



Excellence in High Value Manufacturing Management

July 12-14, Texas Manufacturing Assistance Center, Houston

Background

Logistics, materials planning, and project and risk management are very important skills for energy industry technicians and engineers as they have to perform the complex production and operational activities that involve multiple steps performed by numerous actors.



As a part of a National Science Foundation Advanced Technological Education (ATE) project, the Texas A&M University Department of Engineering Technology and Industrial Distribution (ETID) is offering a three-day short course on High Value Manufacturing (HVM) Management in Houston on July 12-14. While this course will focus on manufacturing applications in the energy industry environment, other industry technical professionals can also benefit from this professional development program. A certificate of completion will be provided at the end of the educational session.

Who Should Attend?

- Manufacturing Engineers
- Manufacturing Technicians
- Project Engineers
- Materials Managers
- Procurement Engineers

Key Takeaways:

- A structured approach to reducing project costs and risks
- Ready-to-use practical tools to improve manufacturing productivity
- Reduce cost, thereby improving profitability by optimizing the manufacturing schedule
- Identify the critical path to complete project on time and on budget

Cost

- **\$395 per person***

**Lunch and snacks are included for all three days*

Location

TMAC Training Center
1440 S Creek Dr #100
Houston, TX 77084

Day	Modules	Contents
1	Best practices in materials management for manufacturers	<ul style="list-style-type: none"> • Forecasting • Inventory classification • Inventory costs and economic order quantity • Re-order point and safety stock
2	Optimizing manufacturing scheduling	<ul style="list-style-type: none"> • Master production schedule • Production cost-assessment and management • Materials requirements planning • Minimizing manufacturing waste and non-value added time
	Non-destructive evaluation to improve product performance	<ul style="list-style-type: none"> • Identifications of manufacturing defects • Types and selection of appropriate NDE methods • Analysis and interpretation of data
3	Project cost control and risk analysis	<ul style="list-style-type: none"> • Optimizing project scheduling • Risk analysis • Vendor selection

