Technicians use blueprints to install, maintain, troubleshoot, and service plant machinery and equipment. **Mechanical Blueprint Reading (BA02)** delivers skills-based curriculum through LearnMate™, intelitek’s innovative e-learning platform. Through virtual activities, students learn all aspects of reading and interpreting blueprints in industrial environments, including:

- Through interactive activities, delivered entirely online, students learn about blueprint views, tolerances, cutting planes, thread dimensions, welding symbols, structural steel prints and more.
- Core concepts are taught through self-paced e-learning curriculum. All the necessary resources, including printable instructions, are available online, ready for use in the classroom.
- JobMaster™ trainees can be confident they will possess the skills needed for success in automated manufacturing careers!

The **JobMaster™ Industrial Maintenance and Mechatronics Training** teaches the specialized skills required for today’s industrial technicians. **JobMaster™** provides a superior blended learning solution for automated manufacturing training by combining industrial-grade components with engaging e-learning content.

JobMaster™ courses are entirely skill-based, consisting of individual exercises that reproduce essential tasks performed by maintenance technicians, equipment operators, and machine repairmen. Each skill has been analyzed and field-tested by qualified maintenance technicians to teach the specific skills needed in the industrial environment.

intelitek’s partners in development of the curriculum include twelve major US industrial companies, including Boeing, Caterpillar, Ford, GE, and US Steel.

**JobMaster™, the new standard in industrial maintenance and mechatronics training!**

**POWERED BY**

**LearnMate™**

JobMaster™ courses are powered by LearnMate™—intelitek’s innovative e-learning platform. LearnMate’s self-paced interactive 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
Skills Acquired

Skill 1: Identifying Lines and their Functions
Skill 2: Single, Multiple and Auxiliary View
Skill 3: Reading and Locating Blueprint Dimensions
Skill 4: Determining Tolerances
Skill 5: Identifying Thread Dimensions
Skill 6: Identifying Tapers and Machine Surfaces
Skill 7: Cutting Plane and Sections
Skill 8: Geometric Dimensioning, Wear Limits
Skill 9: Identifying Welding Symbols
Skill 10: Reading Plot Plans
Skill 11: Reading Footing, Foundation and Floor Plans
Skill 12: Reading Reinforced Concrete and Structural Steel Prints

Materials Included

Order #14-BA02

- Mechanical Blueprint Reading E-Learning Curriculum

The Foundations Program includes:

- Employability Skills
- Introduction to Advanced Manufacturing
- Industrial Safety: Lockout/Tagout
- Mathematics for Technicians
- Mechanical Measurement and Quality Control
- Lubrication for Technicians
- Power Tools
- Mechanical Training Bench

and more!

Make Mechanical Blueprint Reading (BA02) part of a comprehensive STEM program!

Foundations courses form an excellent basis for a wide range of STEM programs. Add virtual, hardware-based or blended learning labs to deliver in-depth Advanced Manufacturing, Mechatronics and Industrial Maintenance programs.

Affiliated with:

AMT
SkillsUSA
NTMA

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