

What every Production Engineer (and Engineering Student) needs to know about Project Management for Global Partnerships

Project Management (PM) is the fastest growing engineering-related discipline in industry today and one that is often ignored at engineering institutions. Project Management and Engineering have been closely intertwined since ancient times from the building of the pyramids to the construction of the Panama Canal. This relationship has evolved over the years and it is critical that every engineer understand the basics of PM. The proposed talk will draw from a recently published book by the speaker “Project Management Circa 2025” and also from an ongoing manuscript titled “The Evolution and Maturity of Project Management” (to be published by the Project Management Institute) in 2013.

The close relationship between the two fields will be detailed. Principles of PM most applicable to engineering will be detailed. The utilization of newly developed tools of PM that can readily and easily be utilized in student and field projects will be illustrated with examples. A vignette and vision of the future of PM will also be covered in the talk.