ETM 546/646 Project Management Tools

This course builds upon one’s basic knowledge of project management and studies the methodologies, problems and analytical techniques used in planning and executing projects across industrial, technology and development industries. More than 30 tools and techniques will be covered which enables project teams to design their project management toolbox for their technology and industry of choice.

Not only will participants come away with the knowledge and application for PM tools and techniques, but they will have experienced through class exercises and the team project, a hands-on learning experience for successfully planning and executing a project. Emphasis is placed on the integration of the tools/techniques represented by the Project Management Institute (PMI) and its global project management standard, the PMBOK. Topics include best practices for business case development, Project Scope Definition, Cost Estimating, Scheduling (CPM, Critical Chain, PERT), Risk Management, Earned Value Analysis, Variance Analysis and Performance Reporting.

If you have ever wondered how projects actually get planned and executed, you will come away with that knowledge and the ability to plan and execute projects yourself.

For individuals seeking their PMP certification, the course hours contribute to the PMP qualification requirements.

Please click here for the most recent syllabus.