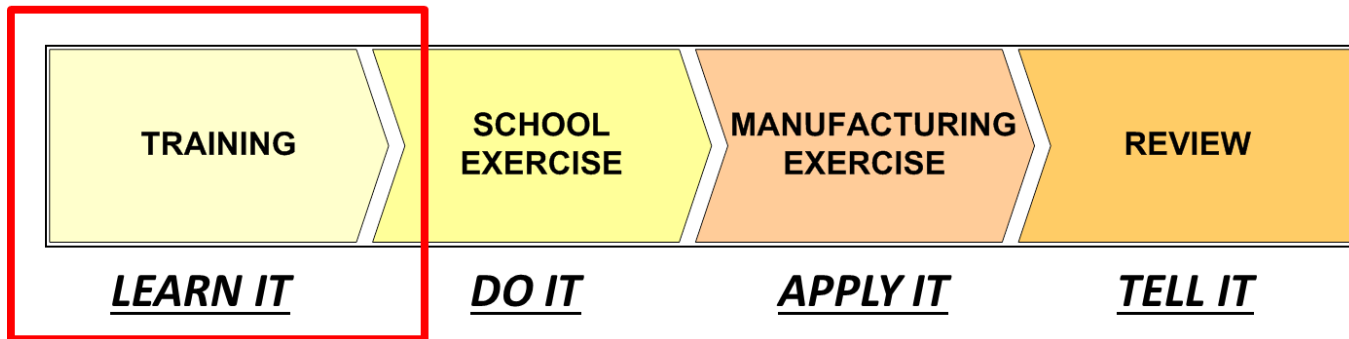
Teaching AMT 5S

2 Big Picture Training Goals

1. Teach 5S!

- 1st Phase of 4-phase MCE Structure

Basic MCE Structure



3 Big Picture Training Goals

2. Teach the Professional Behaviors

- **Attendance** at training counts toward record.
- **Initiative**: Students must take prompt action and get started on their activities if they wish to get out of class on time.
- **Diligence**: Students must work to get the projects entirely complete, i.e. see all the way through.
- **Interpersonal Relationships**: Students must get along with fellow team members and not waste time or focus on conflicts and disagreements.
- **Teamwork**: All projects must be completed as a team.
- **Communication**: All projects are ended with an evaluated verbal communication.

Campus Action

- AMT Faculty guide students to 3 high-level outcomes:
 - Completion of a 5S hands-on project.
 - Sustain on a daily basis the 5S Model Condition of the AMC over the entire 5 semesters.
 - Mentor back to the junior-level class.

AMC Condition

- AMC should use (via the students) a set of integrated activities to sustain the 5S Model Condition.
- Activities should include a periodic (at least once/month) 5S walk-through.
- An active, student maintained 5S Board with regular 5S Walk-throughs are a key AMT activity

Manufacturing Action

- It is highly recommended that employers follow-up campus activities with parallel manufacturing floor activities.

For example, have students put a tool locker into a 5S condition.

- Manufacturers should attend the 5S presentation at the end of the semester.

PB: Communication

- Verbal Communication is a key item in the teaching of all MCE's
- Students must use Professional Presentation, both individually and as a team
- Self-driven communication feedback at the end of all presentations (self and audience)

PB: Communication

- Instructor takes video of each presentation
Students strive for a higher level because they know they are on video
- Instructor plays video back for students either in class, or at a later (soon) time
Seeing one's self present is the most powerful learning tool to achieve best presentation techniques.

Connecting Training Goal

- 5S is the “First Tool of TPS.”
- It is a major activity to:
 - Implement aspects of the House of TPS
 - Eliminate/minimize Mura/Muri/Muda (Unevenness/Overburden/Non-value added work/material)
- Students should work out connections between Lean Manufacturing (TPS-M) and Workplace Visual Organization to strengthen the overall grasp of Lean Manufacturing

END