

Module Definition: This first SME module is created to give Organizational Leadership and Supervision students a general understanding of what PLM is and where they might come in contact with the phrase or concept. The module will be used in a class entitled Leading Organizational Change, which is what companies are doing as they try to role out PLM initiatives at their specific locations. It should be noted that this course is part of the OLS minor and has students from a wide variety of curriculums across the university. I would estimate that only 20-30% of all the students registered in this class will pursue a manufacturing career track. For this reason the PLM modules must be very general in nature.

Title: Production Life Cycle Management: The Future of Production Systems

Description: A general exploration of PLM. Where did it come from and how will it be used in future business ventures. This module will attempt to tie PLM to change management and explain why the interpersonal skill sets necessary to lead a change initiative are the same skills necessary to implement a PLM program.

Learning Objectives:

- Define PLM
- Understand the benefits of PLM
- Discuss PLM and social awareness.
- Explore the connection between interpersonal skills and PLM
- Explain the relationship of change leadership and PLM

Activities:

- Have students do a web search for PLM definitions and write a two page paper discussing what it is and why it might be an important concept to understand.
- Put students in groups to discuss their findings.
- Have groups report back to the class with the conclusions reached in their individual groups.
- Do a short slide presentation on PLM.

Presentation Media: A PowerPoint slide presentation of 8-10 slides giving text book answers to the above questions.