Introduction to Advanced Manufacturing

Introduction to Advanced Manufacturing provides students a comprehensive overview of principles, processes and career choices in manufacturing. Hands-on activities in career seeking and planning a manufacturing company culminate in a capstone project in which students follow all the steps of the manufacturing process to produce a product.

Course Outline

- Introduction
- Careers in Manufacturing (Core)
- Seeking a Manufacturing Career (Activity)
- The Manufacturing Company (Core)
- Planning and Staffing a Manufacturing Company (Activity)
- Manufacturing Processes (Core)
- Computers in Manufacturing (Core)
- Automation in Manufacturing (Core)
- The Arrow Plane (Project)

Foundations Skills Program

Foundation Skills courses deliver essential skills for technical careers, along with 21st Century skills like critical thinking, problem solving and collaboration skills.

- Foundations courses are 100% virtual on-line courses delivered through LearnMate, accessible anywhere, anytime.
- Some courses have optional hardware available

Introduction to Advanced Manufacturing includes LearnMate®, Intelitek’s innovative e-learning platform. Self-paced, interactive LearnMate content may be deployed stand-alone or through the robust learning management system (LMS). The LearnMate e-learning suite provides everything needed for the ultimate blended learning experience:

- SCORM-compliant interactive content
- Anytime, anywhere accessibility
- Student and class management
- Grade tracking
- Skill/competency reporting mapped to national academic skill standards

Ordering Information

Foundations Skills Curriculum

LM7 Content, Virtual, Intro to Advanced Manufacturing 77-3096-0000

Foundations Skills Bundle:

Foundations Skills Virtual Content JM-FOUN-SKILS

- Includes 12 Foundation Skills courses

Contact Us:

Email: info@intelitek.com
Phone: 603-413-2600
Fax: 603-437-2137

Toll Free: 800-221-2763

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